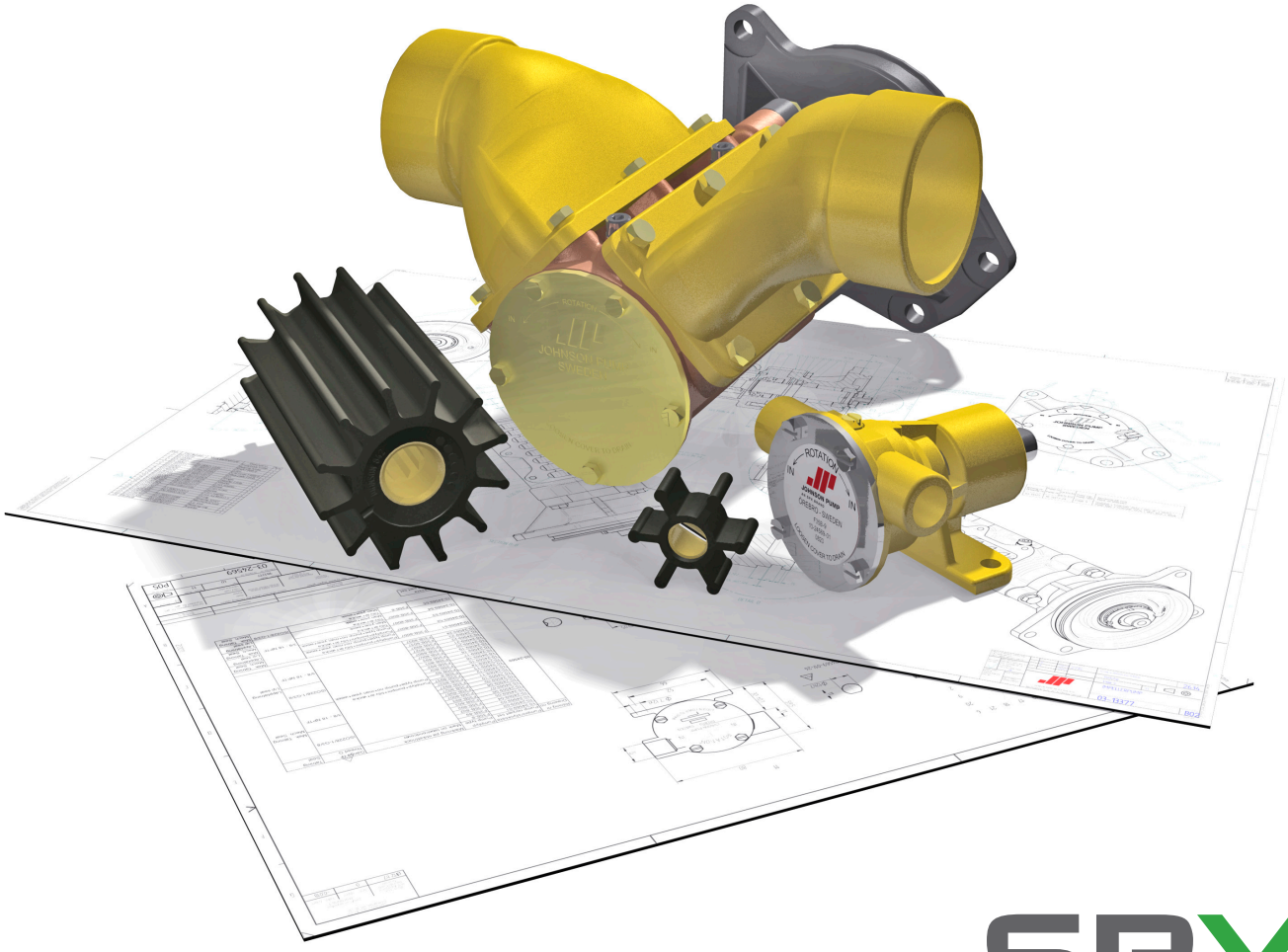
JOHNSON PUMP
AN SPX BRAND

Flexible Impeller Pumps for Marine Usage

OEM-Engine cooling
Deck wash & bilge
Multipurpose



SPX®

SPX Johnson Pump Marine

SPX Johnson Pump is one of the world's leading manufacturers of pumps for marine use. For more than thirty years, the company has been providing the boaters of the world with high quality, highly reliable pumps. Our extensive product range includes water pressure systems, bilge pumps, deckwash pumps, engine cooling pumps and more.

Quality a Trademark

SPX Johnson Pump has built its international reputation on attention to quality in every detail of product development, production, and customer relations. You can count on us for constant improvement and further development in every aspect of our business dealings.

Working with the Best

Thanks to our extensive marine pump experience, we know the boating industry well. This makes it possible for us to find pumping solutions that meet the specific needs of each customer.
That's why so many leading manufacturers of marine engines and recreational craft trust SPX Johnson Pump to provide solutions for all their pumping needs.

Global, yet Local

No matter whether you are an experienced boater looking for a replacement pump or a manufacturer looking for any pumps for your marine application, we're prepared to provide you with the support you need. And no matter where you work or live, access to our products, services, spare parts and support are never far away. In fact, you'll find SPX Johnson Pump represented in every major industrial country of the world today and more than fifty nations altogether.

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Flexible Impeller Pumps for Marine Usage

Flexible Impeller Pumps

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- Dual

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- Extra heavy duty, -3000 series

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- Cams
- Gaskets
- O-rings
- Endcovers
- Wear plates
- Service Kit and Part Reference Guide

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Flexible Impeller Pumps

Flexible impeller pumps provide an efficient solution to most marine pumping needs. The primary advantage of a flexible impeller pump is its self-priming capability. As the vanes of the impeller are depressed and rebound, they create their own vacuum drawing fluid into the pump (see operating principle).

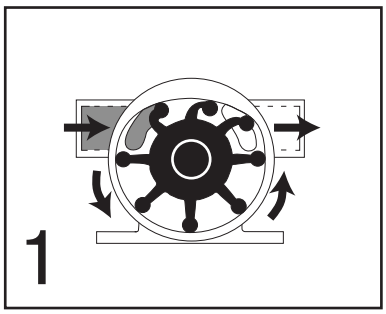
A dry pump can lift water up to as much as 5 metres. Thus a flexible impeller pump being used for bilges, deck washdown or engine cooling need not be located below the water line or manually primed. An added feature of flexible impeller pumps is that they can pass fairly large solids without clogging or damaging the pump. This reduces the need for filtering the incoming fluid.

For most Johnson Pump flexible impeller pumps, two different impeller materials are available. For general raw or fresh water applications, the standard long lasting neoprene rubber impeller is used. However, for pumping fuels or oily water (such as is often found in bilges), the oil resistant nitrile impeller will provide better service.

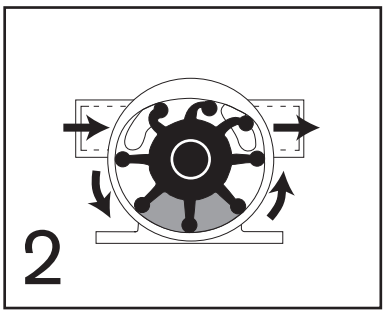
A common feature of all flexible impeller pumps is that they cannot be permitted to run dry for more than 30 seconds. Both the impeller and the seals depend upon the water for lubrication and will soon burn out if run dry.

Wearing parts are easily replaceable, and service kits are available for all standard models.

Operating principle

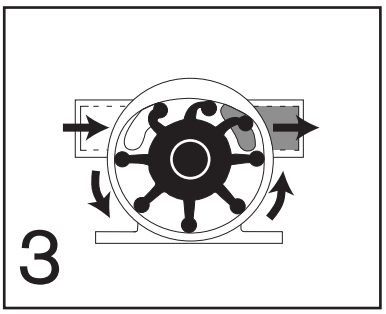


A vacuum is created as the flexible impeller vanes straighten upon leaving the cam, drawing liquid into the pump.



The rotating impeller carries liquid from the inlet to the outlet port.

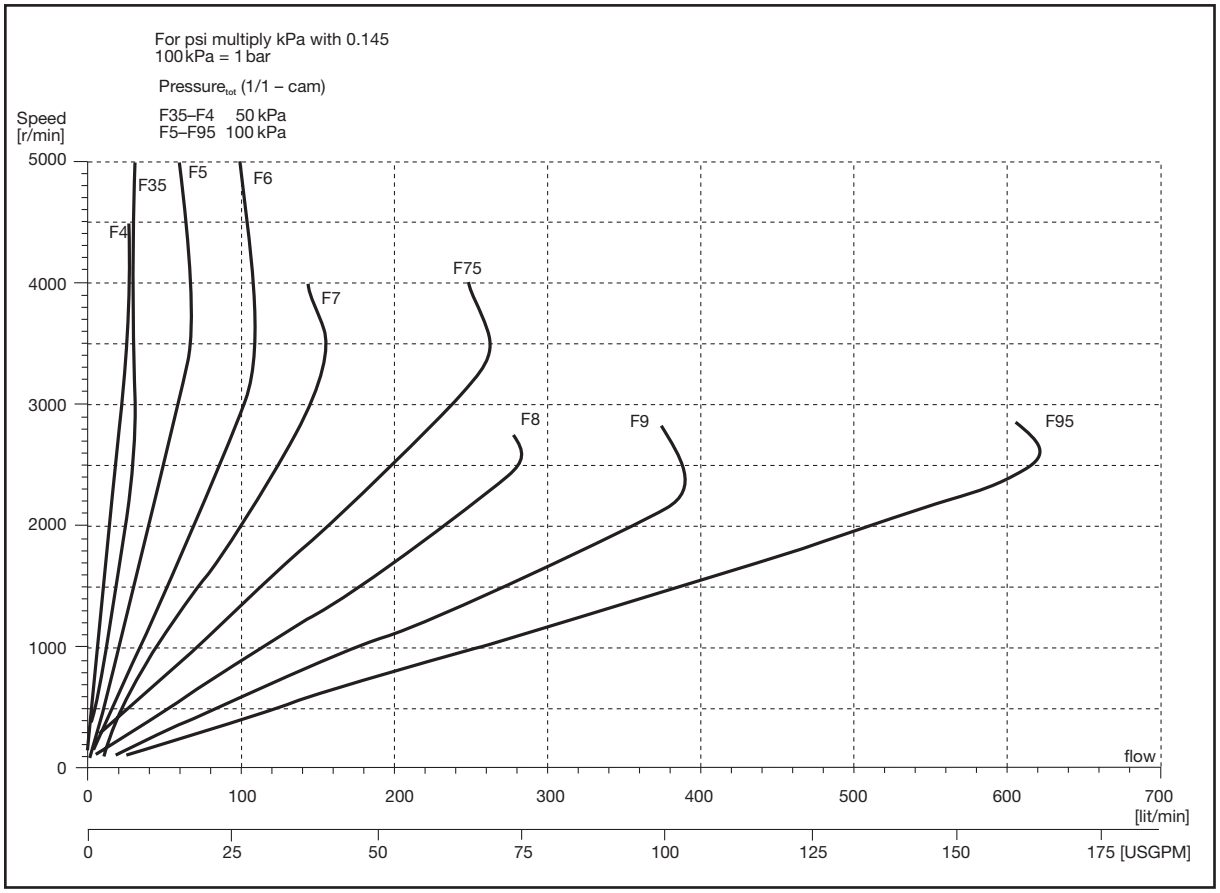
As a consequence of their design, flexible impeller pumps can pass fairly large solids.



When the flexible impeller vanes regain contact with the cam, they bend and the liquid is discharged from the pump in a uniform flow.

Liquids can be pumped in the opposite direction by reversing the rotation of the pump.

Capacity range (based on water at 20°C/68°F)



Key to SPX Johnson Pump type specification system

Pump types F2–F95 (excluding F70, F80 and F100)

Example: **F 7 B - 3 0 0 0**

Pump type
F = Flexible Impeller

Pump size
2
3/35
4
5
6
7
75
8
9
95
Generally increasing size

Body material
B = Bronze
P1 = Epoxy

Port connection
0 = BSP thread
7 = NPTF thread (on request)

Cam size
0 = 1/1 - Standard
2 = 1/2
3 = 2/3

Impeller material
0 = Neoprene
5 = Neoprene - Intermediate pressure
6 = Neoprene - High pressure
9 = Nitrile

Mounting
1 = Flange mounted to the motor
3 = Pedestal mounted with double ball bearings and mech. seal.
5 = Pedestal mounted with double ball bearings and mech. seal, magnetic clutch operated.
5001 = Compact unit with lip seal *)
8 = General purpose with double ball bearings and lip seal *)
9 = Custom, follows customer's specification

**) F8B-5001, F8B-8 also available with mech. seal*

Impeller overview

Pump-size	Impeller part no.	Impeller material	Insert material	Min start torque (Nm)	Min reverse torque (Nm)	Liquid-temp. °C	Max head (bar)	Max flow (l/min)	Max speed (rpm)	Manometric suction-lift (m)
F2P10-19	08-1077B-9	Nitrile	Bronze	0.3	0.9	-15 to +85	0.9	16	4.000	1.5
TA3P10	08-1052S-9	Nitrile	Stainless	0.1	0.4	-15 to +85	2.0	27	3.800	0.5
F3B-19	08-843S-9	Nitrile	Stainless	0.1	0.4	-15 to +85	2.0	21	3.800	3.0
F35	08-806B-1	EPDM	Bronze	0.7	1.7	+3 to +80	1.5	33.5	4.500	2.5
	08-808B-1	EPDM	Bronze	0.7	1.7	+3 to +80	1.5	33.5	4.500	2.5
F4	08-810B-1	EPDM	Bronze	1.0	2.3	+3 to +80	2.0	81	4.500	2.5
	08-810B-9	Nitrile	Bronze	1.0	2.3	-15 to +85	1.5	34.5	2.800	2.5
	08-1026B-1	EPDM	Bronze	1.0	2.3	+3 to +80	1.5	81	4.500	2.5
	08-1026B-9	Nitrile	Bronze	1.0	2.3	-15 to +85	1.5	35.5	2.800	2.5
F4B-19	08-824P-1	EPDM	Plastic	0.3	0.9	-15 to +85	1.9	53.0	3.300	3.0
	08-824P-9	Nitrile	Plastic	0.3	0.9	-15 to +85	1.5	48.0	3.300	3.0
F5	08-801B	Neoprene	Bronze	2.2	5.2	+3 to +80	2.5	55	2.800	4.5
	08-1027B	Neoprene	Bronze	2.2	5.2	+3 to +80	2.5	75	4.500	4.5
	08-1027BT	Neoprene	Bronze, thread	2.2	5.2	+3 to +80	2.5	75	4.500	4.5
	08-1027B-1	EPDM	Bronze	2.2	5.2	+3 to +80	2.5	75	4.500	4.5
	*08-1027B-10	EPDM	Bronze	2.2	5.2	+3 to +80	2.5	75	4.500	4.5
	08-1027B-9	Nitrile	Bronze	2.2	5.2	-15 to +85	1.75	75	2.800	3.5
F6	08-812B	Neoprene	Bronze	2.8	7.1	+3 to +80	2.5	135	4.500	5.0
	8-812B-1	EPDM	Bronze	2.8	7.1	+3 to +80	2.5	135		
F7	08-1028B	Neoprene	Bronze	4.6	8.3	+3 to +80	2.5	158	3.000	5.0
	08-1028BT-1	EPDM	Bronze, thread	4.6	8.3	+3 to +80	2.5	158	3.000	5.0
	08-1028B-9	Nitrile	Bronze	4.6	8.3	-15 to +85	1.75	158	3.000	4.0
	08-1028S-9	Nitrile	Stainless	4.6	8.3	-15 to +85	1.75	158	3.000	4.0
	08-816B	Neoprene	Bronze	7.2	12	+3 to +80	4.0	105	2.000	5.0
	08-816S	Neoprene	Stainless	7.2	12	+3 to +80	4.0	83	1.500	5.0
F75	08-821B	Neoprene	Bronze	4.5	12	+3 to +80	2.5	270	3.500	5.0
	08-821BT	Neoprene	Bronze, thread	4.5	12	+3 to +80	2.5	270	3.500	5.0
	08-821BT-1	EPDM	Bronze, thread	4.5	12	+3 to +80	2.5	270	3.500	5.0
F8	08-1029B	Neoprene	Bronze	11	24	+3 to +80	2.5	295	2.200	5.0
	08-818B	Neoprene	Bronze	19	32	+3 to +80	4.0	295	2.500	5.0
	08-819B	Neoprene	Bronze	11	25	+3 to +80	2.5	295	2.800	5.0
	08-819B-9	Nitrile	Bronze	11	25	-15 to +85	1.75	295	2.500	4.0
F9	08-802B	Neoprene	Bronze	16	39	+3 to +80	2.5	440	2.200	5.0
	08-814B	Neoprene	Bronze	13	38	+3 to +80	3.5	350	2.000	5.0
F95	08-820B	Neoprene	Bronze, thread	18	56	+3 to +80	2.5	625	2.500	5.0
F98	08-842B	Neoprene	Bronze, thread	23	70	+3 to +80	2.5	840	2.500	5.0

Note! Max feeding pressure all pumps = 0.5 bar

Note! To obtain a long impeller life, operate between +4°C and +55°C and use Johnson Pump Impeller lubricant.

Note! If pump speed exceed specification above, contact Johnson Pump representative for advice.

* Impeller made with special dimensions.

Crosslist old part numbers - new part numbers

Old art.no.	Description	New art.no.
05-01-115	Washer	**0.0353.402**
05-01-12	Washer	**0.0350.115**
05-01-120	Washer	**01-46790-01**
05-01-122	Washer	**0.0350.118**
05-01-127	Washer	**0.0356.001**
05-01-128	Washer	**0.0350.155**
05-01-129	Washer	**0.0353.301**
05-01-130	Washer	**0.0350.617**
05-01-131	Washer	**0.0350.208**
05-01-133	Washer	**01-46789-01**
05-01-501	Washer	**01-46791-01**
05-01-502	Washer	**01-46790-02**
05-01-503	Washer	**0.0350.605**
05-01-509	Support ring	**0.0958.700**
05-01-512	Washer	**0.0350.116**
05-01-515	Washer	**0.0350.207**
05-01-517	Washer	**01-46789-02**
05-01-518	Washer	**01-46789-03**
05-01-519	Washer	**01-46789-04**
05-01-520	Washer	**0.0350.206**
05-01-521	Washer	**01-46789-05**
05-01-525	Washer	**0.0351.501**
05-01-529	Washer	**01-46789-06**
05-01-530	Washer	**01-46792-01**
05-01-532	Lock washer	**0.0351.602**
05-01-534	Washer	**0.0356.002**
05-02-101	Spring washer	**0.0353.309**
05-02-102	Lock washer	**Obsolete**
05-02-506	Washer	**0.0352.604**
05-02-508	Washer	**0.0352.104**
05-02-511	Washer	**0.0379.400**
05-02-512	Washer	**0.0353.109**
05-02-514	Washer	**0.0353.111**
05-02-518	Washer	**0.0353.311**
05-02-519	Spring washer	**0.0352.609**
05-02-520	Lock washer	**0.0383.026**
05-02-521	Lock washer	**0.0383.007**
05-02-523	Lock washer	**0.0357.001**
05-03-114	Pin	**0.0414.644**
05-03-119	Woodruff key	**0.0503.030**
05-03-121	Key	**0.0502.001**
05-03-122	Plug	**0.2500.805**
05-03-124	Key	**0.0502.231**
05-03-125	Key	**0.0502.038**
05-03-126	Plug	**0.0633.728**
05-03-127	Woodruff key	**0.0503.029**
05-03-501	Key	**0.0502.012**
05-03-502	Key	**0.0502.032**
05-03-504	Pin	**0.0414.666**
05-03-505	Woodruff key	**0.0503.027**
05-03-511	Plug	**0.0633.729**
05-03-512	Woodruff key	**0.0503.036**
05-03-513	Plug	**0.0633.736**
05-03-514	Woodruff key	**0.0503.032**
05-03-521	Key	**0.0502.003**
05-03-523	Key	**0.0503.038**
05-03-524	Pin	**0.0415.342**

Old art.no.	Description	New art.no.
05-03-527	Key	**0.0502.048**
05-03-528	Woodruff key	**0.0503.010**
05-03-531	Ball	**0.3433.001**
05-03-532	Key	**0.0502.025**
05-04-105	Screw	**0.0144.001**
05-04-107	Screw	**01-46794-01**
05-04-108	Screw	**01-46794-02**
05-04-114	Screw	**01-46794-03**
05-04-115	Screw	**01-46794-04**
05-04-117	Screw	**01-46794-05**
05-04-123	Screw	**01-46793-01**
05-04-124	Screw	**01-46793-02**
05-04-125	Screw	**01-46794-06**
05-04-128	Screw	**0.0144.002**
05-04-130	Screw	**0.0300.524**
05-04-131	Screw	**0.0300.544**
05-04-139	Screw	**0.0300.565**
05-04-144	Screw	**01-46794-07**
05-04-146	Screw	**0.0141.911**
05-04-147	Screw	**01-46794-08**
05-04-148	Screw	**0.0144.003**
05-04-150	Screw	**0.0141.918**
05-04-156	Screw	**0.0300.943**
05-04-158	Screw	**0.0141.903**
05-04-159	Screw	**0.0144.004**
05-04-162	Screw	**0.0279.500**
05-04-163	Screw	**0.0279.501**
05-04-167	Screw	**0.0257.036**
05-04-168	Screw	**0.0256.011**
05-04-169	Screw	**0.0138.239**
38459	Screw	**0.0300.523**
05-04-171	Screw	**0.0141.910**
05-04-172	Screw	**0.0141.916**
05-04-174	Screw	**0.0279.033**
05-04-175	Screw	**0.0279.032**
05-04-176	Screw	**0.0141.500**
05-04-177	Screw	**0.0281.001**
05-04-178	Screw	**0.0138.134**
05-04-183	Screw	**0.0141.906**
05-04-188	Screw	**0.0141.902**
05-04-46	Screw	**0.0144.200**
05-04-49	Screw	**0.0141.901**
05-04-507	Screw	**0.0142.730**
05-04-515	Screw	**01-46794-09**
05-04-526	Screw	**0.0142.601**
05-04-527	Screw	**0.0142.602**
05-04-530	Screw	**0.0142.617**
05-04-531	Screw	**0.0142.603**
05-04-550	Screw	**0.0141.502**
05-04-552	Screw	**0.0251.688**
05-04-553	Screw	**01-46794-10**
05-04-563	Screw	**0.0140.400**
05-04-564	Screw	**0.0140.401**
05-04-565	Screw	**0.0303.590**
05-04-566	Screw	**0.0278.602**
05-04-568	Screw	**0.0257.026**
05-04-569	Screw	**0.0319.500**

Crosslist old part numbers - new part numbers

Old art.no.	Description	New art.no.
05-04-570	Screw	**0.0278.037**
05-04-572	Screw	**0.0140.500**
05-04-573	Screw	**0.0279.301**
05-04-574	Screw	**0.0252.017**
05-04-575	Screw	**0.0142.731**
05-04-577	Screw	**0.0278.603**
05-04-580	Screw	**0.0256.001**
05-04-581	Screw	**0.0148.001**
05-04-583	Screw	**0.0138.183**
05-04-588	Screw	**0.0300.742**
05-04-595	Screw	**0.0141.922**
05-04-596	Screw	**0.0141.928**
05-04-601	Screw	**0.0150.001**
05-04-602	Screw	**0.0278.802**
05-04-603	Screw	**0.0142.732**
05-04-605	Screw	**0.0256.010**
05-04-608	Screw	**0.0300.764**
05-04-609	Screw	**0.0142.733**
05-04-610	Screw	**0.0142.734**
05-04-611	Screw	**0.0138.143**
05-04-614	Screw	**0.0142.735**
05-04-620	Screw	**0.0142.860**
05-04-621	Screw	**0.0141.917**
05-04-622	Screw stud	**0.0013.328**
05-04-623	Screw stud	**0.0013.329**
05-04-628	Screw	**0.0142.738**
05-04-629	Screw	**0.0251.704**
05-04-630	Screw	**0.0142.739**
05-04-631	Screw	**0.0144.005**
05-04-632	Screw	**0.0141.700**
05-04-633	Screw	**0.0138.050**
05-04-634	Screw	**0.0251.690**
05-04-635	Screw	**0.0251.714**
05-04-636	Screw	**01-46794-11**
05-04-638	Screw	**01-46794-12**
05-04-639	Screw	**0.0140.402**
05-04-640	Screw	**0.0138.921**
05-04-641	Screw	**01-46794-13**
05-04-642	Screw	**0.0279.300**
05-04-643	Screw	**0.0142.737**
05-04-644	Screw	**0.0145.001**
05-04-645	Screw	**0.0145.002**
05-04-646	Screw	**0.0141.164**
05-04-647	Screw	**0.0146.001**
05-04-648	Screw	**01-46794-14**
05-04-649	Screw	**0.0257.065**
05-04-650	Screw stud	**0.0012.924**
05-04-651	Screw	**0.0257.060**
05-04-652	Eye bolt	**0.0070.201**
05-04-653	Screw	**0.0141.930**
05-04-654	Screw	**0.0141.935**
05-04-655	Screw	**0.0257.024**
05-04-656	Screw	**0.0278.601**
05-04-657	Screw	**0.0140.201**
05-04-658	Screw	**0.0140.202**
05-04-659	Screw	**0.0279.302**
05-04-660	Screw	**0.0141.501**

Old art.no.	Description	New art.no.
05-04-661	Screw	**0.0256.012**
05-04-662	Screw	**0.0141.915**
05-04-84	Screw	**0.0140.001**
05-05-115	Nut	**0.0194.001**
05-05-116	Nut	**0.0185.159**
05-05-117	Nut	**0.0185.310**
05-05-119	Nut	**0.0185.309**
05-05-121	Nut	**0.0195.100**
05-05-122	Nut	**0.0185.311**
05-05-502	Nut	**0.0185.350**
05-05-506	Nut	**0.0185.069**
05-05-508	Nut	**0.0192.001**
05-05-510	Nut	**0.0191.001**
05-05-511	Nut	**0.0185.068**
05-05-512	Nut	**0.0185.070**
05-05-513	Nut	**0.0193.001**
05-05-514	Nut	**0.0188.001**
05-05-522	Nut	**0.0188.001**
05-05-523	Nut	**0.0187.100**
05-05-524	Nut	**0.0383.500**
05-05-525	Nut	**0.0243.007**
05-05-526	Nut	**0.0190.001**
05-05-527	Nut	**0.0190.050**
05-05-528	Nut	**0.0183.200**
05-05-529	Nut	**0.0185.071**
05-05-531	Nut	**0.0190.100**
05-06-030	O-ring	**0.2172.506**
05-06-342V	O-ring	**0.2172.410**
05-06-432V	O-ring	**0.2172.336**
05-06-500	O-ring	**0.2173.403**
05-06-501	O-ring	**0.2173.402**
05-06-502	O-ring	**0.2173.467**
05-06-503	O-ring	**0.2172.142**
05-06-504	O-ring	**0.2173.447**
05-06-504V	O-ring	**0.2173.809**
05-06-507	O-ring	**0.2173.470**
05-06-511	O-ring	**0.2173.454**
05-06-512	O-ring	**0.2173.459**
05-06-513	O-ring	**0.2173.432**
05-06-514	O-ring	**0.2173.451**
05-06-516	O-ring	**0.2173.457**
05-06-516V	O-ring	**0.2173.819**
05-06-518	O-ring	**0.2172.024**
05-06-518V	O-ring	**0.2172.023**
05-06-519	O-ring	**0.2173.466**
05-06-521	O-ring	**0.2173.468**
05-06-522	O-ring	**0.2173.469**
05-06-523	O-ring	**0.2173.473**
05-06-527V	O-ring	**0.2172.048**
05-06-528V	O-ring	**0.2172.049**
05-06-534	O-ring	**0.2173.474**
05-06-536V	O-ring	**0.2172.141**
05-06-537	O-ring	**0.2172.573**
05-06-537V	O-ring	**0.2172.017**
05-06-544V	O-ring	**0.2172.028**
05-06-545	O-ring	**0.2172.018**
05-06-557	O-ring	**0.2172.504**

Crosslist old part numbers - new part numbers

Old art.no.	Description	New art.no.
05-06-558V	O-ring	**0.2172.505**
05-06-559V	O-ring	**0.2173.439**
05-06-563V	O-ring	**0.2172.019**
05-06-568V	O-ring	**0.2172.585**
05-06-571V	O-ring	**0.2172.020**
05-06-572V	O-ring	**0.2172.021**
05-06-573V	O-ring	**0.2172.029**
05-06-574V	O-ring	**0.2172.022**
05-06-576	O-ring	**0.2173.434**
05-06-577	O-ring	**0.2173.435**
05-06-578	O-ring	**0.2173.009**
05-06-579	O-ring	**0.2173.492**
05-06-580	O-ring	**0.2173.443**
05-06-581	O-ring	**0.2173.472**
05-06-582	O-ring	**0.2172.995**
05-06-583	O-ring	**0.2173.452**
05-06-584	O-ring	**0.2173.471**
05-06-585E	O-ring	**0.2173.020**
05-06-588E	O-ring	**0.2173.005**
05-06-589	O-ring	**0.2173.493**
05-06-590	O-ring	**0.2173.475**
05-06-591	O-ring	**0.2173.436**
05-06-592V	O-ring	**0.2173.822**
05-06-593V	O-ring	**0.2173.826**
05-06-594V	O-ring	**0.2173.821**
05-06-595	O-ring	**0.2172.012**
05-06-597	O-ring	**0.2173.476**
05-06-598V	O-ring	**0.2173.160**
05-06-599V	O-ring	**0.2172.412**
05-06-600	O-ring	**0.2173.477**
05-06-601	O-ring	**0.2173.478**
05-06-601V	O-ring	**0.2173.478**
05-06-602	O-ring	**0.2173.446**
05-06-603	O-ring	**0.2173.445**
05-06-604	O-ring	**0.2173.479**
05-06-604V	O-ring	**0.2173.823**
05-06-605	O-ring	**0.2172.013**
05-06-606	O-ring	**0.2173.444**
05-06-607	O-ring	**0.2173.437**
05-06-608	O-ring	**0.2173.480**
05-06-609	O-ring	**0.2173.481**
05-06-610	O-ring	**0.2173.442**
05-06-611	O-ring	**0.2172.014**
05-06-612	O-ring	**0.2172.015**
05-06-613	O-ring	**0.2172.016**
05-06-614	O-ring	**0.2173.441**
05-06-615	O-ring	**0.2172.557**
05-06-616	O-ring	**0.2172.647**
05-06-617	O-ring	**0.2173.401**
05-06-618	O-ring	**0.2173.440**
05-07-101	Gasket	**01-46795-01**
05-08-113	Ball bearing	**0.3431.482**
05-08-117	Ball bearing	**0.3431.484**
05-08-118	Ball bearing	**0.3431.486**
05-08-122	Ball bearing	**0.3431.754**
05-08-123	Ball bearing	**0.3431.761**
05-08-124	Ball bearing	**0.3431.760**

Old art.no.	Description	New art.no.
05-08-125	Ball bearing	**0.3431.488**
05-08-126	Ball bearing	**0.3431.203**
05-08-128	Ball bearing	**0.3431.742**
05-08-129	Ball bearing	**0.3431.483**
05-08-130	Ball bearing	**0.3431.748**
38585	Ball bearing	**0.3431.523**
38586	Ball bearing	**0.3431.778**
38589	Ball bearing	**0.3431.485**
38590	Ball bearing	**0.3431.001**
05-08-500	Ball bearing	**0.3431.746**
05-08-501	Ball bearing	**0.3431.204**
05-08-502	Ball bearing	**0.3431.043**
05-08-503	Ball bearing	**0.3431.441**
05-08-504	Ball bearing	**0.3431.780**
05-08-505	Ball bearing	**0.3431.684**
05-08-506	Ball bearing	**0.3431.747**
05-08-507	Ball bearing	**0.3431.208**
05-08-508	Ball bearing	**0.3431.206**
05-08-509	Ball bearing	**0.3431.701**
05-08-510	Ball bearing	**0.3431.525**
05-08-511	Ball bearing	**0.3431.444**
05-08-512	Ball bearing	**0.3431.743**
05-08-513	Ball bearing	**0.3431.044**
05-08-514	Ball bearing	**0.3431.665**
05-08-516	Ball bearing	**0.3431.745**
05-08-517	Ball bearing	**0.3431.753**
05-08-518	Ball bearing	**0.3431.741**
05-08-519	Ball bearing	**0.3431.740**
05-09-100	Ball bearing	**0.3428.570**
05-09-500	Roller bearing	**0.3428.513**
05-09-501	Roller bearing	**0.3428.514**
05-09-502	Roller bearing	**0.3428.516**
05-09-503	Roller bearing	**0.3428.515**
05-12-104	Hose	**0.3449.003**
05-13-101	Port adaptor	**01-35160-1**
05-13-104	Tube coupling	**0.2504.052**
05-13-106	T-pip joint	**0.2491.401**
05-13-108	Nipple	**0.2530.004**
05-13-112	Nipple	**0.3445.003**
05-13-501	Nipple	**0.3445.002**
05-13-528	Nipple	**0.3445.001**
05-13-544	Hose socket	**0.2527.001**
05-13-550	Nipple	**0.2504.049**
05-13-552	Nipple	**0.2528.504**
05-13-565	Reduce bushing	**0.2504.051**
05-13-569	Angular	**0.2493.506**
05-13-576	Plug	**0.0633.727**
05-13-612	Nipple	**0.2505.006**
05-13-634	5-way coupling	**0.2530.001**
05-13-636	Hose socket	**0.2527.002**
05-13-637	Hose nipple	**0.2527.003**
05-13-638	Hose nipple	**0.2527.004**
05-13-639	Hose nipple	**0.2527.005**
05-13-640	Plug	**0.2500.801**
05-13-641	Nipple	**0.2500.802**
05-13-642	Nipple	**0.2500.803**
05-13-644	Plug	**0.2500.802**

Crosslist old part numbers - new part numbers

Old art.no.	Description	New art.no.
05-13-645	Quick coupling	**0.2527.006**
05-13-646	Nipple	**0.3448.006**
05-13-647	Nipple	**0.3448.001**
05-13-648	Nipple	**0.3445.083**
05-13-649	Nipple	**0.2505.001**
05-13-650	Nipple	**0.2505.002**
05-13-651	Nipple	**0.2505.003**
05-13-652	Nipple	**0.2505.004**
05-13-653	Nipple	**0.2505.005**
05-14-501	Spray pistol	**0.2527.007**
05-15-121	Motor	**4.9309.001**
05-15-141	Motor	**4.9309.002**
05-15-143	Motor	**4.9309.003**
05-15-506	Motor	**4.9309.004**
05-15-554	Motor	**4.9309.005**
05-15-564	Motor	**4.9309.006**
05-15-566	Motor	**4.9309.007**
05-15-567	Motor	**4.9309.008**
05-15-568	Motor	**4.9309.009**
05-15-603	Motor	**4.9309.012**
05-15-615	Motor	**01-24537-01**
05-15-616	Motor	**01-24537-02**
05-15-617	Motor	**01-24537-03**
05-15-648	Motor	**4.9309.021**
05-15-649	Motor	**4.9309.010**
05-15-650	Motor	**4.9309.022**
05-15-653	Motor	**4.9309.011**
05-15-708	Motor	**4.9309.013**
05-15-710	Motor	**01-24537-04**
05-15-711	Motor	**4.9309.014**
05-15-712	Motor	**4.9309.015**
05-16-501	Wire	**0.3442.001**
05-16-502	Wire	**0.3442.002**
05-16-503	Wire	**0.3442.003**
05-16-504	Wire	**0.3442.004**
05-16-505	Cable	**0.3442.005**
05-16-506	Cable	**0.3442.006**
05-16-507	Cable	**0.3442.007**
05-17-526	Cable	**0.3452.001**
05-17-527	Cable	**0.3452.002**
05-17-530	Tubular rivet	**0.3452.450**
05-17-531	Flat pin sleeve	**0.3452.350**
05-17-533	Fuse	**0.3452.150**
05-17-534	Fuse	**0.3452.151**
05-17-535	Fuse	**0.3452.152**
05-17-536	Protection sleeve	**0.3452.003**
05-17-537	Cable terminal	**0.3452.410**
05-17-538	Cable terminal	**0.3452.411**
05-17-541	Screwed hosejoint	**0.3452.100**
05-17-542	Hose	**0.3452.101**
05-17-545	Contact housing AMP 1-967402-1	**0.3452.050**
05-17-546	Wire shoe pin	**0.3452.051**
05-17-547	Lock key	**0.3452.052**
05-17-548	Bundle band	**0.3452.600**
05-17-549	Brush/Radio Dist. Set	**0.3452.200**
05-17-551	Capacitor	**0.3452.420**

Old art.no.	Description	New art.no.
05-17-552	Drossel	**0.3452.550**
05-17-553	Resistance	**0.3452.421**
05-17-554	Contact Molex	**0.3452.250**
05-17-555	Cable cap	**0.3452.251**
05-17-556	Sleeve Molex	**0.3452.252**
05-17-557	Marking Partex	**0.3452.253**
05-17-558	Contact housing	**0.3452.007**
05-17-559	Pin amp	**0.3452.004**
05-17-560	Pin seal	**0.3452.005**
05-17-561	Seal plug	**0.3452.006**
05-17-563	Cable terminal	**0.3452.500**
05-17-565	Clip	**0.3452.103**
05-17-566	Sleeve Molex	**0.3452.301**
05-17-567	Varistor	**0.3452.430**
05-17-568	Corrug Prot house	**0.3452.104**
05-17-569	Wire shoe pin	**0.3452.053**
05-17-570	Fuse	**0.3452.400**
05-17-572	Sleeve	**0.3452.300**
05-18-500	Micro switch	**0.3455.050**
05-18-502	Micro switch	**0.3455.051**
05-18-503	Micro switch	**0.3455.001**
05-18-505	Pressure switch	**0.3455.100**
05-18-506	Micro switch	**0.3455.150**
05-19-4	Lip seal	**0.2233.402**
05-19-503	V-ring	**0.2230.015**
05-19-505	V-ring	**0.2230.319**
05-19-506	V-ring	**0.2230.322**
05-19-507	Nilos Ring	**0.2232.066**
05-20-115	Mech.seal	**0.2247.050**
05-20-118	Mech.seal	**0.2247.051**
05-20-121	Mech.seal	**0.2247.001**
05-20-121V	Mech.seal	**0.2247.002**
05-20-122	Mech.seal	**0.2247.003**
05-20-501	Mech.seal	**0.2247.004**
05-20-501V	Mech.seal	**0.2247.005**
05-20-502	Mech.seal	**0.2247.006**
05-20-502V	Mech.seal	**0.2247.007**
05-20-503	Mech.seal	**0.2247.080**
05-20-505	Mech.seal	**0.2247.008**
05-20-505V	Mech.seal	**0.2247.009**
05-20-509	Mech.seal	**0.2247.010**
05-20-509V	Mech.seal	**0.2247.011**
05-20-523	Mech.seal	**0.2247.012**
05-20-524	Mech.seal	**0.2247.013**
05-20-525	Mech.seal	**0.2247.014**
05-20-537	Mech.seal	**0.2247.016**
05-20-538	Mech.seal	**0.2247.017**
05-20-539	Mech.seal	**0.2247.018**
05-20-540	Mech.seal	**0.2247.019**
05-20-541	Mech.seal	**0.2247.020**
05-20-542	Mech.seal	**0.2247.021**
05-20-543	Mech.seal	**0.2247.022**
05-22-501	Spring	**01-46796-01**
05-22-502	Spring	**01-46796-02**
05-22-503	Spring	**01-46796-03**
05-22-505	Spring	**01-46796-04**
05-22-506	Spring	**01-46796-05**

Crosslist old part numbers - new part numbers

Old art.no.	Description	New art.no.
05-23-501	Cable seal	**0.3452.651**
05-23-502	Cable seal	**0.3452.652**
05-23-503	Cable seal	**0.3452.650**
05-24-506	Lever	**0.3447.001**
05-26-102	Back valve	**0.2311.001**
05-26-521	Back valve	**0.2311.002**
05-26-523	Back valve	**0.2311.003**
05-29-105	Lip seal	**0.2233.001**
05-29-108	Lip seal	**0.2233.002**
05-29-108V	Lip seal	**0.2234.001**
05-29-11	Lip seal	**0.2233.401**
05-29-115	Lip seal	**0.2233.003**
05-29-117	Lip seal	**0.2233.004**
05-29-118	Lip seal	**0.2234.337**
05-29-120	Lip seal	**0.2233.005**
05-29-122	Lip seal	**0.2233.350**
05-29-125	Lip seal	**0.2233.006**
05-29-135	Lip seal	**0.2233.007**
05-29-137	Lip seal	**0.2233.008**
05-29-138	Lip seal	**0.2233.009**
05-29-139	Lip seal	**0.2233.010**
05-29-140	Lip seal	**0.2234.002**
05-29-141	Lip seal	**0.2234.003**
05-29-142	Lip seal	**0.2233.011**
05-29-143	Lip seal	**0.2233.012**
05-29-21	Lip seal	**0.2233.482**
05-29-501	Lip seal	**0.2233.013**
05-29-502	Lip seal	**0.2233.200**
05-29-503	Lip seal	**0.2234.004**
05-29-504	Lip seal	**0.2233.014**
05-29-506	Lip seal	**0.2234.005**
05-29-508	Lip seal	**0.2233.015**
05-29-510	Lip seal	**0.2233.250**
05-29-511	Lip seal	**0.2233.300**
05-29-512	Lip seal	**0.2234.006**
05-29-513	Lip seal	**0.2233.251**
05-29-515	Lip seal	**0.2233.252**
05-29-516	Lip seal	**0.2233.301**
05-29-517	Lip seal	**0.2233.016**
05-29-519	Lip seal	**0.2233.017**
05-29-520	Lip seal	**0.2233.018**
05-29-521	Lip seal	**0.2233.019**
05-29-523	Lip seal	**0.2233.020**
05-29-524V	Lip seal	**0.2234.007**
05-29-525	Lip seal	**0.2233.023**
05-29-526	Lip seal	**0.2233.351**
05-29-527	Lip seal	**0.2233.021**
05-29-529	Lip seal	**0.2234.502**
05-29-530	Lip seal	**0.2233.022**
05-29-531V	Lip seal	**0.2234.008**
05-29-533	Lip seal	**0.2234.009**
05-29-534	Lip seal	**0.2234.010**
05-29-535	Lip seal	**0.2234.011**
05-29-536	Lip seal	**0.2234.012**
05-29-537	Lip seal	**0.2233.201**
05-29-8	Lip seal	**0.2233.400**
05-30-519	Hose clamp	**0.2819.103**
05-30-520	Hose clamp	**0.2819.104**
05-32-1	El.magn.clutch	**0.3454.001**
05-32-105	Coupling half	**0.3446.001**
05-32-106	Coupling half	**0.3446.002**
05-32-118	Coupling joint	**0.3446.003**
05-32-120	Coupling joint	**0.3446.004**
05-32-2	El.magn.clutch	**0.3454.002**
05-32-3	El.magn.clutch	**0.3454.003**
05-32-4	El.magn.clutch	**0.3454.004**
05-32-7	Coil	**0.3454.050**
05-32-8	Coil	**0.3454.051**
05-34-1	Circlip	**0.0370.015**
05-34-105	Circlip	**0.0370.516**
05-34-107	Circlip	**0.0370.020**
05-34-108	Circlip	**0.0370.525**
05-34-117	Circlip	**0.0371.047**
05-34-118	Circlip	**0.0371.062**
05-34-128	Circlip	**0.0370.040**
05-34-129	Circlip	**0.0371.080**
05-34-130	Circlip	**0.0371.040**
05-34-131	Circlip	**0.0371.028**
05-34-2	Circlip	**0.0371.035**
05-34-21	Circlip	**0.0370.017**
05-34-22	Circlip	**0.0370.517**
05-34-25	Circlip	**0.0371.052**
05-34-501	Circlip	**0.0370.012**
05-34-502	Circlip	**0.0371.072**
05-34-503	Circlip	**0.0371.600**
05-34-504	Circlip	**0.0371.624**
05-34-505	Circlip	**0.0370.030**
05-34-507	Circlip	**0.0371.042**
05-34-508	Circlip	**0.0370.535**
05-34-509	Circlip	**0.0369.001**
05-34-511	Circlip	**0.0371.732**
05-34-512	Circlip	**0.0370.025**
05-34-513	Circlip	**0.0371.090**
05-34-514	Circlip	**0.0371.068**
05-34-515	Circlip	**0.0370.035**
05-34-9	Circlip	**0.0357.002**
05-35-7	Vac on switch	**0.3455.105**
05-39-01	Plug	**0.0633.701**
05-39-02	Plug	**0.0633.702**
05-39-03	Plug	**0.0633.703**
05-39-04	Plug	**0.0633.704**
05-39-05	Plug	**0.0633.705**
05-39-06	Plug	**0.0633.706**
05-39-07	Plug	**Obsolete**
05-39-08	Plug	**0.0633.708**
05-39-09	Plug	**0.0633.709**
05-39-10	Plug	**0.0633.710**
05-39-11	Plug	**0.0633.711**
05-39-12	Plug	**0.0633.712**
05-39-13	Plug	**0.0633.713**
05-39-14	Plug	**0.0633.714**
05-39-15	Plug	**0.0633.715**
05-39-16	Plug	**0.0633.716**
05-39-17	Plug	**0.0633.717**

Crosslist old part numbers - new part numbers

Old art.no.	Description	New art.no.
05-39-18	Plug	**0.0633.718**
05-39-19	Plug	**0.0633.719**
05-39-20	Plug	**0.0633.720**
05-39-21	Plug	**0.0633.721**
05-39-22	Plug	**0.0633.722**
05-39-23	Plug	**0.0633.723**
05-39-24	Plug	**0.0633.724**
05-39-26	Plug	**0.0633.725**
05-39-28	Plug	**0.0633.726**
05-40-06	Carton	**0.3444.039**
05-40-07	Carton	**0.3444.040**
05-40-10	Carton	**0.3444.041**
05-40-11	Carton	**0.3444.042**
05-40-12	Carton	**0.3444.043**
05-40-13	Carton	**0.3444.044**
05-40-14	Carton	**0.3444.045**
05-40-15	Carton	**0.3444.046**
05-40-16	Carton	**0.3444.047**
05-40-501	Carton	**0.3444.001**
05-40-502	Carton	**0.3444.002**
05-40-503	Carton	**0.3444.003**
05-40-504	Carton	**0.3444.004**
05-40-505	Carton	**0.3444.005**
05-40-506	Carton	**0.3444.006**
05-40-510	Carton	**0.3444.007**
05-40-511	Carton	**0.3444.008**
05-40-512	Carton	**0.3444.009**
05-40-520	Plastic bag	**0.3444.010**
05-40-521	Carton	**0.3444.011**
05-40-522	Carton	**0.3444.012**
05-40-523	Carton	**0.3444.013**
05-40-524	Carton	**0.3444.014**
05-40-525	Carton	**0.3444.015**
05-40-526	Carton	**0.3444.016**
05-40-527	Carton	**0.3444.017**
05-40-528	Carton	**0.3444.018**
05-40-529	Carton	**0.3444.019**
05-40-530	Carton	**0.3444.020**
05-40-531	Plastic bag	**0.3444.021**
05-40-532	Plastic bag	**0.3444.022**
05-40-533	Carton	**0.3444.023**
05-40-534	Carton	**0.3444.024**
05-40-535	Carton	**0.3444.025**
05-40-536	Plastic bag	**0.3444.026**
05-40-537	Carton	**0.3444.027**
05-40-538	Carton	**0.3444.028**
05-40-539	Plastic bag	**0.3444.029**
05-40-540	Plastic bag	**0.3444.030**
05-40-541	Plastic bag	**0.3444.031**
05-40-542	Carton	**0.3444.032**
05-40-543	Carton	**0.3444.033**
05-40-544	Carton	**0.3444.034**
05-40-545	Plastic bag	**0.3444.035**
05-40-546	Plastic bag	**0.3444.036**
05-40-547	Plastic bag	**0.3444.037**
05-40-548	Carton	**0.3444.038**
05-40-549	Carton	**0.3444.048**

Old art.no.	Description	New art.no.
05-40-550	Carton	**0.3444.049**
05-53-500	Manometer	**0.2671.725**
09-20-115	Mech.seal cpl	**09-0.2247.050**
09-20-118	Mech.seal cpl	**09-0.2247.051**
09-20-121	Mech.seal cpl	**09-0.2247.001**
09-20-121V	Mech.seal cpl	**09-0.2247.002**
09-20-122	Mech.seal cpl	**09-0.2247.003**
09-20-501	Mech.seal cpl	**09-0.2247.004**
09-20-501V	Mech.seal cpl	**09-0.2247.005**
09-20-502	Mech.seal cpl	**09-0.2247.006**
09-20-503	Mech.seal cpl	**09-0.2247.080**
09-20-505	Mech.seal cpl	**09-0.2247.008**
09-20-509	Mech.seal cpl	**09-0.2247.010**
09-20-509V	Mech.seal cpl	**09-0.2247.011**
09-20-539	Mech.seal cpl	**09-0.2247.018**

Glossary

Swedish	English
Artikelnummer ogiltiga	Article numbers obsolete
Axel	Shaft
Bult	Bolt
Bussning	Bushing
Distanshylsa	Spacer
Distansring	Spacer
Elektrofriktionskoppling	Electromagnetic clutch
Excenterkoppling	Eccentric coupling
Fläns	Flange
Gummibricka	Rubber washer
Impeller	Impeller
Kam	Cam
Kastarring	Slinger
Kil	Key
Koppling	Coupling
Kugghjul	Gear
Kullager	Ball bearing
Lagerfot	Pedestal

Swedish	English
Lagerhus	Bearing house
Lock	Endcover
Låsbricka	Lockwasher
Låsring	Retaining ring
Läpptätning	Lip seal
Medbringare	Coupling, Carrier
Mekanisk tätning	Mechanical seal
Mutter	Nut
Packning	Gasket
Pumphus	Pump body
Remskiva	Pulley
Skruv	Screw
Slangbussning	Tube bushing
Slitbricka	Wearplate
Stift	Pin
Woodruffkil	Woodruff key

OEM-Engine cooling pumps

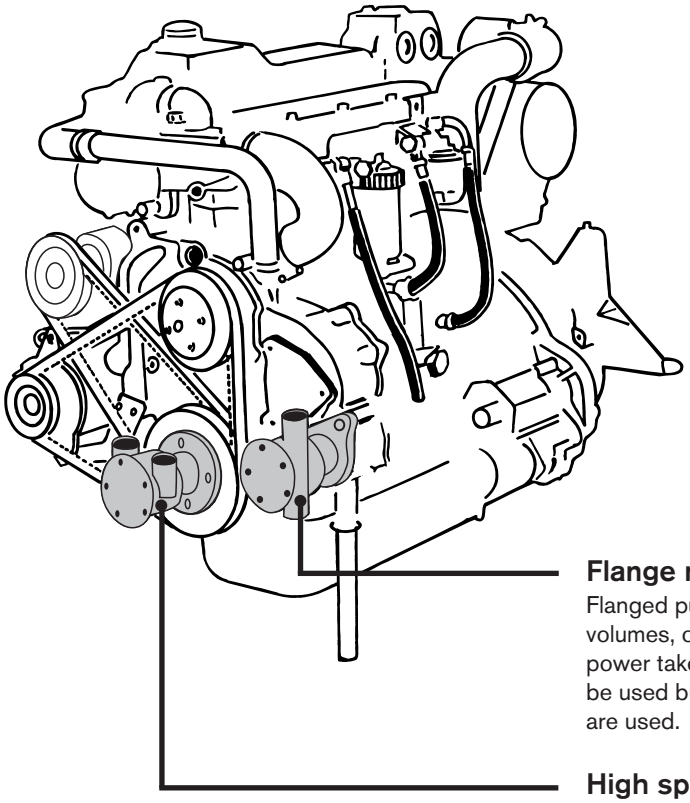
Flange-mounted

High Speed

Dual

Engine cooling

SPX Johnson Pump engine cooling pumps, the F-series (flexible impeller pumps) are available in several different styles and sizes to satisfy different cooling system needs. Flanged pumps which mount directly to the engine and crank shaft pulley mounted pumps are available for a wide variety of engines. SPX Johnson Pump is the original equipment pump supplier to the largest manufacturers world-wide of inboard engines. Pump ports are available in sizes from $^{3}/_{8}$" to $2^{1}/_{2}$".



Flange mounted pumps

Flanged pumps are normal pumps produced in high volumes, customer designed for flange-mounting at a power take off of the engine. Different types of drives can be used but mainly gears or any type of driving members are used.

High speed pumps

These pumps are designed for direct installation on the engine crank shaft pulley. For some engines an adaptor kit for the engine crank shaft pulley is available.

To prevent the pump from rotating, a torque bracket from the fastening point on the pump body to a suitable point on the engine has to be used.

Dual purpose pumps

The most common applications for dual purpose pumps involve the addition of a second cooling pump or a bilge pump on to an existing pump.

OEM-Engine cooling pumps

Please note that not all pumps listed here are currently in production. Refer to price list for actual production.
Also note that some pumps are available only from engine manufacturers. Refer to the engine reference list in this volume.

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10-13088	F8B-9	Flange mounted	244	10-24020	F7B-9	Flange mounted	169
10-13095	F9B-9	Flange mounted	265	10-24026	F8B-903	Flange mounted	256
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F6B-9	10-24302	321
F6B-9	10-24316	323

Pump	Art. No.	Page
F7B-9	10-24338	324
F7B-9	10-24428	327

Dual

Pump	Art. No.	Page
F35B-9	10-24143	328
F35B	10-24638	331
F35B/F35B-9	10-35065	332
F35B/F35B-9	10-35066	333
F35B-9	10-35141	334
F35B/F35B-9	10-35731	337

Pump	Art. No.	Page
F4B/F4B-8	10-24095	338
F4B/F4B-9	10-24097	339
F4B/F4B-9	10-24124	340
F4B-9	10-24144	341
F4B-9	10-24164	342
F4B-9	10-24165	343
F4B-9	10-24166	344
F4B-9	10-24167	345
F4B-9	10-35142	346
F4B-9	10-35205	347

Pump	Art. No.	Page
F5B/F4B-9	10-24047	348

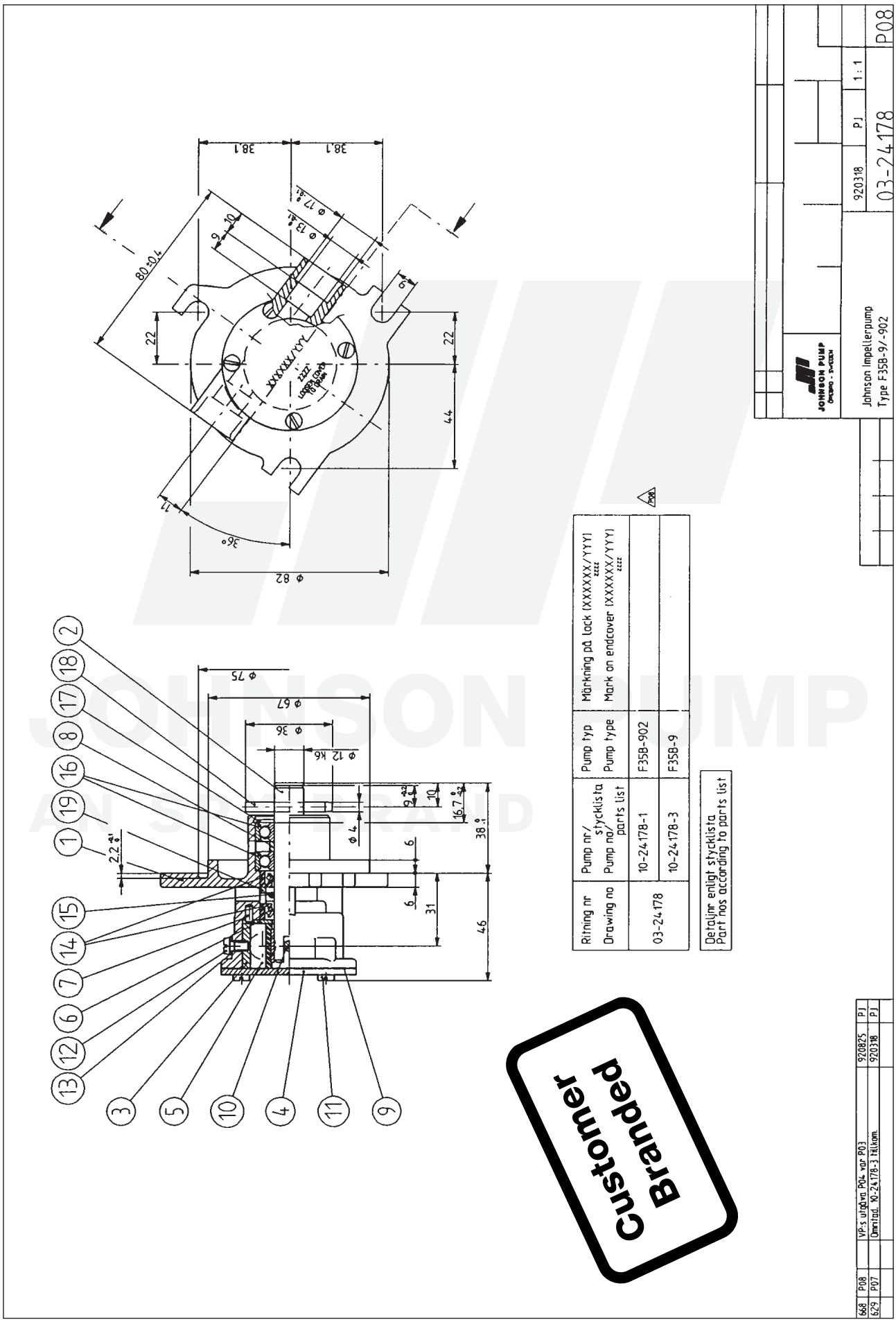
Pump	Art. No.	Page
F7B/F9B	10-13064	349
F75B-9/F7B-9	10-13142	351

F35B-9/903 Impeller Pump

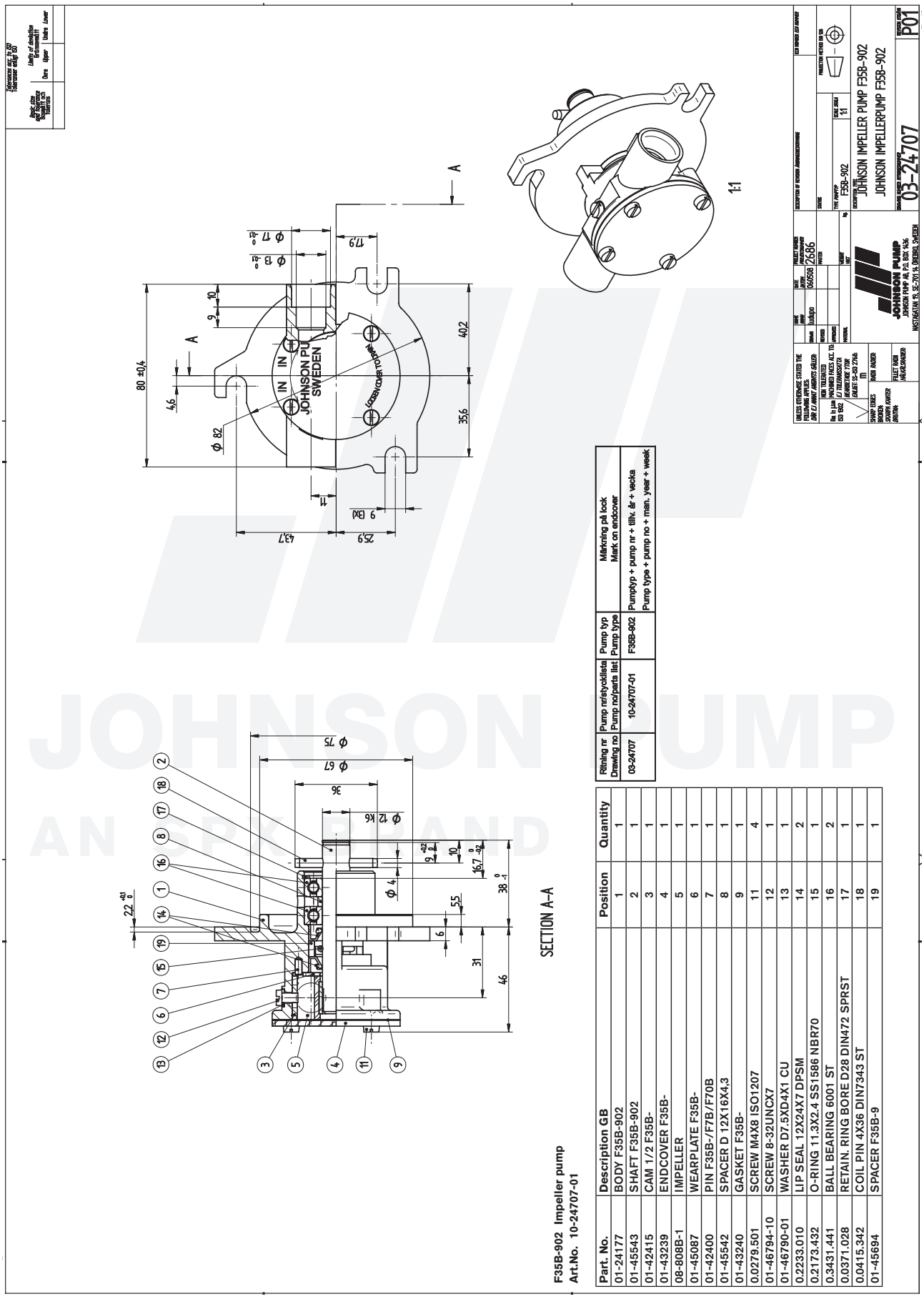
Art. No. 10-24178-3

Part no.	Description GB	Position	Quantity
0.0279.501	SCREW M4X8 ISO1207	11	4
0.0371.028	RETAIN. RING BORE D28 DIN472 SPRST	17	1
0.0415.342	COIL PIN 4X36 DIN7343 ST	18	1
0.2173.432	O-RING 11.3X2.4 SS1586 NBR70	15	1
0.2233.010	LIP SEAL 12X24X7 DPSM	14	2
0.3431.441	BALL BEARING 6001 ST	16	2
01-24177	BODY F35B-902	1	1
01-42400	PIN F35B-/F7B/F70B	7	1
01-42910	CAM 1/1 F35B-	3	1
01-43240	GASKET F35B-	9	1
01-45087	WEARPLATE F35B-	6	1
01-45542	SPACER F35B-902	8	1
01-45543	SHAFT F35B-902	2	1
01-45570	ENDCOVER F35B-9 (VP)	4	1
01-45694	SPACER F35B-9	19	1
01-46790-01	WASHER D7.5XD4X1 CU	13	1
01-46794-03	SCREW 8-32UNCX8	12	1
08-808B-11	IMPELLER VP3586501	5	1

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB


Johnson Impellerpump
Type F35B-9/-902
03-24178
P08
Customer Branded
Ritning nr / Drawing no
Pump nr/ stycklista / Pump no/ parts list
Pump typ / Pump type
Märkning på lock (XXXXXX/YYYY zzzz) / Mark on endcover (XXXXXX/YYYY zzzz)
03-24178
10-24178-1
F35B-902
10-24178-3
F35B-9
Detaljnr enligt stycklista
Part nos according to parts list

10-24707 pump F35B-9



F35B-902 Impeller pump
Art.No. 10-24707-01

Part. No.	Description GB	Position	Quantity
01-24177	BODY F35B-902	1	1
01-45543	SHAFT F35B-902	2	1
01-42415	CAM 1/2 F35B-	3	1
01-43239	ENDCOVER F35B-	4	1
08-808B-1	IMPELLER	5	1
01-45087	WEARPLATE F35B-	6	1
01-42400	PIN F35B-/F7B/F70B	7	1
01-45542	SPACER D 12X16X4,3	8	1
01-43240	GASKET F35B-	9	1
0.0279.501	SCREW M4X8 ISO1207	11	4
01-46794-10	SCREW 8-32UNCX7	12	1
01-46790-01	WASHER D7.5XD4X1 CU	13	1
0.2233.010	LIP SEAL 12X24X7 DPSM	14	2
0.2173.432	O-RING 11.3X2.4 SS1586 NBR70	15	1
0.3431.441	BALL BEARING 6001 ST	16	2
0.0371.028	RETAIN. RING BORE D28 DIN472 SPRST	17	1
0.0415.342	COIL PIN 4X36 DIN7343 ST	18	1
01-45694	SPACER F35B-9	19	1

Ritning nr Drawing no	Pump reservdelslista Pump no/parts list	Pump typ Pump type	Märkning på lock Mark on endcover
03-24707	10-24707-01	F35B-902	Pumptyp + pump nr + tillv. år + vecka Pump type + pump no + man. year + week

JOHNSON PUMP
AN SPX BRAND

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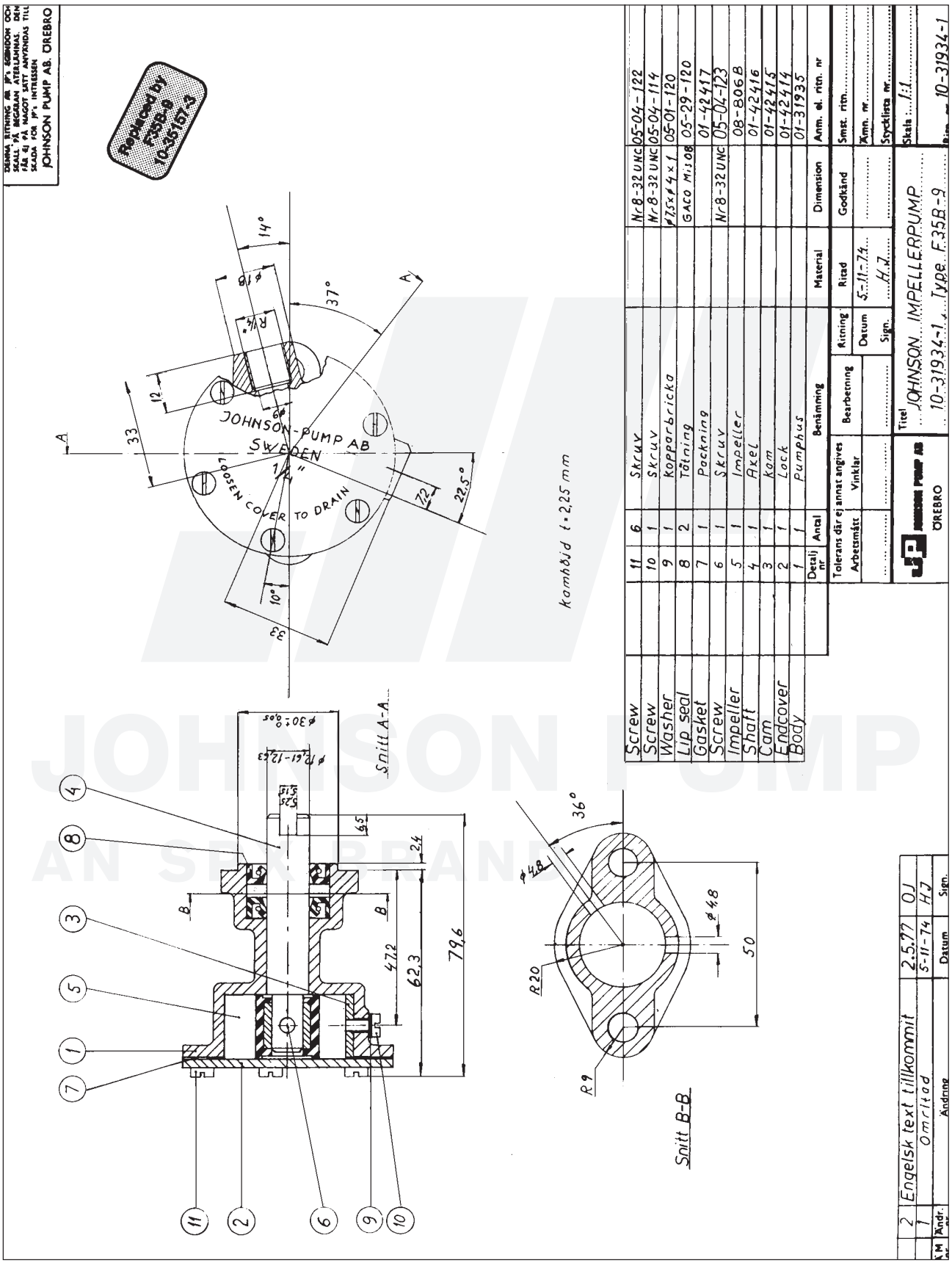
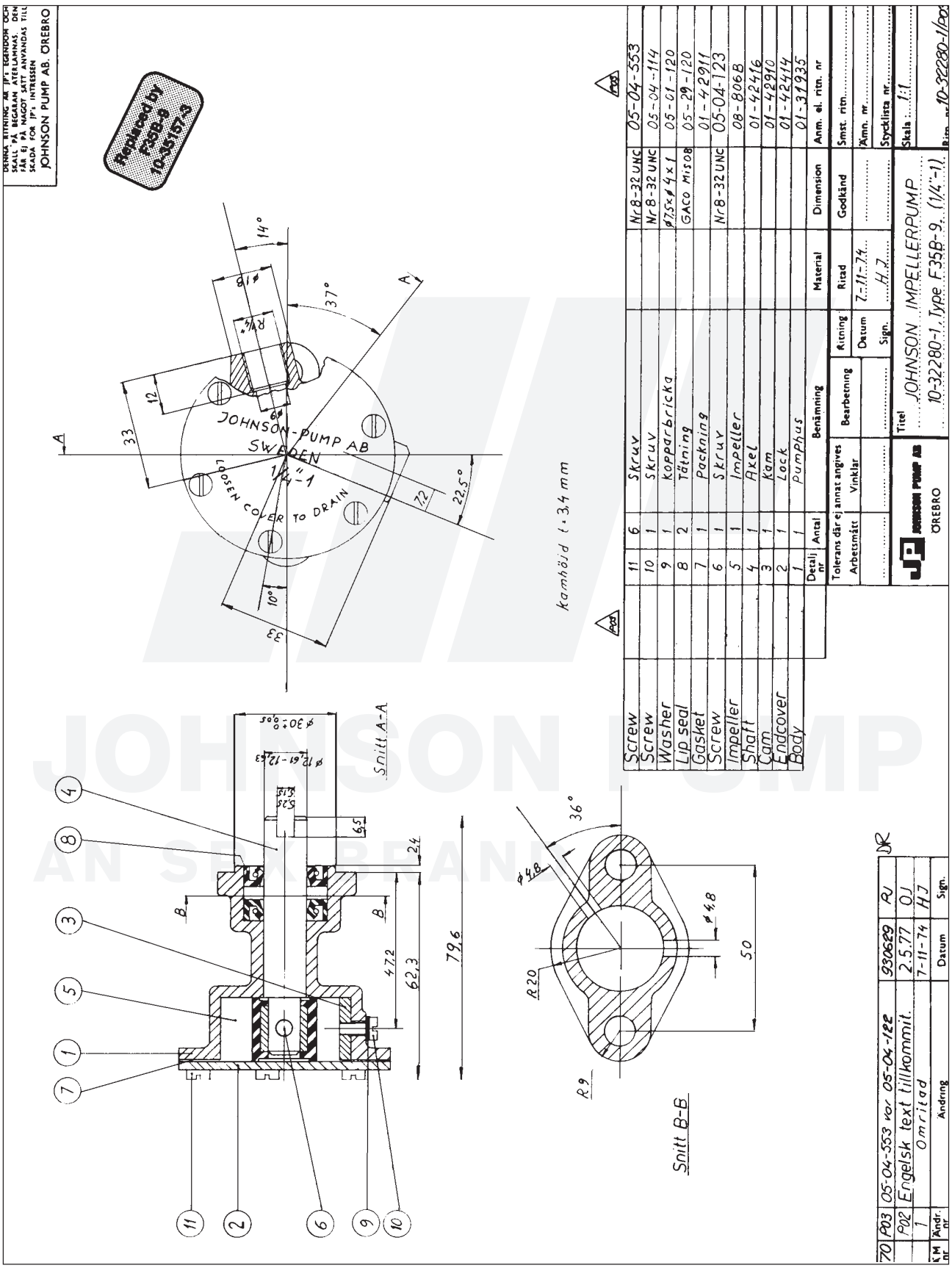
10-31934 pump F35B-9



JOHNSON PUMP AN SPX BRAND

10-32280 pump F35B-9



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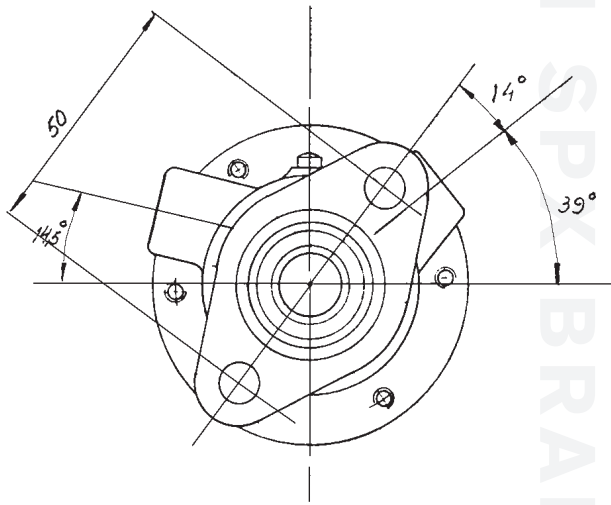
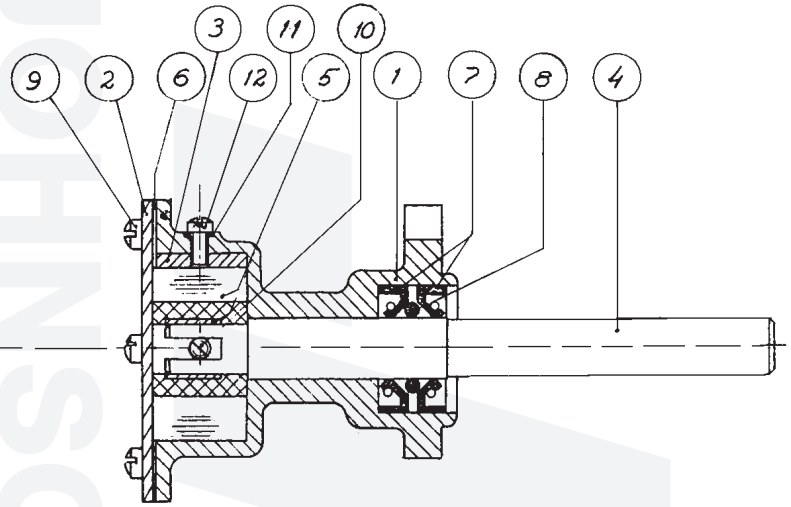
The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB

Nr	Ar		Datum	Sign.
22	1	Impeller P42472 ersatt	2.6 1971	



Anslutningar WR 1/4" inv



F35B-9 Impeller pump
Art. No. 10-32388-1

Part No.	Description SE	Position	Quantity
01-31935	Pumphus	1	1
01-42414	Lock	2	1
01-42415	Kam	3	1
01-42870	Axel	4	1
08-806B	Impeller	5	1
01-42417	Packning	6	1
05-29-120	Tätning	7	2
05-06-500	O-ring	8	1
05-04-122	Skruv	9	6
05-04-123	Skruv	10	1
05-01-120	Kopparbricka	11	1
05-04-114	Skruv	12	1

Tolerans där ej annat angives Arbetsmått	Vinklar	Bearbetning	Ritning	Ritad	Godkänd	Smst. ritn.
			Datum	9.10.1970		Ers. ritn.
			Sign.			Stycklista nr

Johnson-Metall aktiebolag ÖREBRO

Titel: Impellerpump F35B-9, 1/4"

Skala: 1:1

Ritn. nr: 10-32388-1

JOHNSON PUMP AN SPX BRAND

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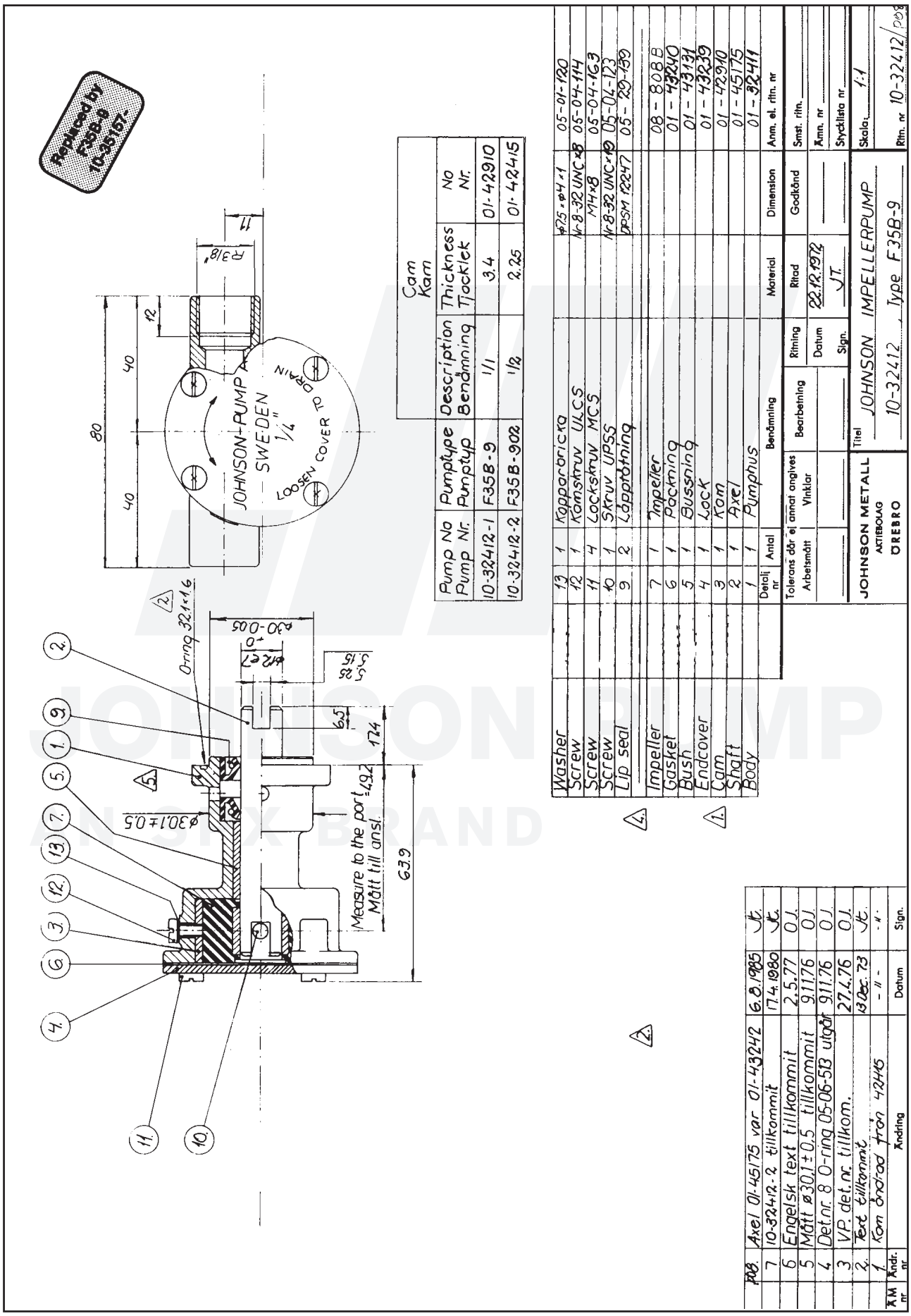
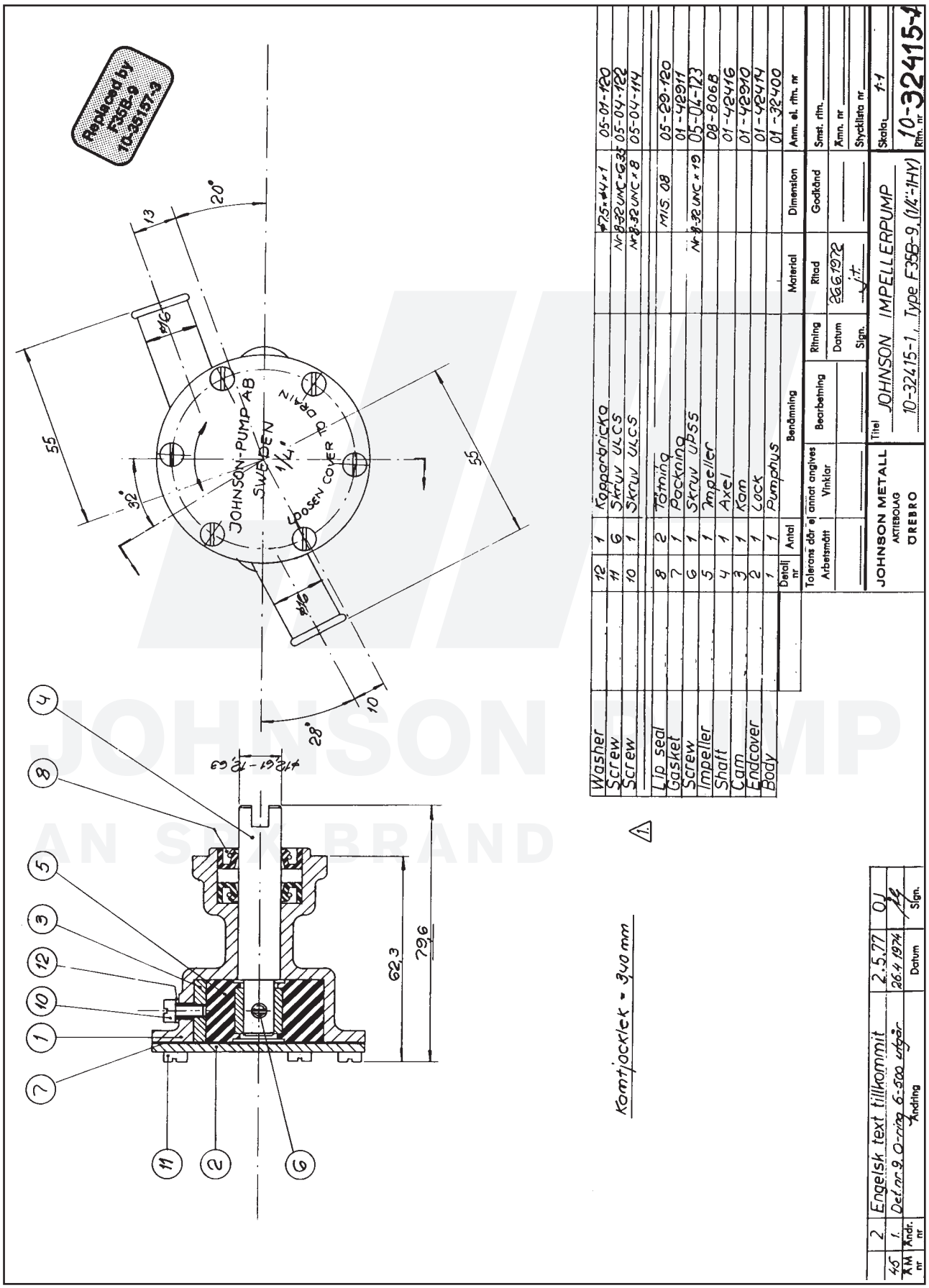
10-32412 pump F35B-9

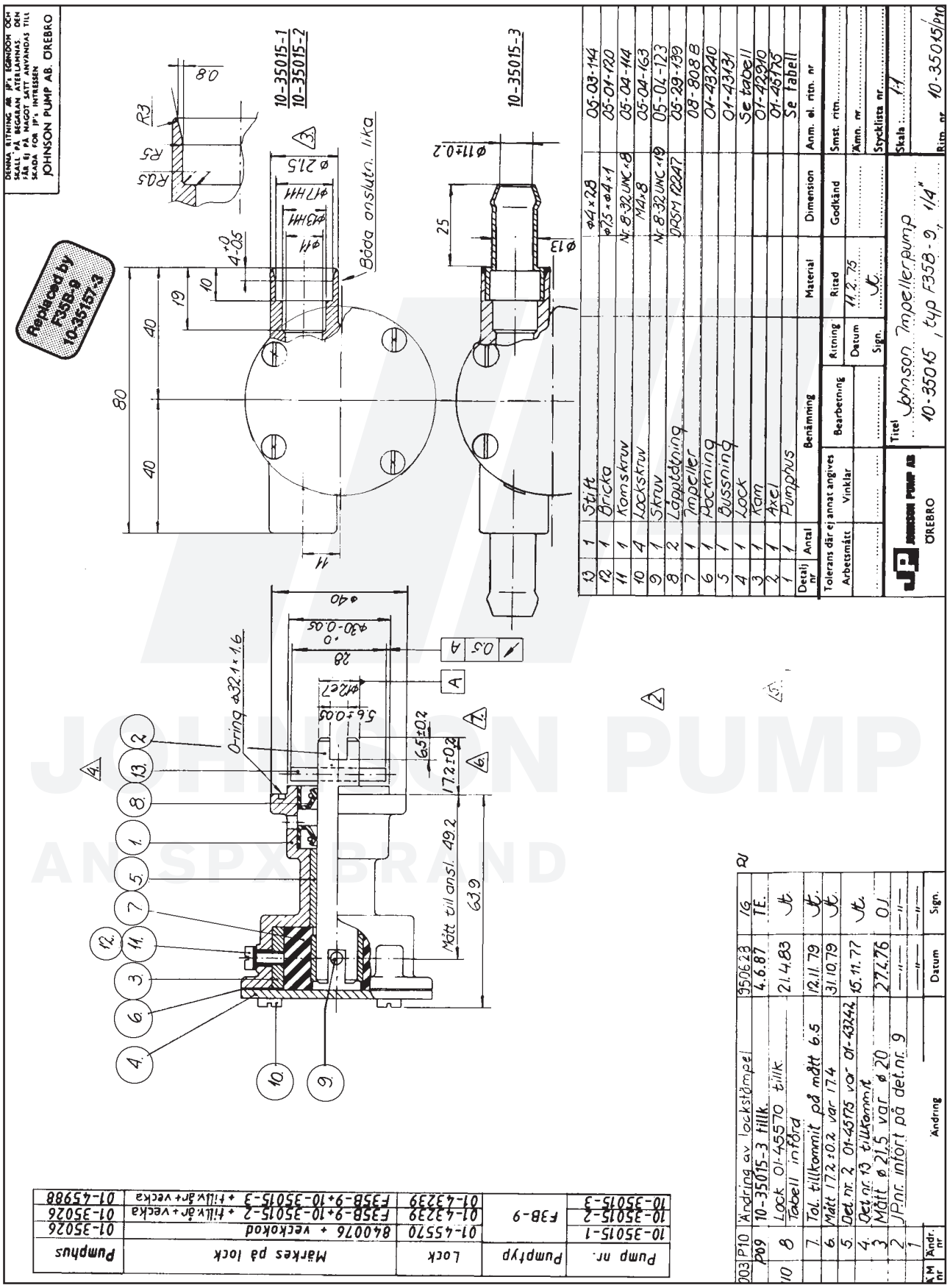


The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB



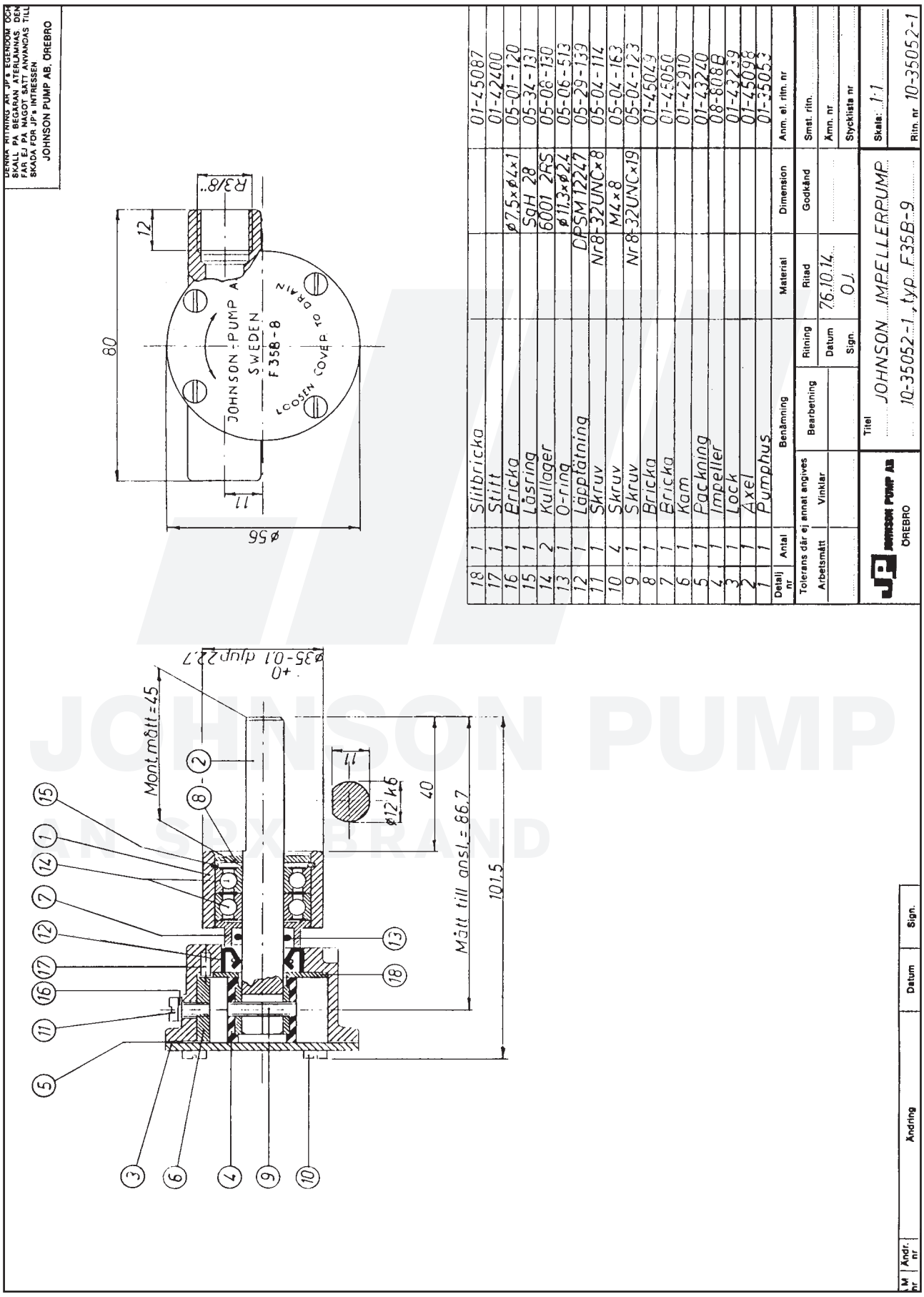
JOHNSON PUMP
AN SPX BRAND

10-35015 pump F35B-9



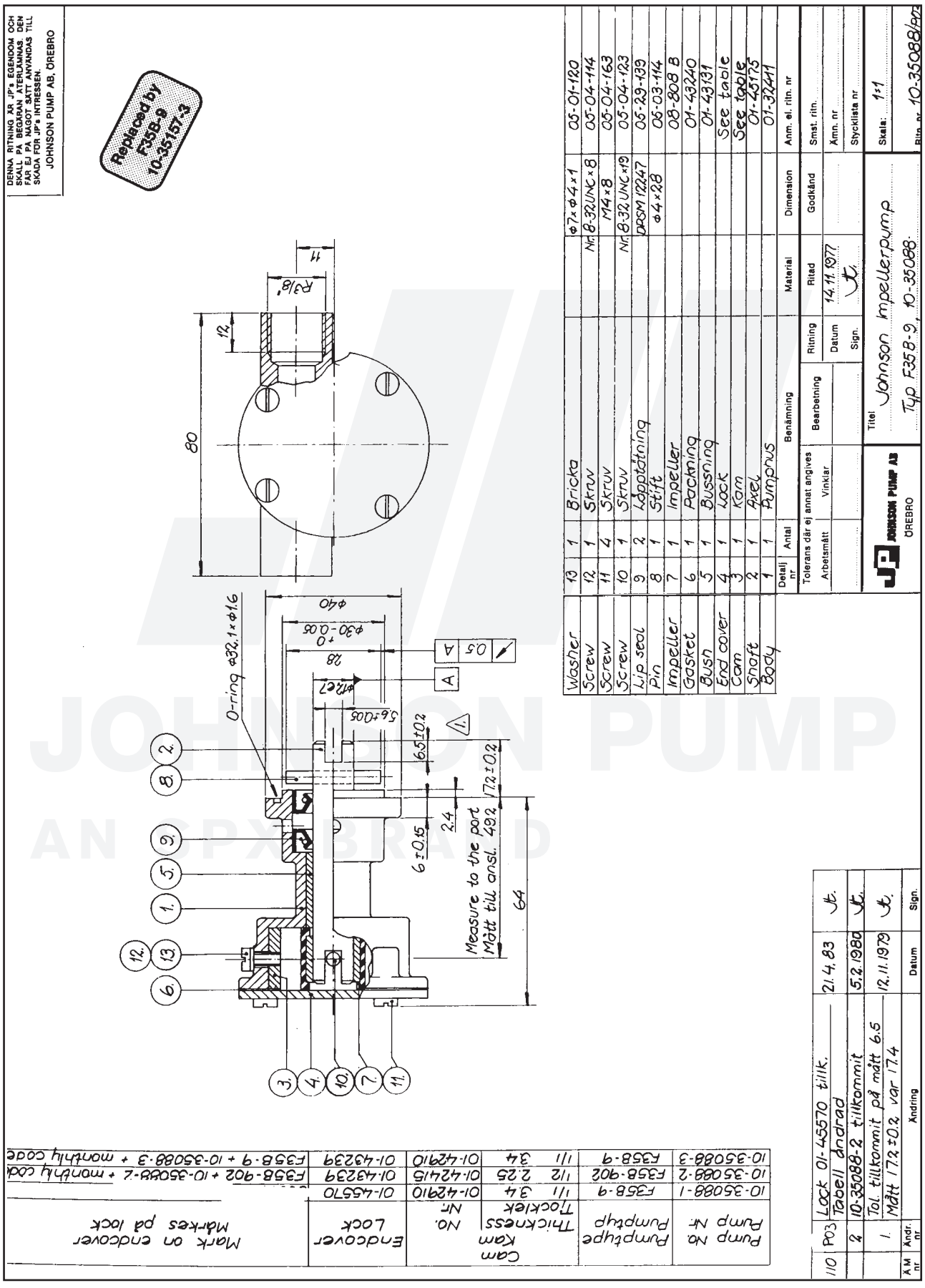
JOHNSON PUMP
AN SPX BRAND

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB



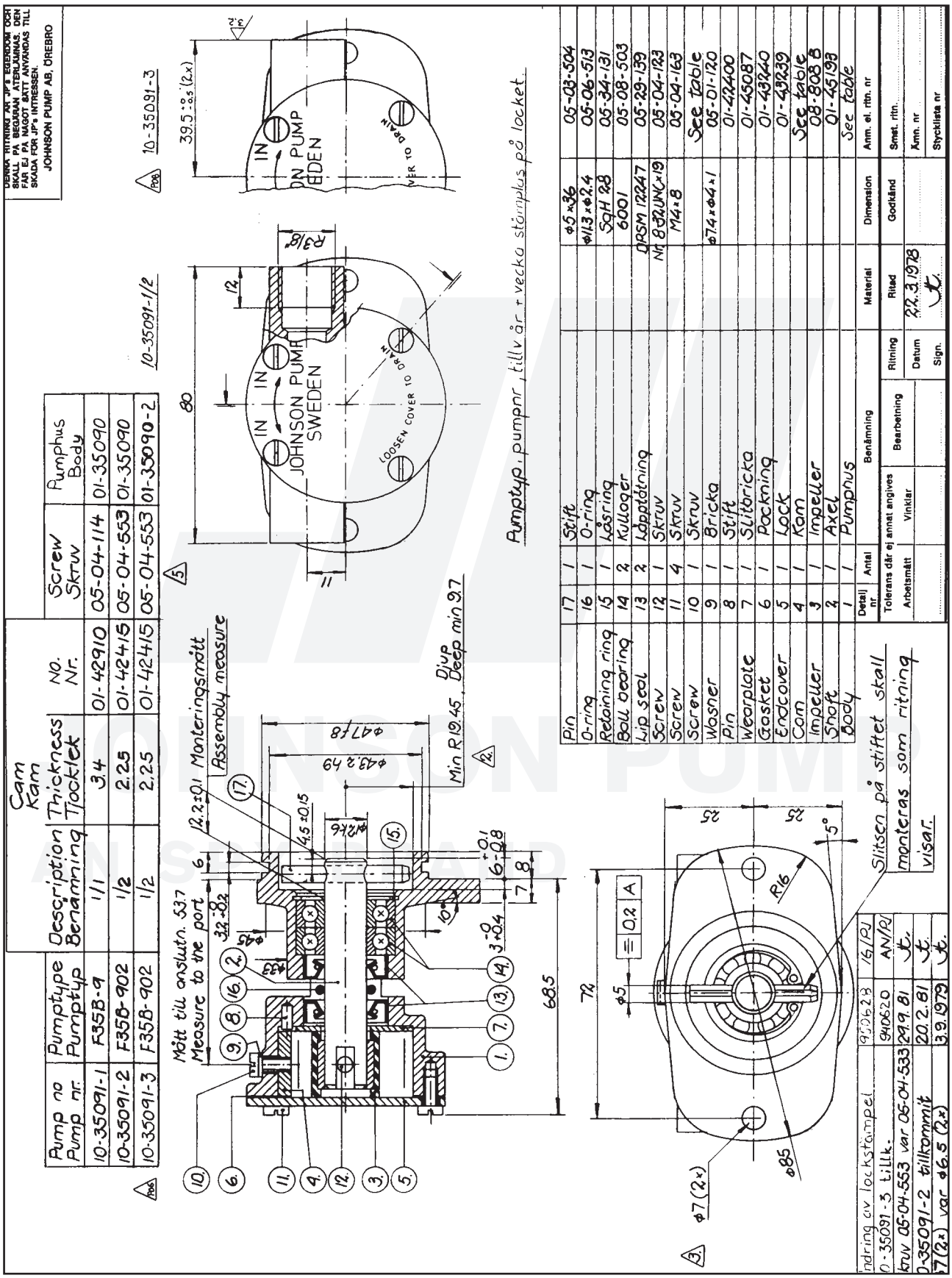
JOHNSON PUMP AN SPX BRAND

10-35088 pump F35B-9

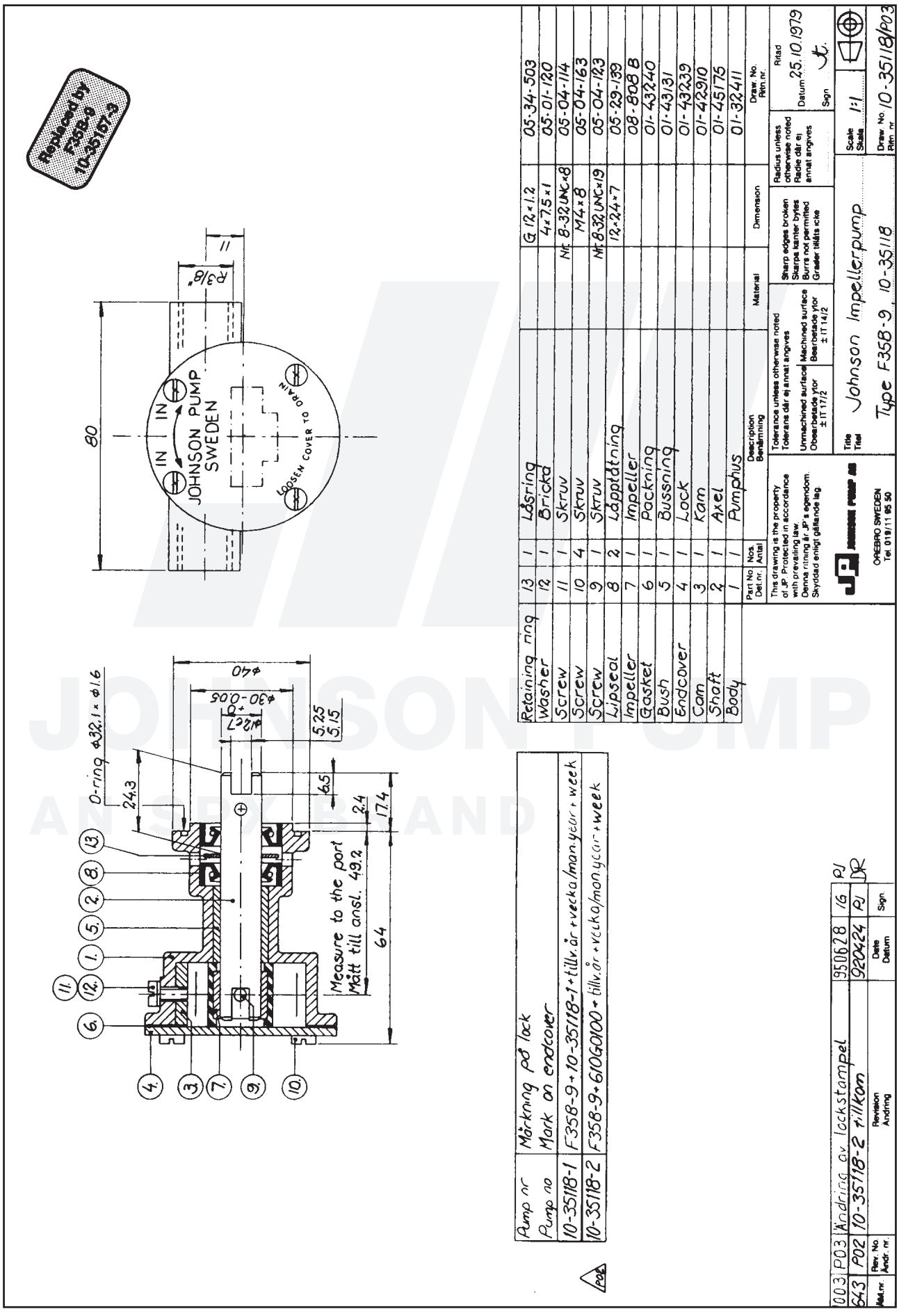


JOHNSON PUMP
AN SPX BRAND

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB


DENNA RITNING ÄR JP'S EGENDOM OCH FÅR EJ, UTAN ATT ÅTERLÄMNAS, DEN KOPIERAS ELLER PÅ NÅGOT ANNAT SÄTT ANVÄNDAS TILL SKADA FÖR JP:s INTRESSEN.
JOHNSON PUMP AB, ÖREBRO
Pump no Pump nr.
Pumptype Pumptyp
Description Benämning
Cam Kam
Thickness Tjocklek
No. Nr.
Screw Skruv
Pumphus Body
10-35091-1 F35B-9 1/1 3.4 01-42910 05-04-114 01-35090
10-35091-2 F35B-902 1/2 2.25 01-42415 05-04-553 01-35090
10-35091-3 F35B-902 1/2 2.25 01-42415 05-04-553 01-35090-2
10-35091-1/2
10-35091-3
Mått till anslutn. 537
Measure to the port
Assembly measure
Min R19.45
Djup Beep min 37
Pumptyp, pumpnr, tillv år + vecka stämplas på locket
Pin 17 1 Stift 05-03-504
O-ring 16 1 O-ring ø11.3 x ø2.4 05-06-513
Retaining ring 15 1 Låsring SqH 28 05-34-131
Ball bearing 14 2 Kullager 6001 05-08-503
Lip seal 13 2 Läpptätning ORSM 12247 05-29-139
Screw 12 1 Skruv Nt 8 32UNC x 19 05-04-123
Screw 11 4 Skruv M4 x 8 05-04-163
Screw 10 1 Skruv See table
Washer 9 1 Bricka ø7.4 x ø4 x 1 05-01-120
Pin 8 1 Stift 01-42400
Wearplate 7 1 Slitbricka 01-45087
Gasket 6 1 Packning 01-43240
Endcover 5 1 Lock 01-43239
Cam 4 1 Kam See table
Impeller 3 1 Impeller 08-808 8
Shaft 2 1 Axel 01-45193
Body 1 1 Pumphus See table
Detail nr
Antal
Benämning
Material
Dimension
Anm. el. rtn. nr
Tolerans där ej annat angives
Arbetsmått
Vinklar
Bearbetning
Ritning
Datum
Sign.
Ritad
22.3.1978
Godkänd
Smet. rtn.
Ändring av lockstämpel 950628 IG/PJ
0-35091-3 tillk. 940620 AN/PJ
Krav 05-04-553 var 06-04-533 249.81 JE.
0-35091-2 tillkommit 20.2.81 JE.
7(2x) var ø6.5 (2x) 3.9.1979 JE.
Slitsen på stiftet skall monteras som ritning visar.
Ändr nr
Stycklista nr

10-35118 pump F35B-9



Pump nr / Pump no	Märkning på lock / Mark on endcover
10-35118-1	F358-9+10-35118-1+tillv.år+vecka/man year+week
10-35118-2	F358-9+610G0100+tillv.år+vecka/man year+week

Part No / Det.nr.	Nos. / Antal	Description / Benämning	Material	Dimension	Draw. No. / Ritn.nr.
13	1	Låsring		G 12×1.2	05-34-503
12	1	Bricka		4×7.5×1	05-01-120
11	1	Skruv		M 8-32UNC×8	05-04-114
10	4	Skruv		M4×8	05-04-163
9	1	Skruv		M 8-32UNC×19	05-04-123
8	2	Läpptätning		12×24×7	05-29-139
7	1	Impeller			08-8088 B
6	1	Packning			01-43240
5	1	Bussning			01-43131
4	1	Lock			01-43239
3	1	Kam			01-42910
2	1	Axel			01-45175
1	1	Pumphus			01-32411

Retaining ring

Tolerance unless otherwise noted / Tolerans där ej annat anges
Unmachined surface / Obearbetade ytor ±1 11/2
Machined surface / Bearbetade ytor ±1 11 14/2
Sharp edges broken / Skarpa kanter bytes
Burrs not permitted / Grader tillåts icke
Radius unless otherwise noted / Radie där ej annat angives

This drawing is the property of JP. Protected in accordance with prevailing law. / Denna ritning är JP:s egendom. Skyddad enligt gällande lag

ÖREBRO SWEDEN Tel 019/11 95 50

Title / Titel: Johnson Impellerpump
Type F358-9 10-35118

Scale / Skala 1:1
Datum 25.10.1979
Sign
Ritad
Draw. No / Ritn. nr 10-35118/P03

Rev. No / Ändr. nr.	Revision / Ändring	Date / Datum	Sign.
P03	Ändring av lockstampel	950628	PJ
P02	10-35118-2 tillkom	920424	PJ

003
643

JOHNSON PUMP AN SPX BRAND

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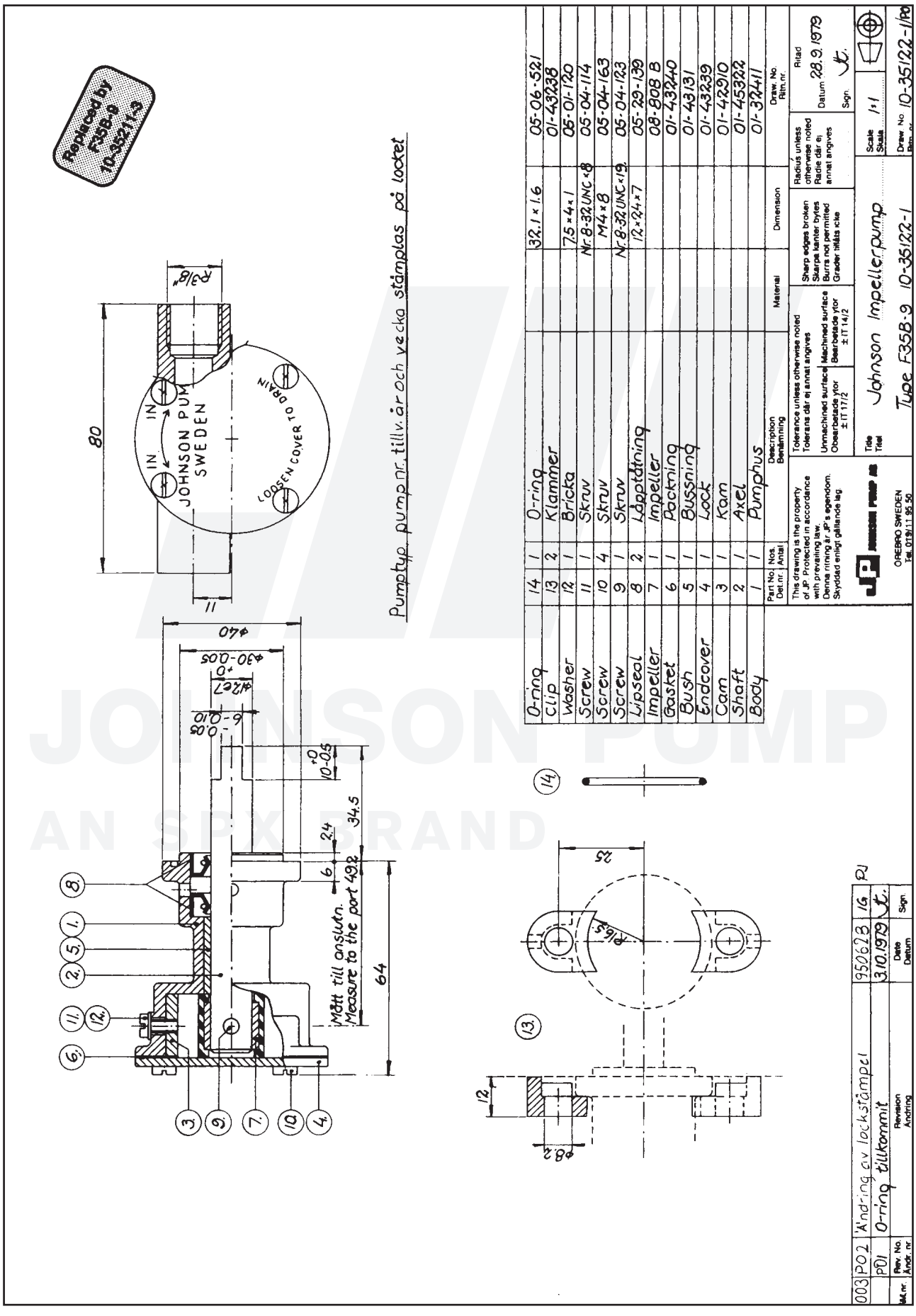

Part No. Det.nr.	Nos. Antal	Description Benämning	Material	Dimension	Draw. No. Ritn.nr.
14	1	O-ring		32.1×1.6	05-06-521
13	2	Klammer			01-43238
12	1	Bricka		7.5×4×1	05-01-120
11	1	Skruv		Nr.8-32 UNC×8	05-04-114
10	4	Skruv		M4×8	05-04-163
9	1	Skruv		Nr.8-32 UNC×19	05-04-123
8	2	Läpptätning		12×24×7	05-29-130
7	1	Impeller			08-808 B
6	1	Packning			01-43240
5	1	Bussning			01-43131
4	1	Lock			01-43239
3	1	Kam			01-42910
2	1	Axel			01-45322
1	1	Pumphus			01-32411

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Tolerance unless otherwise noted Tolerans där ej annat angives

Unmachined surface Obearbetade ytor ±IT 17/2

Machined surface Bearbetade ytor ±IT 14/2

Sharp edges broken Skarpa kanter bytes Burrs not permitted Grader tillåts ej

Radius unless otherwise noted Radie där ej annat angives

OREBRO SWEDEN Tel. 019/11 95 50

Title Titel: Johnson impellerpump

Type F35B-9 10-35122-1

Ritad Datum 28.9.1979 Sign. JE.

Scale Skala 1:1

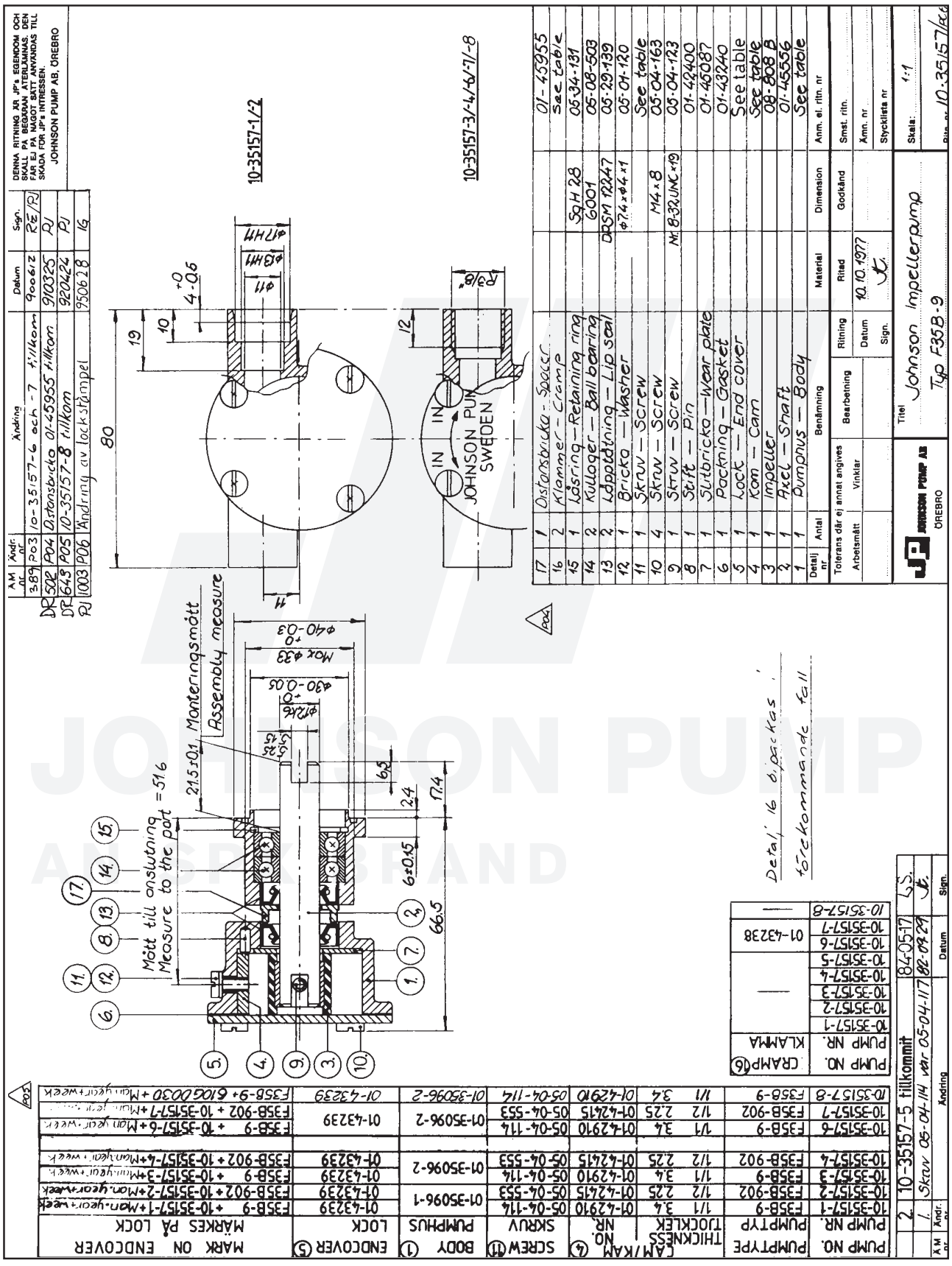
Draw. No 10-35122-1/80

Mat.nr.	Rev. No. Ändr. nr.	Revision Ändring	Date Datum	Sign
003 P02		Ändring av lockstämpel	950623	IG
	P01	O-ring tillkommit	3.10.1979	JE.

P1

JOHNSON PUMP AN SPX BRAND

10-35157 pump F35B-9



Detalj nr	Antal	Benämning	Material	Dimension	Anm. el. ritn. nr
17	1	Distansbricka - Spacer			01-45955
16	2	Klammer - Clamp			See table
15	1	Låsring - Retaining ring	SqH 28		05-34-191
14	2	Kullager - Ball bearing	6001		05-08-503
13	2	Läppdtätning - Lip seal	DRSM 12247		05-29-139
12	1	Bricka - Washer		ϕ74×ϕ44×1	05-01-120
11	1	Skruv - Screw			See table
10	4	Skruv - Screw		M4×8	05-04-163
9	1	Skruv - Screw		M 8-32UNC×19	05-04-123
8	1	Stift - Pin			01-42400
7	1	Slitbricka - Wear plate			01-46087
6	1	Packning - Gasket			01-43240
5	1	Lock - End cover			See table
4	1	Kam - Cam			See table
3	1	Impeller			08-808 B
2	1	Axel - Shaft			01-45556
1	1	Pumpus - Body			See table

Tolerans där ej annat angives: Arbetsmått / Vinklar

Bearbetning | Ritning | Ritad | Godkänd | Smst. ritn.

Datum | 10.10.1977

Sign. | J.E.

Titel: Johnson impellerpump Typ F35B-9

JOHNSON PUMP AB ÖREBRO

Skala: 1:1

Ritn. nr 10-35157/ac

DENNA RITNING ÄR JP:s EGENDOM OCH SKALL PÅ BEGÄRAN ÅTERLÄMNAS OM DEN FÅR EJ PÅ NÅGOT SÄTT ANVÄNDAS TILL SKADA FÖR JP:s INTRESSEN.
JOHNSON PUMP AB, ÖREBRO

Ändr. nr	Ändring	Datum	Sign.
3.89 P03	10-35157-6 och -7 tillkom	900612	RE/PJ
SQE P04	Distansbricka 01-45955 tillkom	910325	PJ
DR 648 P05	10-35157-8 tillkom	920424	PJ
PJ 1003 P06	Ändring av lackstämpel	950628	IG

PUMP NO.	PUMPTYP	CAM/KAM THICKNESS NO.	NR.	SCREW ⑪	BODY ① PUMPHUS	ENDCOVER ⑤ LOCK	MARK ON ENDCOVER MÄRKES PÅ LOCK
10-35157-1	F35B-9	1/1	3.4	01-42910	05-04-114	01-43239	F35B-9 + 10-35157-1 + Mon.-year+week
10-35157-2	F35B-902	1/2	2.25	01-42415	05-04-553	01-43239	F35B-902 + 10-35157-2 + Mon.-year+week
10-35157-3	F35B-9	1/1	3.4	01-42910	05-04-114	01-43239	F35B-9 + 10-35157-3 + Mon.-year+week
10-35157-4	F35B-902	1/2	2.25	01-42415	05-04-553	01-43239	F35B-902 + 10-35157-4 + Mon.-year+week
10-35157-6	F35B-9	1/1	3.4	01-42910	05-04-114	01-43239	F35B-9 + 10-35157-6 + Mon.-year+week
10-35157-7	F35B-902	1/2	2.25	01-42415	05-04-553		F35B-902 + 10-35157-7 + Mon.-year+week
10-35157-8	F35B-9	1/1	3.4	01-42910	05-04-114	01-43239	F35B-9 + 10-35157-8 + Mon.-year+week

PUMP NO.	CRAMP⑯ KLAMMA
10-35157-1	—
10-35157-2	
10-35157-3	
10-35157-4	
10-35157-5	
10-35157-6	01-43238
10-35157-7	
10-35157-8	—

Ändr. nr	Ändring	Datum	Sign.
2.	10-35157-5 tillkommit	84-05-17	L.S.
1.	Skruv 05-04-114 utgår 05-04-117	88-09-29	J.E.

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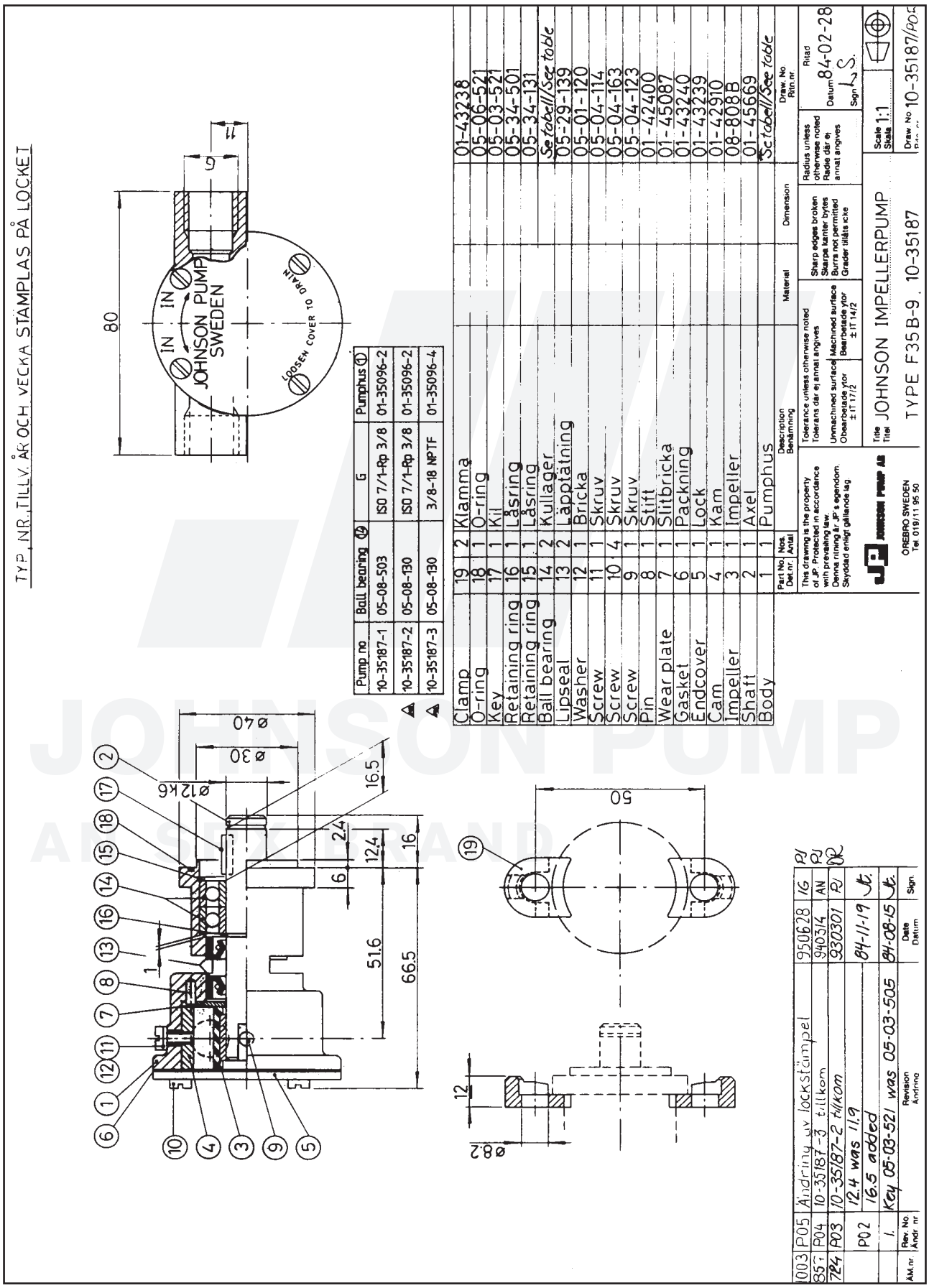
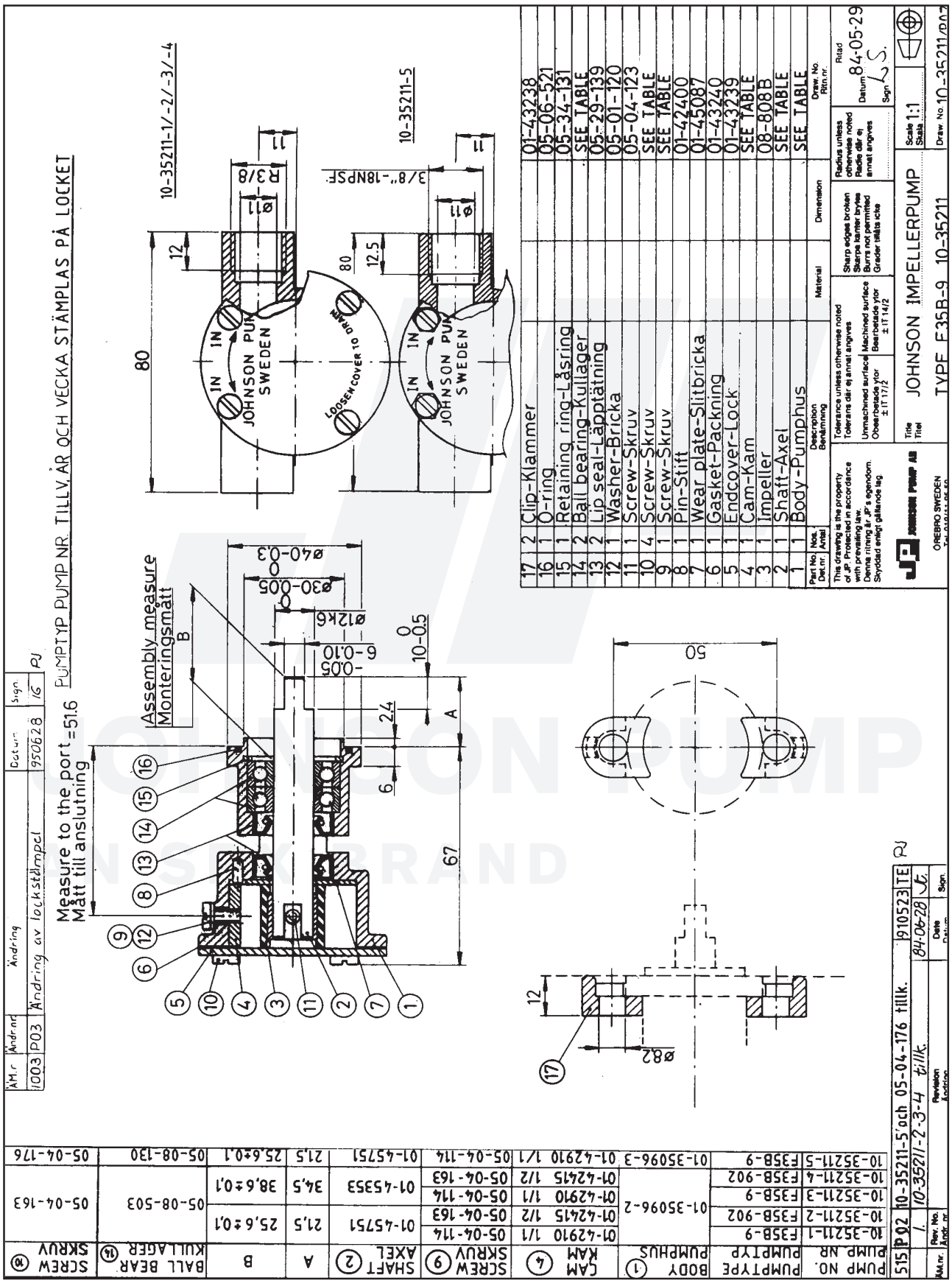


JOHNSON PUMP AB SKÄRBRAND

10-35211 pump F35B-9


PUMPTYP PUMP NR. TILLVÄR OCH VECKA STÄMPLAS PÅ LOCKET
Measure to the port =51.6
Mått till anslutning
Assembly measure
Monteringsmått
10-35211-1/-2/-3/-4
10-35211-5
JOHNSON PUMP SWEDEN
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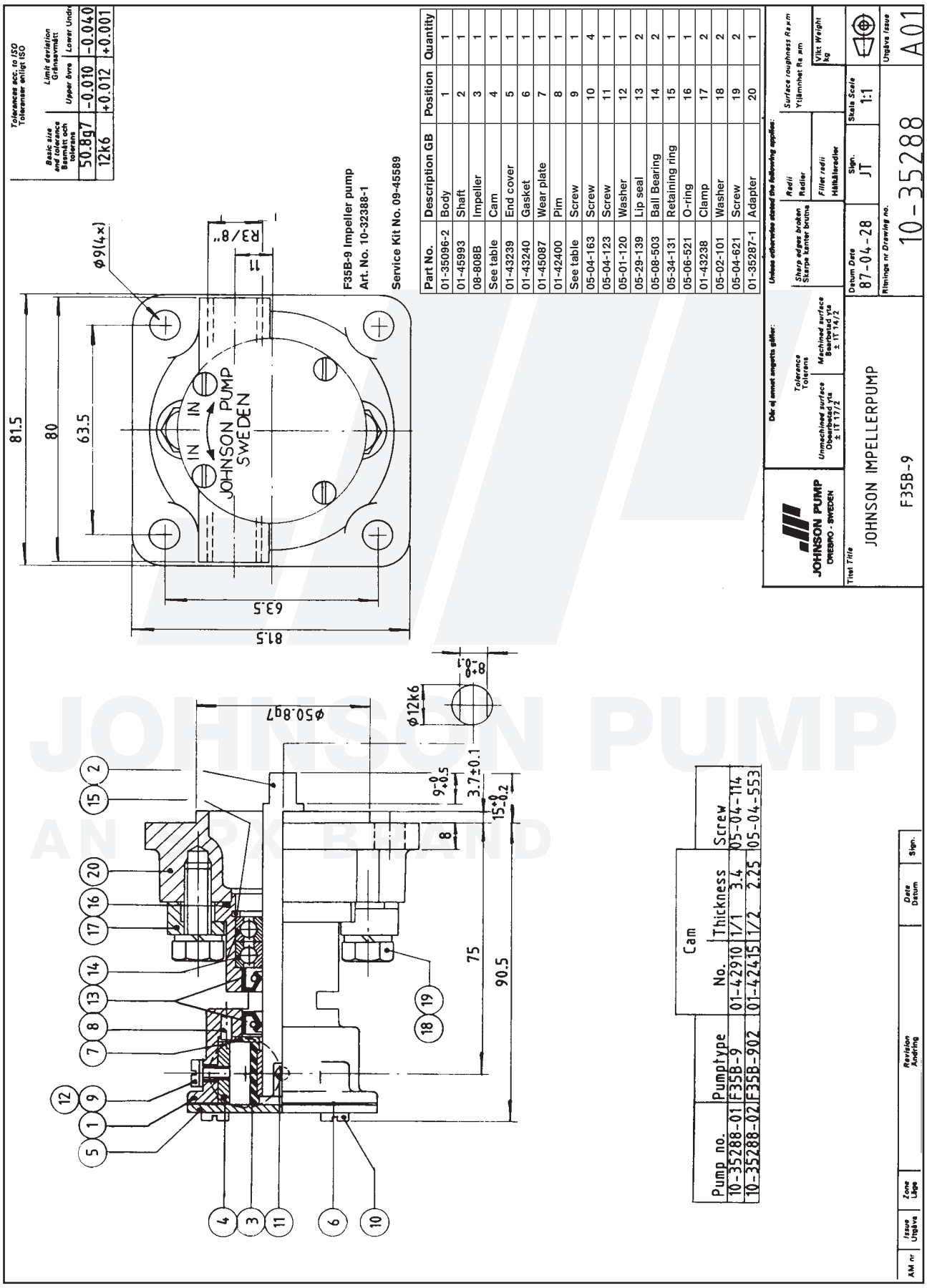
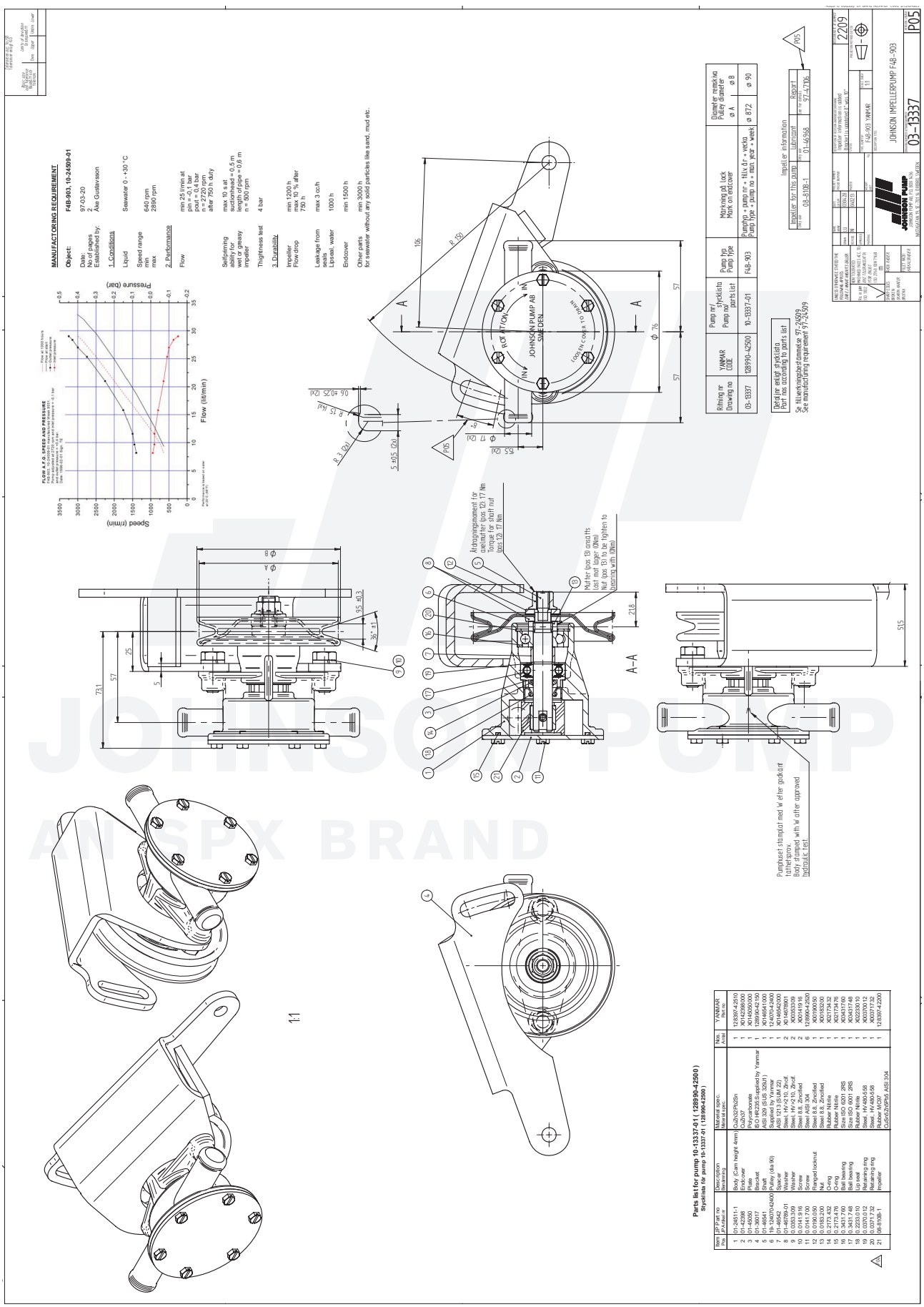


Part No.	Description GB	Position	Quantity
01-35096-2	Body	1	1
01-45993	Shaft	2	1
08-808B	Impeller	3	1
See table	Cam	4	1
01-43239	End cover	5	1
01-43240	Gasket	6	1
01-45087	Wear plate	7	1
01-42400	Pin	8	1
See table	Screw	9	1
05-04-163	Screw	10	4
05-04-123	Screw	11	1
05-01-120	Washer	12	1
05-29-139	Lip seal	13	2
05-08-503	Ball Bearing	14	2
05-34-131	Retaining ring	15	1
05-06-521	O-ring	16	1
01-43238	Clamp	17	2
05-02-101	Washer	18	2
05-04-621	Screw	19	2
01-35287-1	Adapter	20	1

Pump no.	Pumptype	Cam No.	Thickness	Screw
10-35288-01	F35B-9	01-42910 1/1	3.4	05-04-114
10-35288-02	F35B-902	01-42415 1/2	2.25	05-04-553

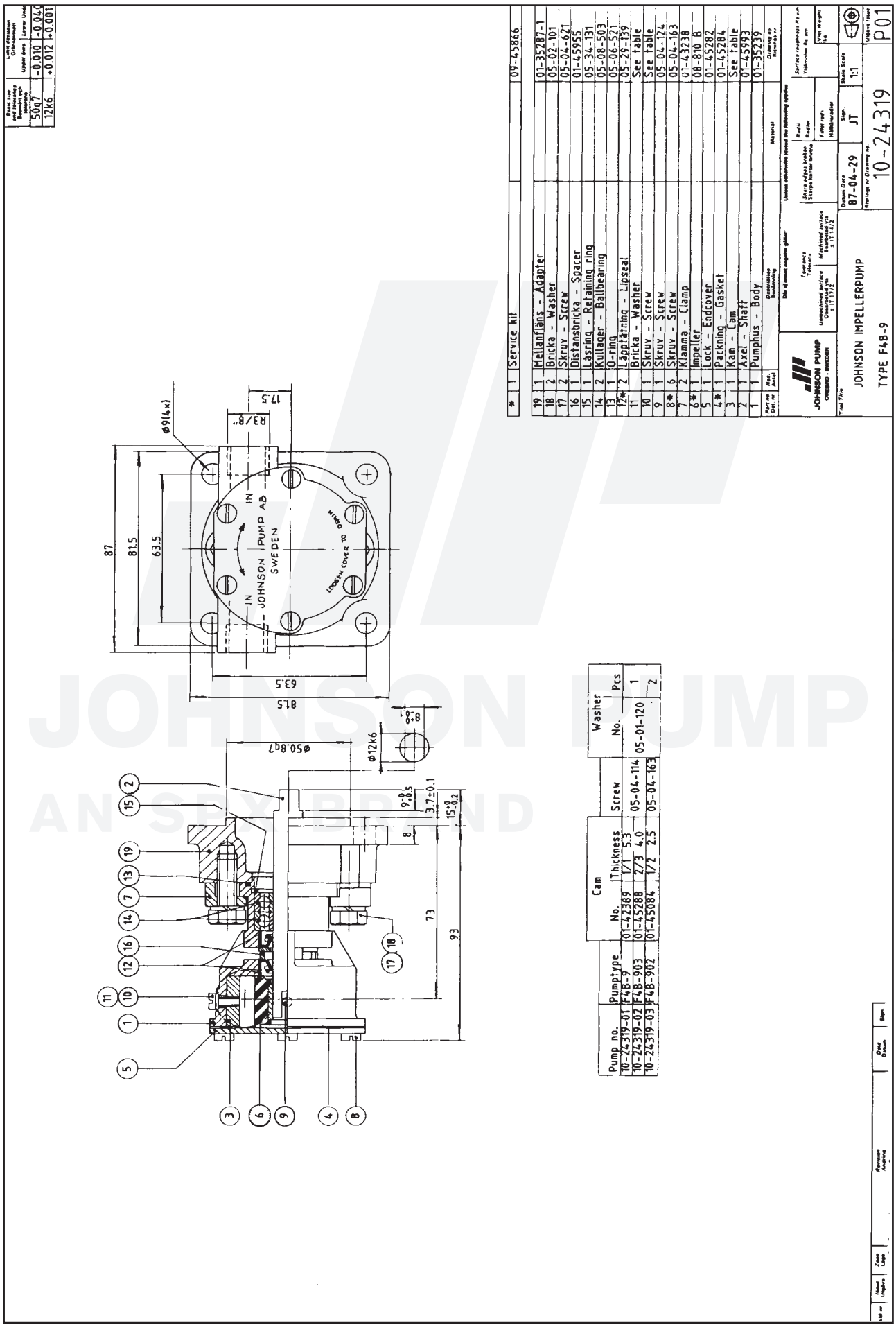
JOHNSON PUMP
AN IDEX BRAND

10-13337 pump F4B-903



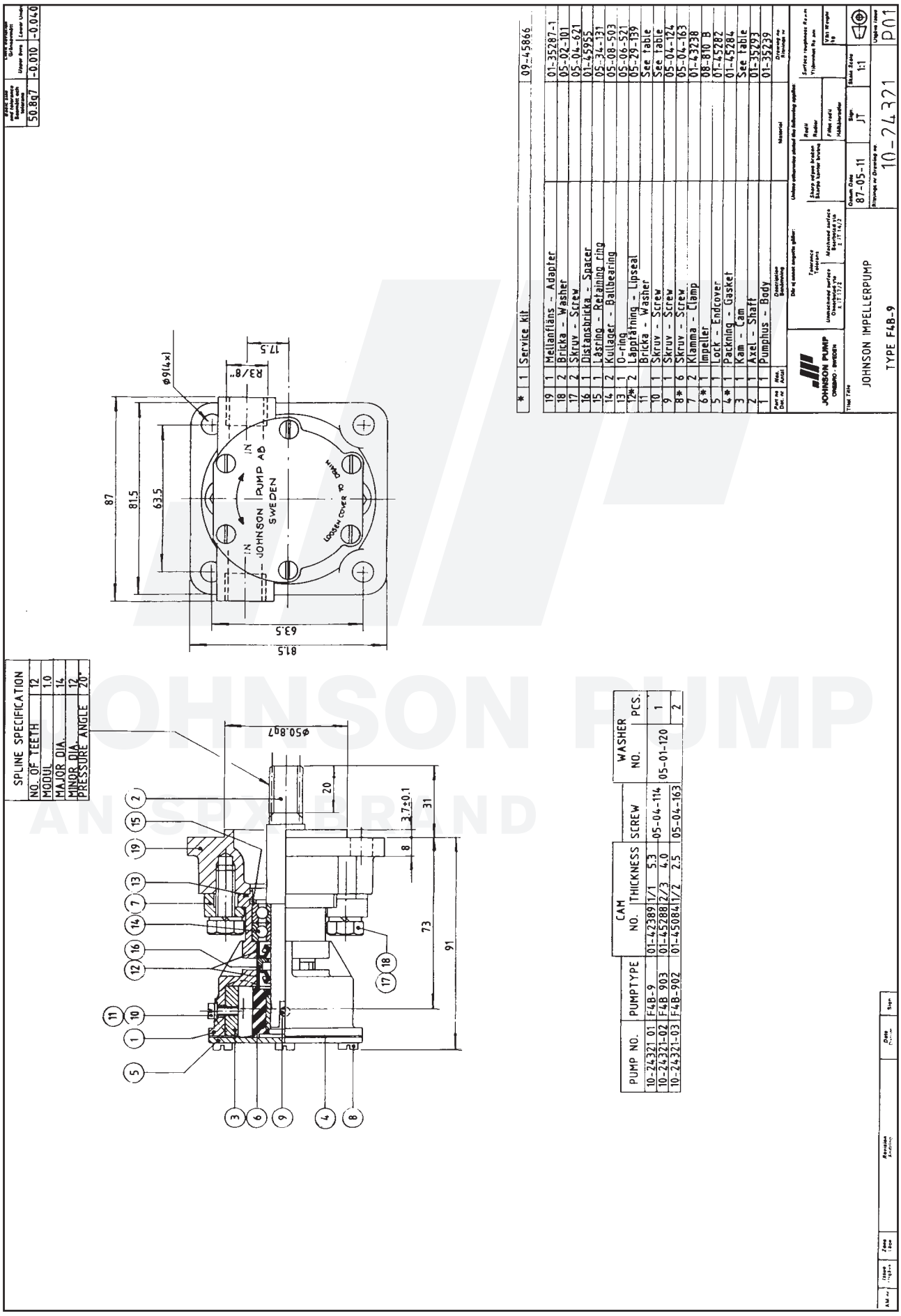
Item No.	JP Part no Jabsco no	Description Beskrivning	Material spec. Material spec.	Nos. Antal	YANMAR Yanmar No.
1	01-2481-1	Body (Cam height 4mm)	CuZn32Pb2Sn	1	128397-42510
2	01-46540	Endcover	AlSi7Cu3	1	X0146540000
3	01-45050	Plate	Polycarbonate	1	X0145050000
4	01-36017	Bracket	EI.O HR235.5 supplied by Yanmar	1	128910-42150
5	01-46544	Key	AISI 303 (C-steel)	1	X0146544000
6	19-124070-42400	Pulley (dia 90)	Supplied by Yanmar	1	124070-42400
7	01-46542	Spacer	AISI 1213 (SUM 22)	1	X0146542000
8	01-46789-01	Washer	Steel, HV-210, Zn-nf	2	X0146789001
9	01-46543	Washer	Steel, HV-210, Zn-nf	2	X0146543000
10	0.0141.916	Screw	Steel 8.8, Zinc/Ni	2	X0141916
11	0.0141.700	Screw	Steel AISI 304	6	128990-42500
12	0.0183.200	Flanged locknut	Steel 8.8, Zinc/Ni	1	X0183200
13	0.0183.220	Nut	Steel 8.8, Zinc/Ni	1	X0183220
14	0.2173.432	O-ring	Rubber Nitrile	1	X0217343 2
15	0.2173.476	O-ring	Rubber Nitrile	1	X0217347 6
16	0.3431.760	Ball bearing	Size ISO 6001 2RS	1	X0343176 0
17	0.3431.748	Ball bearing	Size ISO 6001 2RS	1	X0343174 8
18	0.2233.010	Lip seal	Rubber Nitrile	1	X0223301 0
19	0.0371.012	Retaining ring	Steel, HV-440-568	1	X0371012
20	0.0371.712	Retaining ring	Steel, HV-440-568	1	X0371712
21	08-8108-1	Impeller	CuSn5Zn5Pb5 ABS 3304	1	128397-42200

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB

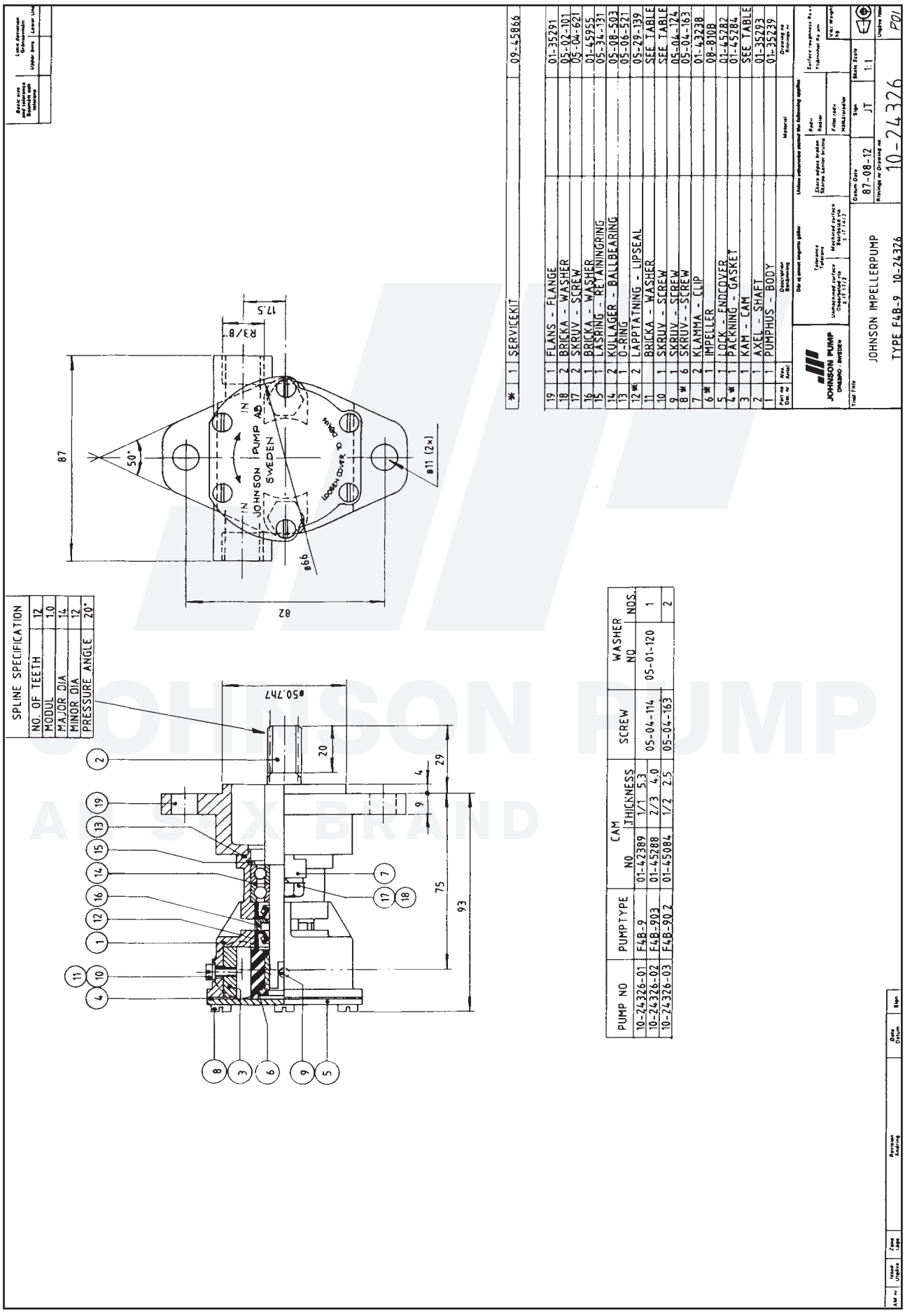


JOHNSON PUMP
AN SPX BRAND

10-24321 pump F4B-9



The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB



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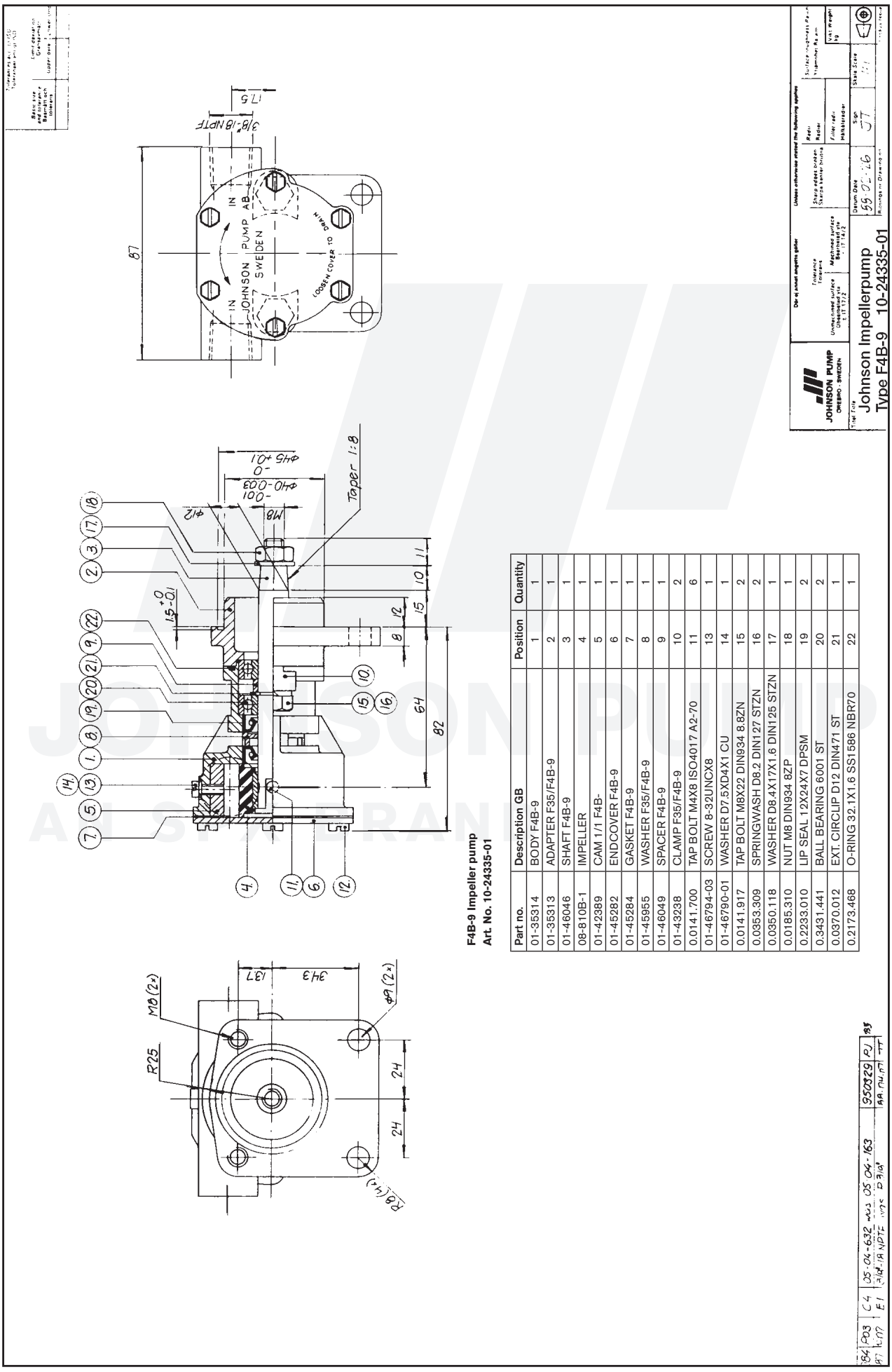
10-24335 pump F4B-9



F4B-9 Impeller pump
Art. No. 10-24335-01

Part no.	Description GB	Position	Quantity
01-35314	BODY F4B-9	1	1
01-35313	ADAPTER F35/F4B-9	2	1
01-46046	SHAFT F4B-9	3	1
08-810B-1	IMPELLER	4	1
01-42389	CAM 1/1 F4B-	5	1
01-45282	ENDCOVER F4B-9	6	1
01-45284	GASKET F4B-9	7	1
01-45955	WASHER F35/F4B-9	8	1
01-46049	SPACER F4B-9	9	1
01-43238	CLAMP F35/F4B-9	10	2
0.0141.700	TAP BOLT M4X8 ISO4017 A2-70	11	6
01-46794-03	SCREW 8-32UNCX8	13	1
01-46790-01	WASHER D7.5XD4X1 CU	14	1
0.0141.917	TAP BOLT M8X22 DIN934 8.8ZN	15	2
0.0353.309	SPRINGWASH D8.2 DIN127 STZN	16	2
0.0350.118	WASHER D8.4X17X1.6 DIN125 STZN	17	1
0.0185.310	NUT M8 DIN934 8ZP	18	1
0.2233.010	LIP SEAL 12X24X7 DPSM	19	2
0.3431.441	BALL BEARING 6001 ST	20	2
0.0370.012	EXT. CIRCLIP D12 DIN471 ST	21	1
0.2173.468	O-RING 32.1X1.6 SS1586 NBR70	22	1

JOHNSON PUMP
AUSTRALIA

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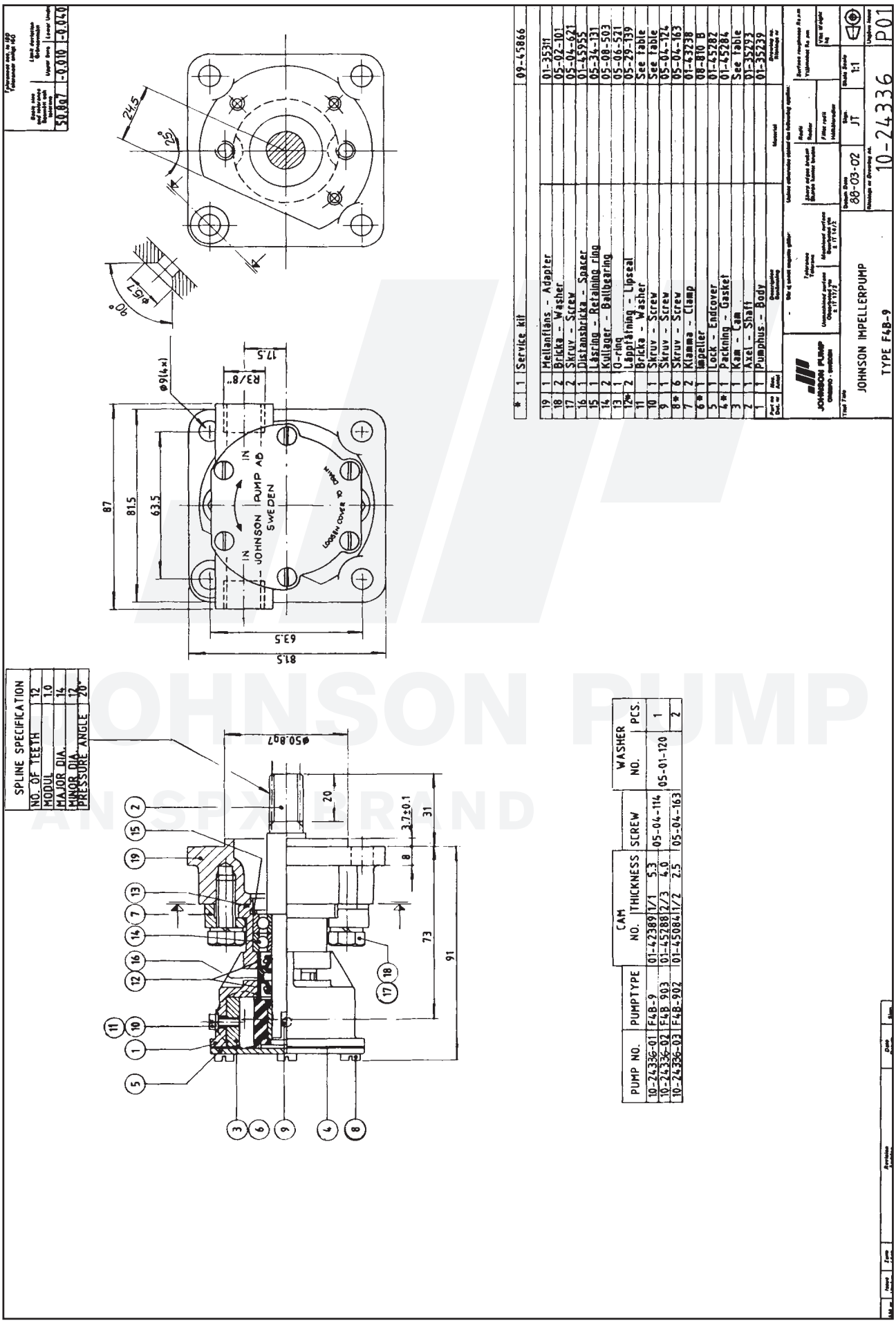
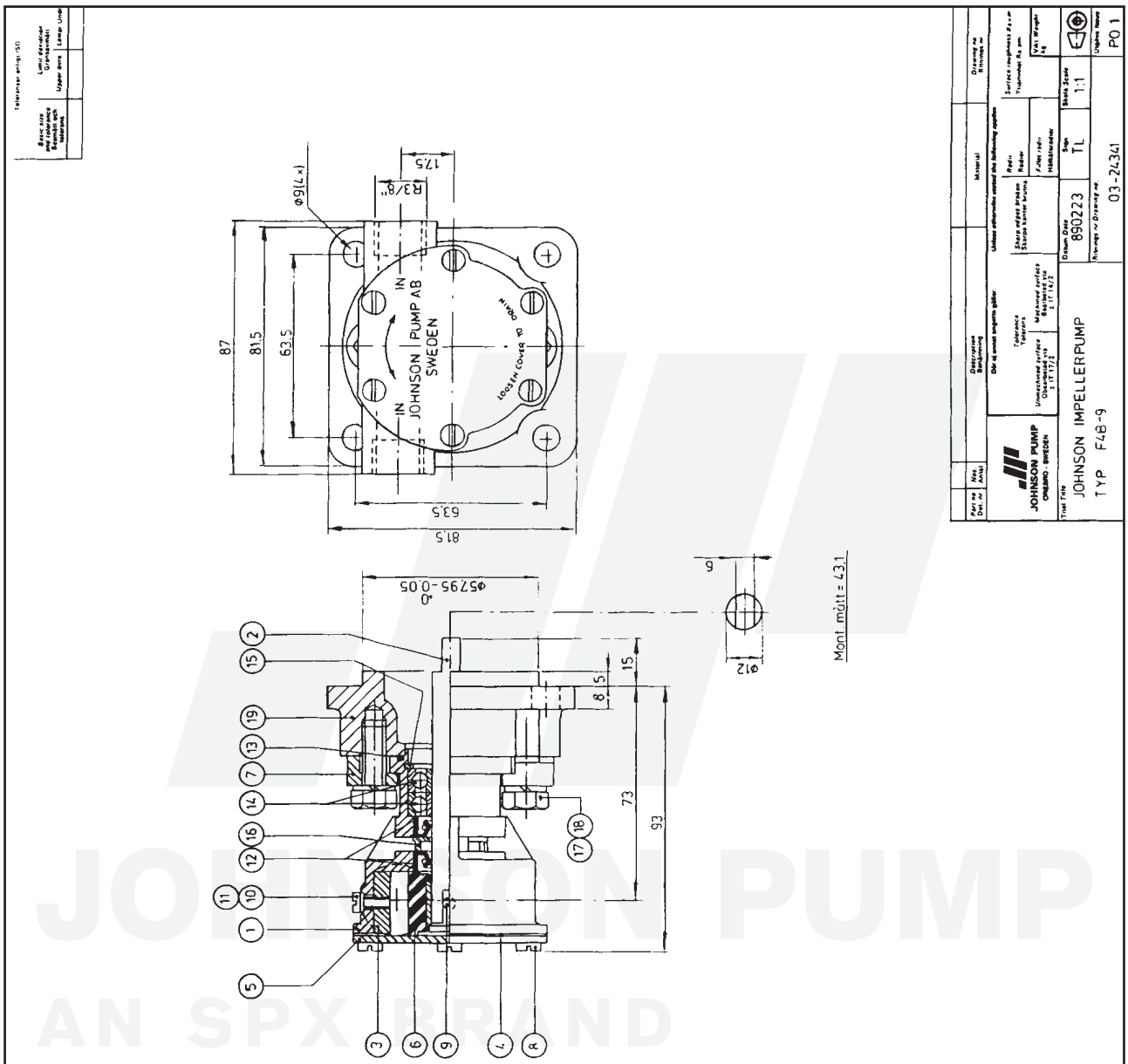


JOHNSON PUMP
AN SPX BRAND

10-24341 pump F4B-9



F4B-9 Impeller pump
Art. No. 10-24341-01

Part no.	Description GB	Position	Quantity
01-35239	BODY F4B-9	1	1
01-45353	SHAFT F35/F4B-9	2	1
01-42389	CAM 1/1 F4B-	3	1
01-45284	GASKET F4B-9	4	1
01-45282	ENDCOVER F4B-9	5	1
08-810B-1	IMPELLER	6	1
01-43238	CLAMP F35/F4B-9	7	2
0.0279.501	SCREW M4X8 ISO1207	8	6
01-46794-03	SCREW 8-32UNCX8	10	1
01-46790-01	WASHER D7.5XD4X1 CU	11	1
0.2233.010	LIP SEAL 12X24X7 DPSM	12	2
0.2173.468	O-RING 32.1X1.6 SS1586 NBR70	13	1
0.3431.441	BALL BEARING 6001 ST	14	2
0.0371.028	RETAIN. RING BORE D28 DIN472 SPRST	15	1
01-45955	WASHER F35/F4B-9	16	1
0.0141.917	TAP BOLT M8X22 DIN934 8.8ZN	17	2
0.0353.309	SPRINGWASH D8.2 DIN127 STZN	18	2
01-35287-2	MIDDLE FLANGE F35/F4/F5B-9	19	1

JOHNSON PUMP
AN SPX BRAND

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JOHNSON PUMP
AN SPX BRAND

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F4B-903 Impeller pump
Art. No. 10-24463-01

Part. No	Description GB	Position	Quantity
01-24482-1	BODY F4B-9 (ISM)	1	1
01-46492	SHAFT F4B-9	2	1
01-46496	SPACER	3	1
01-45288	CAM 2/3 F4B-803/-903	4	1
01-45600	ENDCOVER F4B-9	5	1
01-45284	GASKET F4B-9	6	1
01-45955	WASHER F35/F4B-9	7	1
01-46790-01	WASHER D7.5XD4X1 CU	8	1
01-46794-03	SCREW 8-32UNCX8	9	1
0.0279.300	SCREW M4X8 ISO1207 A4	11	6
0.2173.401	O-RING 11.1X1.6 SS1586 NBR70	12	1
0.3431.441	BALL BEARING 6001 ST	13	2
0.2233.010	LIP SEAL 12X24X7 DPSM	14	2
0.0371.028	RETAIN. RING BORE D28 DIN472 SPRST	15	1
0.0370.012	EXT. CIRCLIP D12 DIN471 ST	16	1
08-1026B-11	IMPELLER VP3586502	17	1

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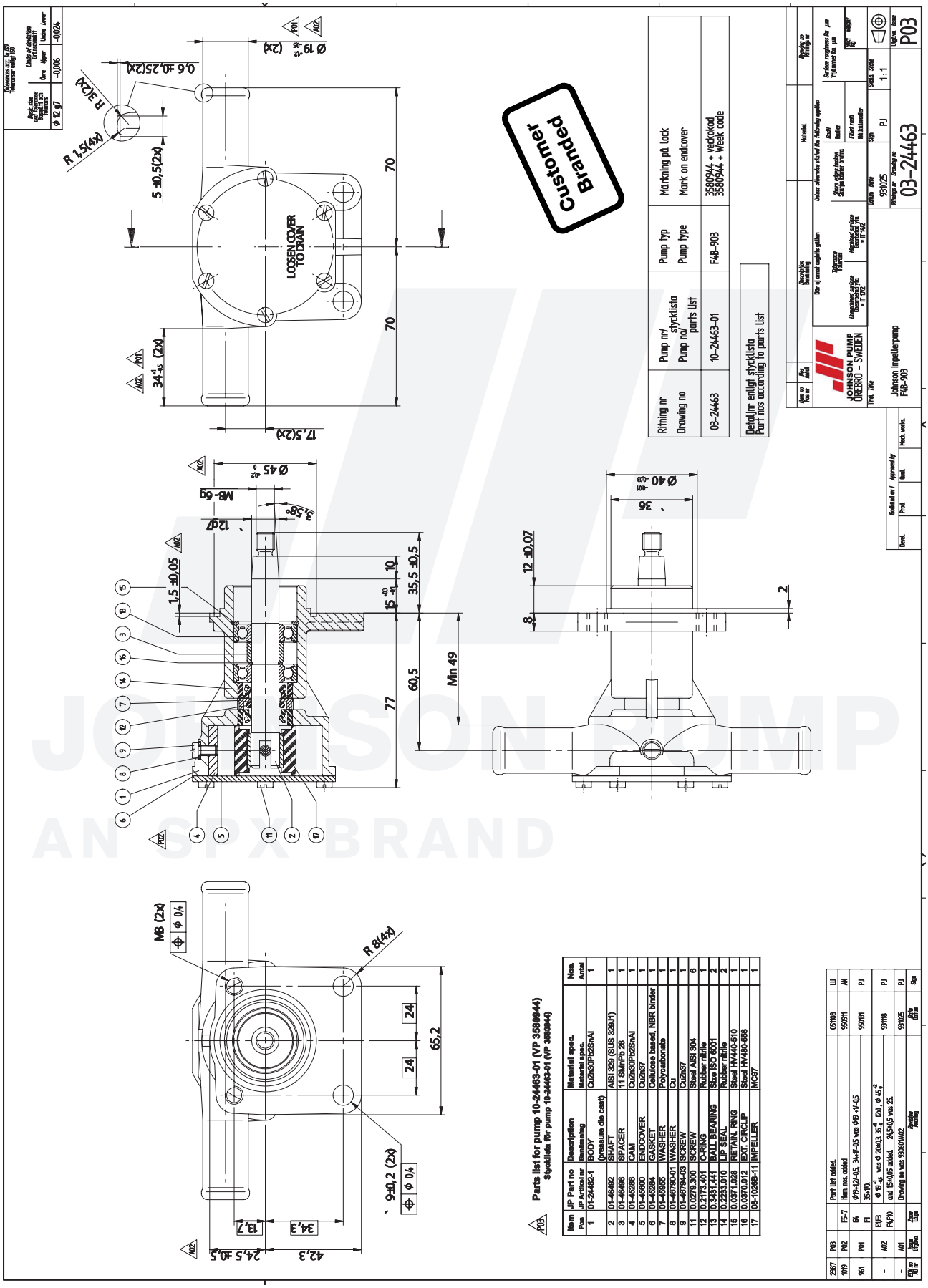
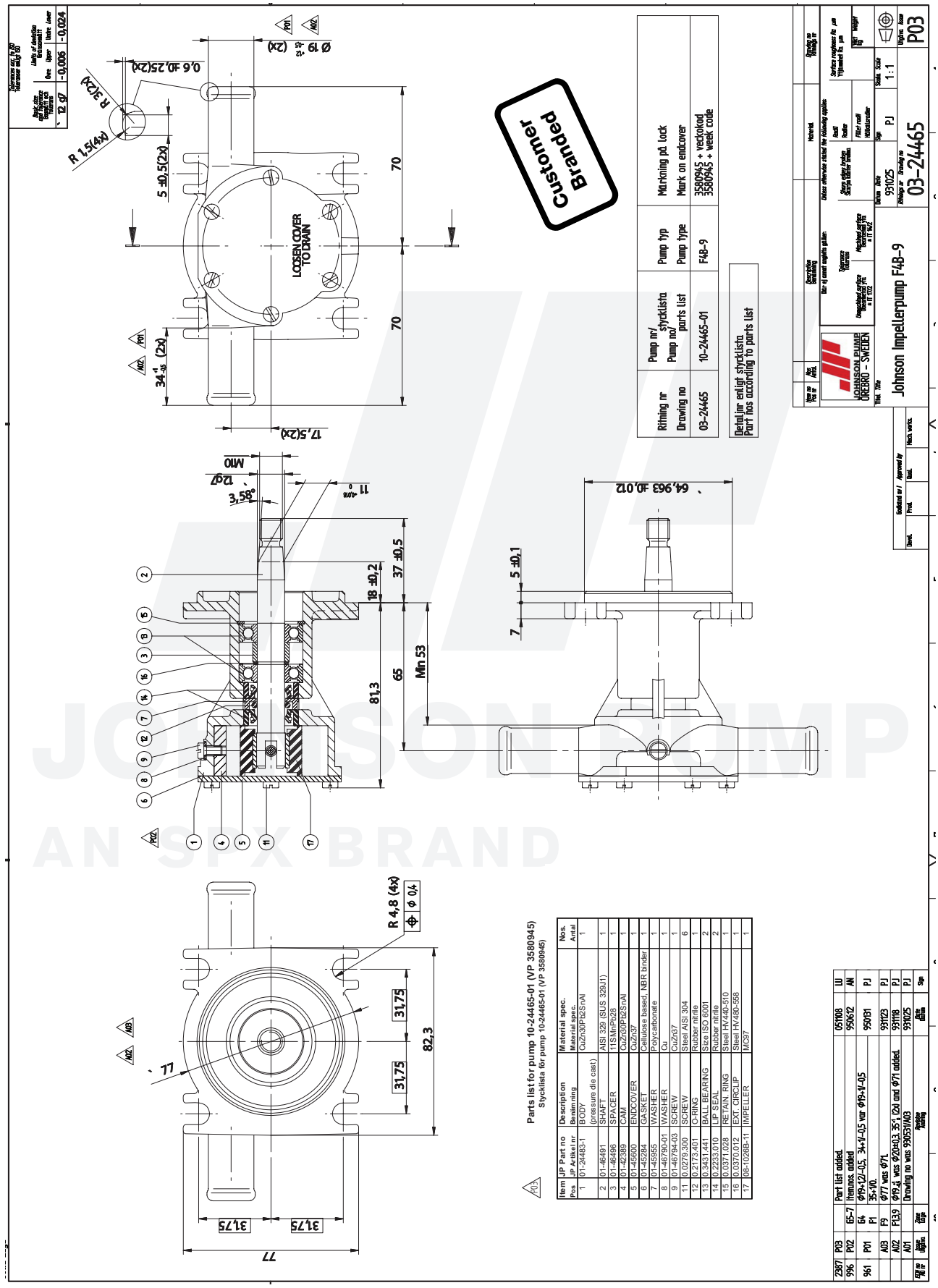


JOHNSON PUMP AN SPX BRAND

F4B-9 Impeller pump
Art. No. 10-24465-01

Part No.	Description GB	Position	Quantity
01-24483-1	BODY F4B-9 (ISM)	1	1
01-46491	SHAFT F4B-9	2	1
01-46496	SPACER	3	1
01-42389	CAM 1/1 F4B-	4	1
01-45600	ENDCOVER F4B-9	5	1
01-45284	GASKET F4B-9	6	1
01-45955	WASHER F35/F4B-9	7	1
01-46790-01	WASHER D7.5XD4X1 CU	8	1
01-46794-03	SCREW 8-32UNCX8	9	1
0.0279.300	SCREW M4X8 ISO1207 A4	11	6
0.2173.401	O-RING 11.1X1.6 SS1586 NBR70	12	1
0.3431.441	BALL BEARING 6001 ST	13	2
0.2233.010	LIP SEAL 12X24X7 DPSM	14	2
0.0371.028	RETAIN. RING BORE D28 DIN472 SPRST	15	1
0.0370.012	EXT. CIRCLIP D12 DIN471 ST	16	1
08-1026B-11	IMPELLER VP3586502	17	1

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB


Customer Branded
LOSEN COVER TO DRAIN
Johnson Impellerpump F4B-9
03-24465
P03
JOHNSON PUMP
ÖREBRO – SWEDEN
Pump nr/ stycklista Pump no/ parts list
10-24465-01
Pump typ Pump type
F4B-9
Märkning på lock Mark on endcover
3580945 = veckokod 3580945 = week code
Ritning nr Drawing no
03-24465
Detaljer enligt stycklista Parts nos according to parts list
Parts list for pump 10-24465-01 (VP 3580945)
Styckista för pump 10-24465-01 (VP 3580945)
Item Pos
JP Part no Artikel nr
Description Benämning
Material spec. Material spec.
Nos Antal
1 01-24483-1 BODY (pressure die cast) CuZn30P2Sn(Al)
2 01-46491 SHAFT AISI 329 (SUS 329J1)
3 01-46496 SPACER 11SiMnPb28
4 01-42389 CAM CuZn30P2Sn(Al)
5 01-45600 END-COVER CuZn37
6 01-45294 GASKET Cellulose based, NBR binder
7 01-45955 WASHER Polycarbonate
8 01-46790-01 WASHER Cu
9 01-46794-03 SCREW CuZn37
11 0.0279.300 SCREW Steel AISI 304
12 0.2173.401 O-RING Rubber nitrile
13 0.3431.441 BALL BEARING Steel ISO 6001
14 0.2233.010 LIP SEAL Rubber nitrile
15 0.0371.028 RETAIN. RING Steel HV440-510
16 0.0370.012 EXT. CIRCLIP Steel HV480-588
17 08-1026B-11 IMPELLER MC97
R 4,8 (4x)
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77
Ø 19 +0,2 +0,12 (2x)
0,6 ±0,25(2x)
R 3(2x)
R 1,5(4x)
5 ±0,5(2x)
70
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34,4 -0,45 (2x)
17,5(2x)
M10
12g7
3,58°
11 +0,18 0
37 ±0,5
18 ±0,2
81,3
65
Min 53
64,963 ±0,012
7
5 ±0,1
Ø 12 g7 -0,006 -0,024
Ø 12 g7
Ø 9 H7 +0,015 0
Ø 15 H7 +0,018 0
Ø 17 H7 +0,018 0
Ø 21 H7 +0,021 0
Ø 25 H7 +0,021 0
Ø 30 H7 +0,021 0
Ø 35 H7 +0,025 0
Ø 40 H7 +0,025 0
Ø 47 H7 +0,025 0
Ø 52 H7 +0,030 0
Ø 62 H7 +0,030 0
Ø 72 H7 +0,030 0
Ø 80 H7 +0,030 0
Ø 90 H7 +0,035 0
Ø 100 H7 +0,035 0
Ø 110 H7 +0,035 0
Ø 120 H7 +0,035 0
Ø 130 H7 +0,040 0
Ø 140 H7 +0,040 0
Ø 150 H7 +0,040 0
Ø 160 H7 +0,040 0
Ø 170 H7 +0,040 0
Ø 180 H7 +0,046 0
Ø 190 H7 +0,046 0
Ø 200 H7 +0,046 0
Ø 210 H7 +0,046 0
Ø 220 H7 +0,046 0
Ø 230 H7 +0,046 0
Ø 240 H7 +0,052 0
Ø 250 H7 +0,052 0
Ø 260 H7 +0,052 0
Ø 270 H7 +0,052 0
Ø 280 H7 +0,052 0
Ø 290 H7 +0,052 0
Ø 300 H7 +0,052 0
Ø 310 H7 +0,057 0
Ø 320 H7 +0,057 0
Ø 330 H7 +0,057 0
Ø 340 H7 +0,057 0
Ø 350 H7 +0,057 0
Ø 360 H7 +0,057 0
Ø 370 H7 +0,057 0
Ø 380 H7 +0,063 0
Ø 390 H7 +0,063 0
Ø 400 H7 +0,063 0
Ø 410 H7 +0,063 0
Ø 420 H7 +0,063 0
Ø 430 H7 +0,063 0
Ø 440 H7 +0,063 0
Ø 450 H7 +0,063 0
Ø

F4B-903 Impeller pump
Art. No. 10-24509-01

Service Kit No. 09-45587

Part no.	Description GB	Position	Quantity
01-24511-1	BODY F4B-903	1	1
01-42398	ENDCOVER F4/F5B-	2	1
01-45050	PLATE F35/F4B-8	3	1
19-12837742150	BRACKET	4	1
01-46541	SHAFT F4B-9	5	1
19-12407042400	V-PULLEY	6	1
01-46542	SPACER F4B-9	7	1
01-46789-01	WASHER D10.5XD22X3 STZN	8	2
0.0353.309	SPRINGWASH D8.2 DIN127 STZN	9	2
0.0141.916	TAP BOLT M8X20 DIN933 8.8ZN	10	2
0.0141.700	TAP BOLT M4X8 ISO4017 A2-70	11	6
0.0190.050	LOCKNUT M8 ISO7043 8.8ZN	12	1
0.0183.200	NUT M12 LEFT ISO4035 8.8ZN	13	1
0.2173.432	O-RING 11.3X2.4 SS1586 NBR70	14	1
0.2173.476	O-RING 59.6X2.4 SS1586 NBR70	15	1
0.3431.760	BALL BEARING 6201-2RS1	16	1
0.3431.748	BALL BEARING 6001 2 RS1 ST	17	1
0.2233.010	LIP SEAL 12X24X7 DPSM	18	1
0.0370.012	EXT. CIRCLIP D12 DIN471 ST	19	1
0.0371.732	INT. CIRCLIP D32 DIN472 STZN	20	1
08-810B-1	IMPELLER	22	1

JOHNSON PUMP
AN SPX BRAND

F4B-902 Impeller pump
Art. No. 10-24509-02

Service Kit No. 09-45587

Part. No.	Description GB	Position	Quantity
01-24511-2	BODY F4B-902	1	1
01-42398	ENDCOVER F4/F5B-	2	1
01-45050	PLATE F35/F4B-8	3	1
19-12837742150	BRACKET	4	1
01-46541	SHAFT F4B-9	5	1
19-12407042400	V-PULLEY	6	1
01-46542	SPACER F4B-9	7	1
01-46789-01	WASHER D10.5XD22X3 STZN	8	2
0.0353.309	SPRINGWASH D8.2 DIN127 STZN	9	2
0.0141.916	TAP BOLT M8X20 DIN933 8.8ZN	10	2
0.0141.700	TAP BOLT M4X8 ISO4017 A2-70	11	6
0.0190.050	LOCKNUT M8 ISO7043 8.8ZN	12	1
0.0183.200	NUT M12 LEFT ISO4035 8.8ZN	13	1
0.2173.432	O-RING 11.3X2.4 SS1586 NBR70	14	1
0.2173.476	O-RING 59.6X2.4 SS1586 NBR70	15	1
0.3431.760	BALL BEARING 6201-2RS1	16	1
0.3431.748	BALL BEARING 6001 2 RS1 ST	17	1
0.2233.010	LIP SEAL 12X24X7 DPSM	18	1
0.0370.012	EXT. CIRCLIP D12 DIN471 ST	19	1
0.0371.732	INT. CIRCLIP D32 DIN472 STZN	20	1
08-810B-1	IMPELLER	22	1

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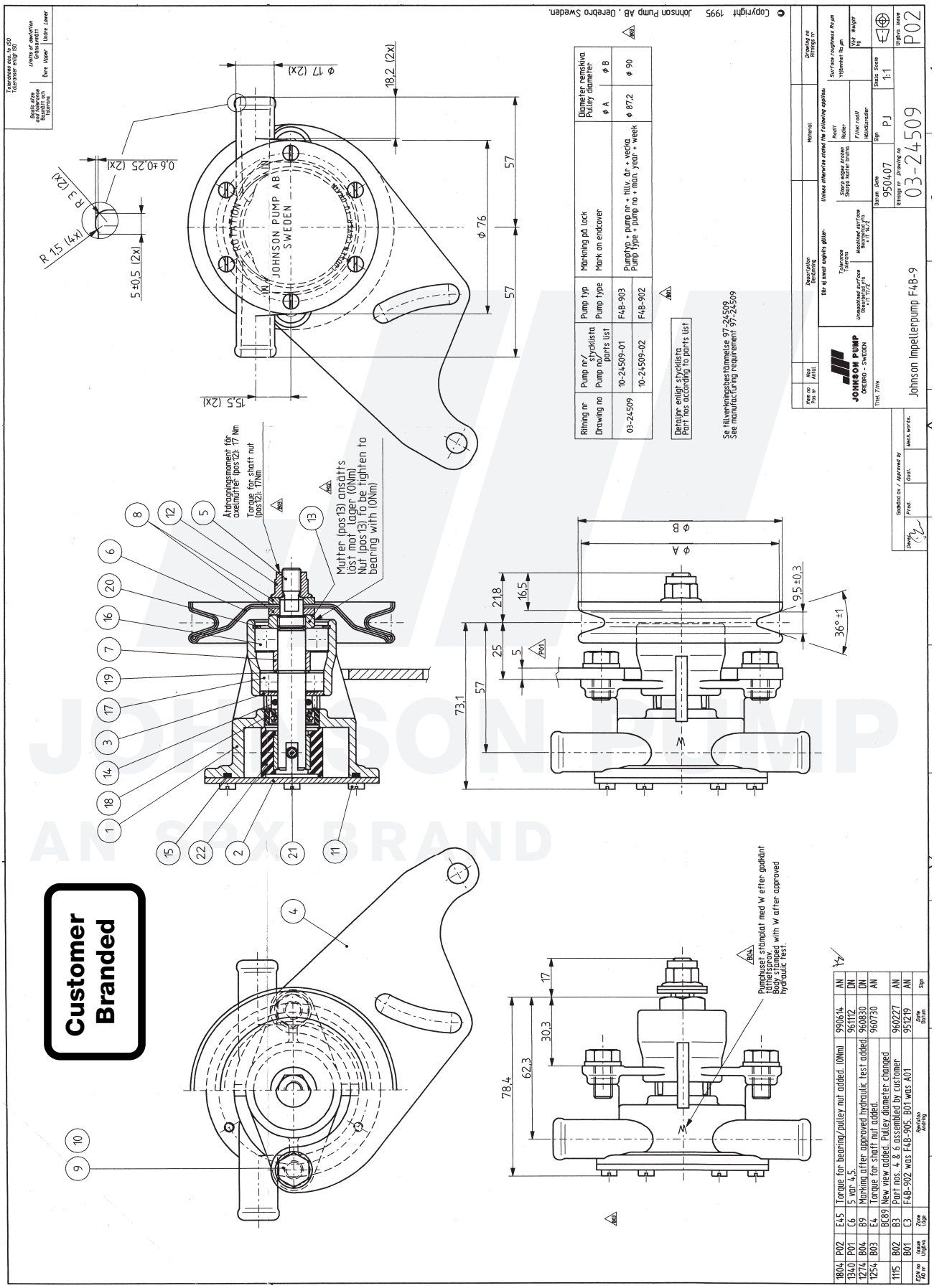
Customer Branded
JOHNSON PUMP
AN SPX BRAND
JOHNSON PUMP AB SWEDEN
ROTATION
Johnson Impellerpump F4B-9
03-24509
P02
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F4B-9 Impeller pump
Art. No. 10-24514-01

Part no.	Description GB	Position	Quantity
01-35239	BODY F4B-9	1	1
01-46563	SHAFT F4B-9	2	1
01-42389	CAM 1/1 F4B-	3	1
01-45284	GASKET F4B-9	4	1
01-45282	ENDCOVER F4B-9	5	1
08-810B-1	IMPELLER	6	1
01-43238	CLAMP F35/F4B-9	7	2
0.0279.501	SCREW M4X8 ISO1207	8	6
01-46794-03	SCREW 8-32UNCX8	10	1
01-46790-01	WASHER D7.5XD4X1 CU	11	1
0.2233.010	LIP SEAL 12X24X7 DPSM	12	2
0.2173.468	O-RING 32.1X1.6 SS1586 NBR70	13	1
0.3431.441	BALL BEARING 6001 ST	14	2
0.0371.028	RETAIN. RING BORE D28 DIN472 SPRST	15	1
01-45955	WASHER F35/F4B-9	16	1
0.0141.917	TAP BOLT M8X22 DIN934 8.8ZN	17	2
0.0353.309	SPRINGWASH D8.2 DIN127 STZN	18	2
01-35291-2	FLANGE F35/F4/F5B-9	19	1

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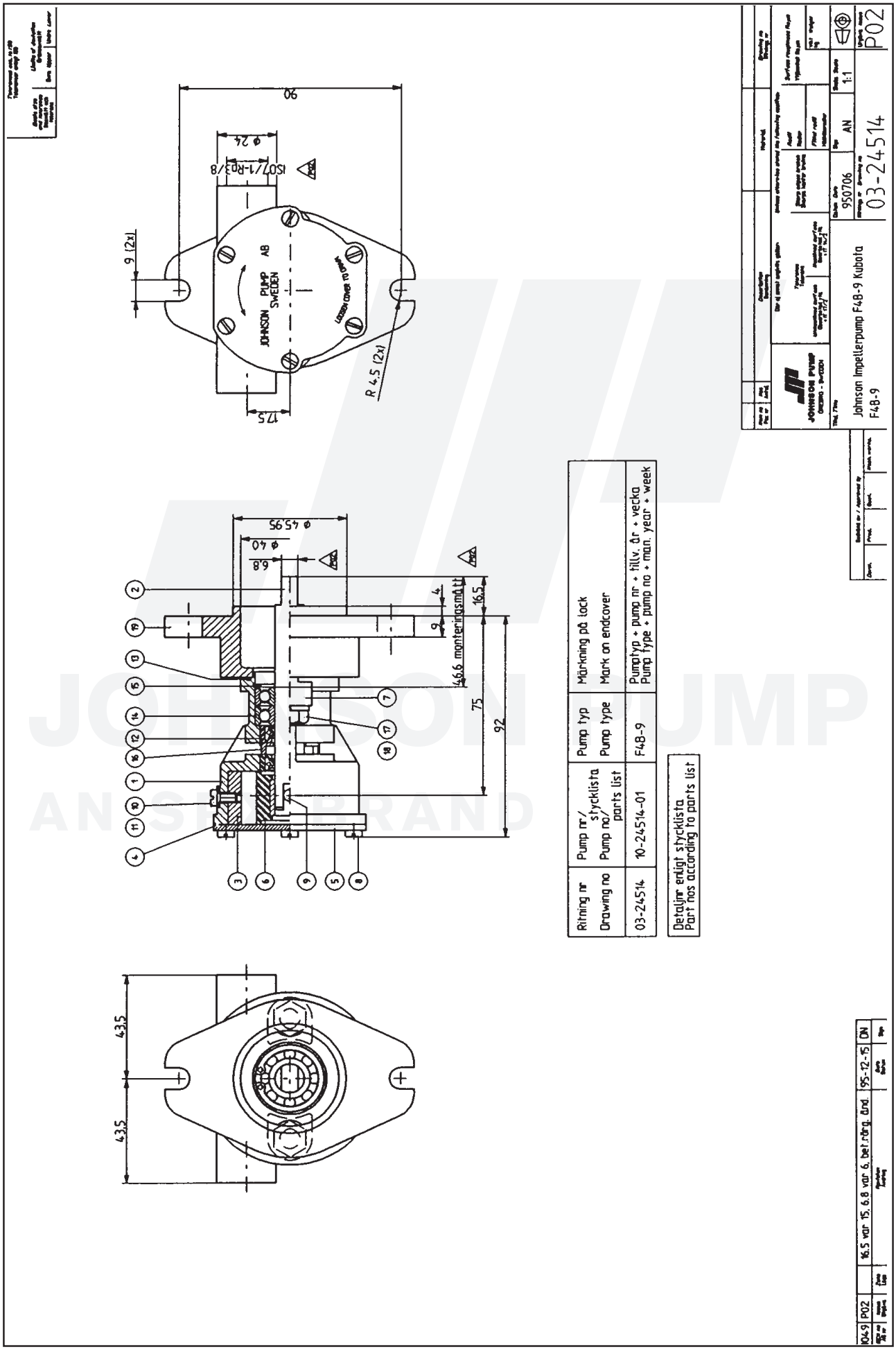
Johnson Impellerpump F4B-9 Kubota
F4B-9
03-24514
P02
950706
Ritning nr / Drawing no
Pump nr/ stycklista / Pump no/ parts list
Pump typ / Pump type
Märkning på lock / Mark on endcover
03-24514
10-24514-01
F48-9
Pumptyp + pump nr + tillv. år + vecka
Pump type + pump no + mon. year + week
Detaljnr enligt stycklista
Part nos according to parts list
JOHNSON PUMP
ANSI BRAND

F4B-9 Impeller pump
Art. No. 10-24629-01

Part. No.	Description GB	Position	Quantity
01-24616-1	BODY CASTING F4B-9 (BETA MARIN)	1	1
01-46916	AXEL F4B-9	2	1
01-46007-2	ENDCOVER F4/F5B NEUTRAL	3	1
08-810B-1	IMPELLER	4	1
01-42389	CAM 1/1 F4B-	5	1
01-45542	SPACER D 12X16X4,3	6	1
01-42400	PIN F35B-/F7B/F70B	7	1
01-46737-2	WEAR PLATE F4B	8	1
01-45659	WASHER F4B-8/-9	9	1
01-46790-01	WASHER D7.5XD4X1 CU	10	1
0.0279.300	SCREW M4X8 ISO1207 A4	12	6
01-46794-04	SCREW 8-32UNCX10	13	1
0.2173.476	O-RING 54.6X2.4 NBR70	14	1
0.2230.012	V-RING V-12S NBR70	15	1
0.3431.748	BALL BEARING 6001 2 RS1 ST	16	2
0.2247.021	MECH.SEAL COMPL D12	17	1
0.0371.028	RETAIN. RING BORE D28 DIN472 SPRST	18	1
0.0370.012	EXT. CIRCLIP D12 DIN471 ST	19	1
0.2234.503	LIP SEAL 12x28x7 DIN 3760 A FPM	20	1
0.0633.704	PLUG TYPE410038 D20.7MM DBI	0	2
01-43238	CLAMP F35/F4B-9	22	2
01-46797	LABEL	23	1
01-47055-1	PAINT PROTECTION ø 41	24	1
0.0370.512	EXT. CIRCLIP D12 DIN471 FB	25	1

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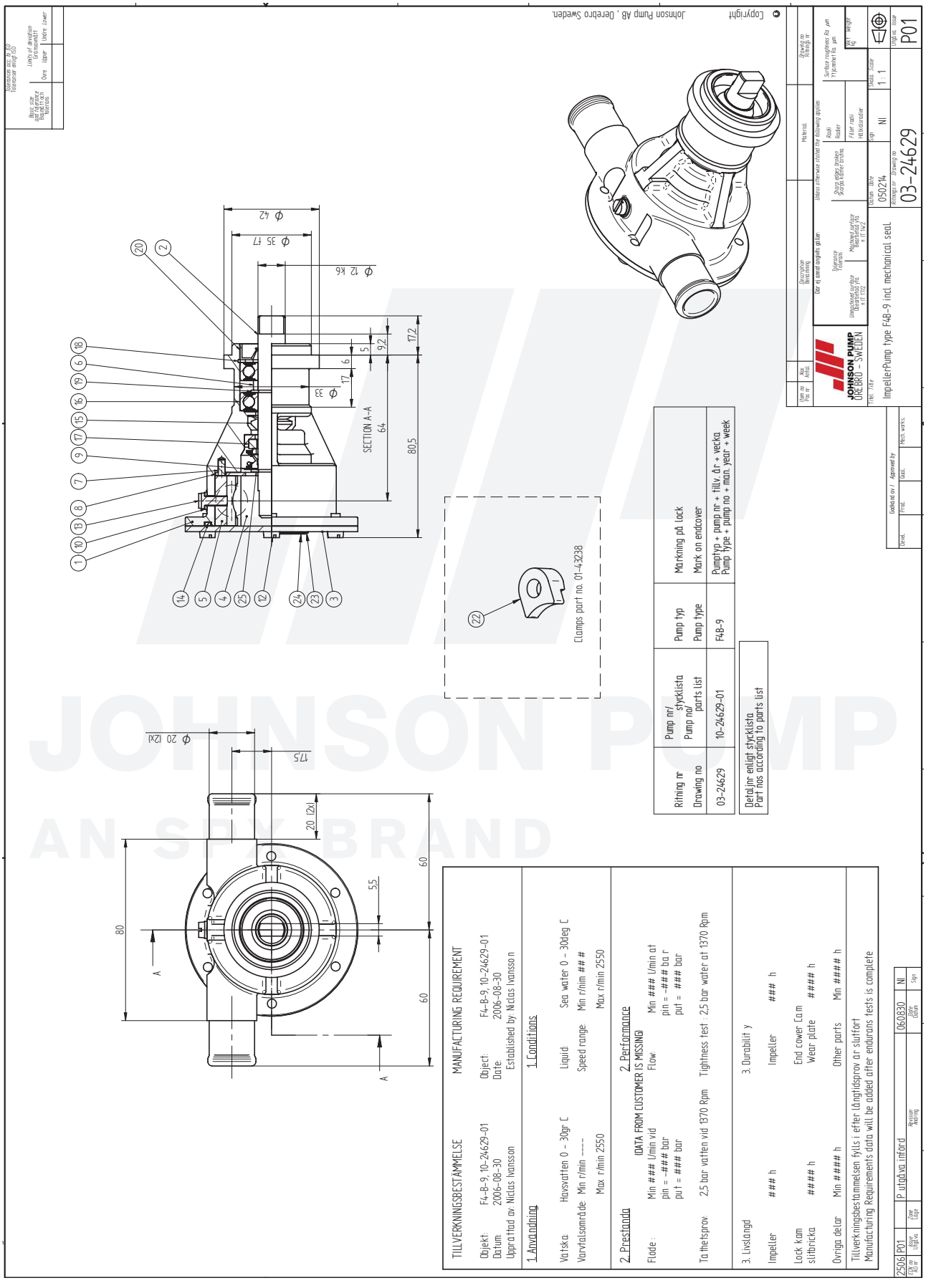

JOHNSON PUMP AN SPX BRAND

F4B-9 Impeller pump
Art. No. 10-24734-01

Part. No.	Description GB	Position	Quantity
01-24733-1	PUMP BODY F4B-9 1/1 kam	1	1
01-36127	SHAFT F4B-9	2	1
01-46007-2	ENDCOVER F4/F5B NEUTRAL	3	1
08-810B-1	IMPELLER	4	1
01-45542	SPACER D 12X16X4,3	5	1
0.0141.700	TAP BOLT M4X8 ISO4017 A2-70	6	6
0.2173.476	O-RING 54.6X2.4 NBR70	7	1
0.2173.432	O-RING 11.3X2.4 SS1586 NBR70	8	1
0.3431.748	BALL BEARING 6001 2 RS1 ST	9	2
0.0371.028	RETAIN. RING BORE D28 DIN472 SPRST	10	1
0.0370.012	EXT. CIRCLIP D12 DIN471 ST	11	1
0.2234.506	LIP SEAL 14x28x7 NITRILE	12	1
0.2233.010	LIP SEAL 12X24X7 DPSM	13	1
0.0633.703	PLUG TYPE 410036 D18.5MM DBI	0	2

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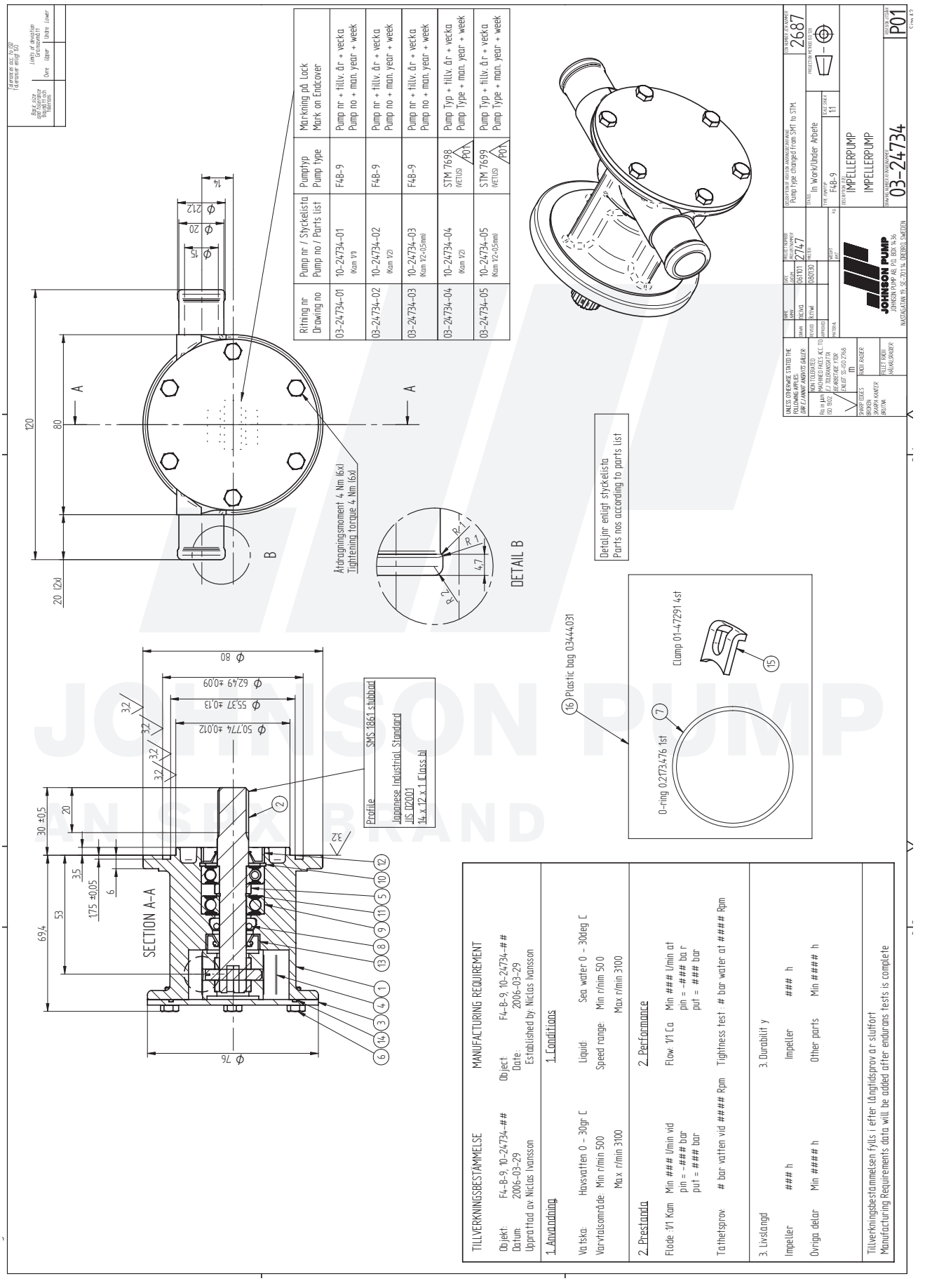

JOHNSON PUMP
AN SPX BRAND

F4B-9 Impeller pump
Art. No. 10-24749-01

Part. No.	Description GB	Position	Quantity
01-24613-1	BODY F4B-9	1	1
01-36133	SHAFT F4B-9 ZENITH	2	1
01-46007-2	ENDCOVER F4/F5B NEUTRAL	3	1
08-810B-1	IMPELLER	4	1
01-45084	CAM 1/2 F4B-	5	1
01-45542	SPACER D 12X16X4,3	6	1
01-42400	PIN F35B-/F7B/F70B	7	1
01-46737-2	WEAR PLATE F4B	8	1
01-45659	WASHER F4B-8/-9	9	1
01-46790-01	WASHER D7.5XD4X1 CU	10	1
01-46794-10	SCREW 8-32UNCX7	11	1
0.0279.300	SCREW M4X8 ISO1207 A4	12	6
0.0370.512	EXT. CIRCLIP D12 DIN471 FB	13	1
0.2173.476	O-RING 54.6X2.4 NBR70	14	1
0.2230.012	V-RING V-12S NBR70	15	1
0.3431.748	BALL BEARING 6001 2 RS1 ST	16	2
0.2247.021	MECH.SEAL COMPL D12	17	1
0.0371.028	RETAIN. RING BORE D28 DIN472 SPRST	18	1
0.0370.012	EXT. CIRCLIP D12 DIN471 ST	19	1
0.2234.021	OIL SEAL 15X28-7 DIN3760 NBR	20	1
01-35213-4	FLANGE F4B-9	21	1
0.0252.137	ALLEN SCREW M 6X 20-M-DIN912(A4)	22	4
01-43238	CLAMP F35/F4B-9	23	4
0.0633.701	PLUG TYPE 410025 D14MM DBI	0	1
0.0633.704	PLUG TYPE410038 D20.7MM DBI	0	2
01-46797	LABEL	0	1

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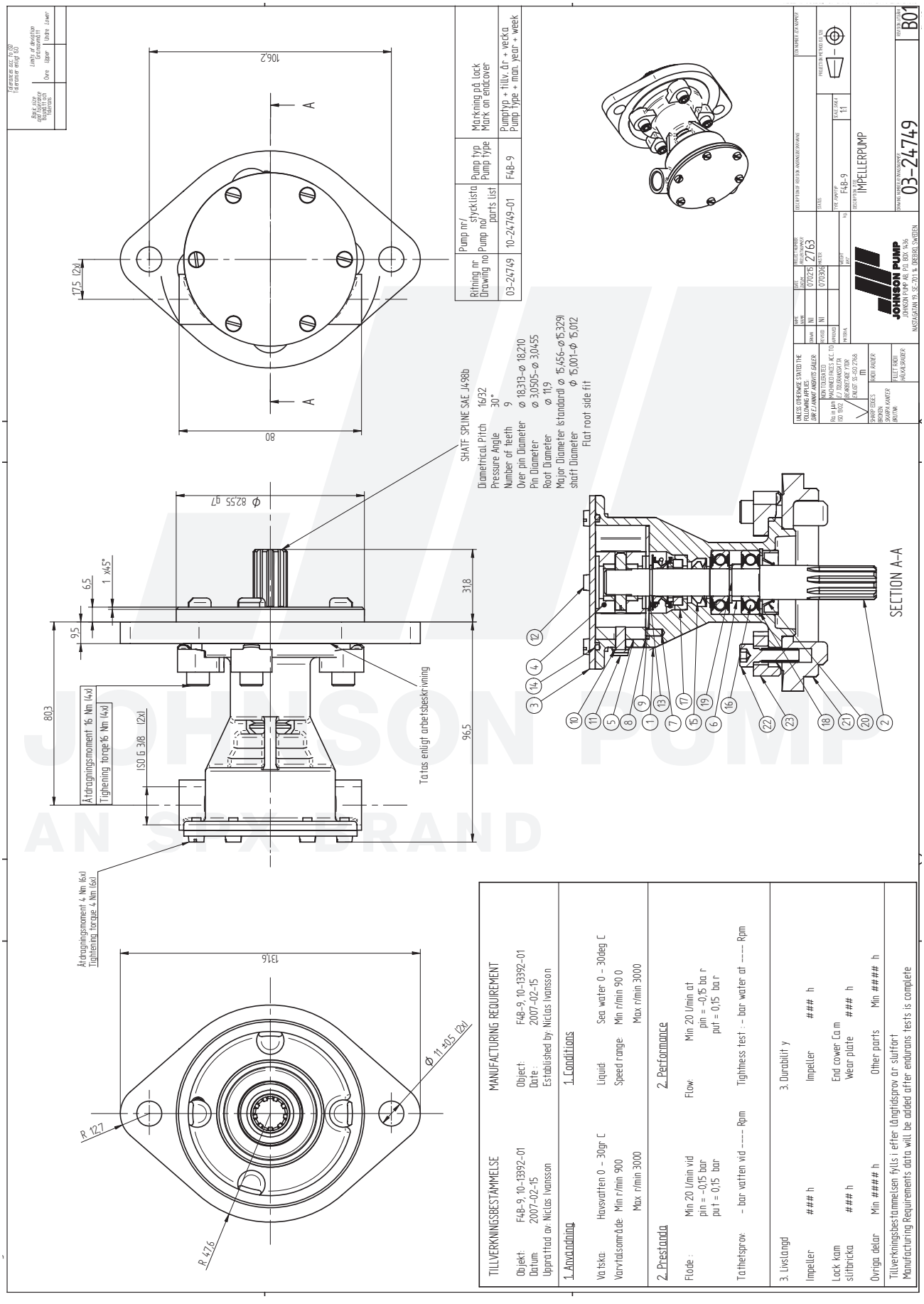

JOHNSON PUMP
AN SPX BRAND

F4B-903 Impeller pump
Art. Nr 10-24751-01

Part. No.	Description GB	Position	Quantity
01-24482-1	BODY F4B-9 (ISM)	1	1
01-46492	SHAFT F4B-9	2	1
01-46496	SPACER	3	1
01-45288	CAM 2/3 F4B-803/-903	4	1
01-45600	ENDCOVER F4B-9	5	1
01-45284	GASKET F4B-9	6	1
01-45955	WASHER F35/F4B-9	7	1
01-46790-01	WASHER D7.5XD4X1 CU	8	1
01-46794-03	SCREW 8-32UNCX8	9	1
0.0279.300	SCREW M4X8 ISO1207 A4	11	6
0.2173.401	O-RING 11.1X1.6 SS1586 NBR70	12	1
0.3431.441	BALL BEARING 6001 ST	13	2
0.2233.010	LIP SEAL 12X24X7 DPSM	14	2
0.0371.028	RETAIN. RING BORE D28 DIN472 SPRST	15	1
0.0370.012	EXT. CIRCLIP D12 DIN471 ST	16	1
08-1026B-01	IMPELLER VP3593658	17	1

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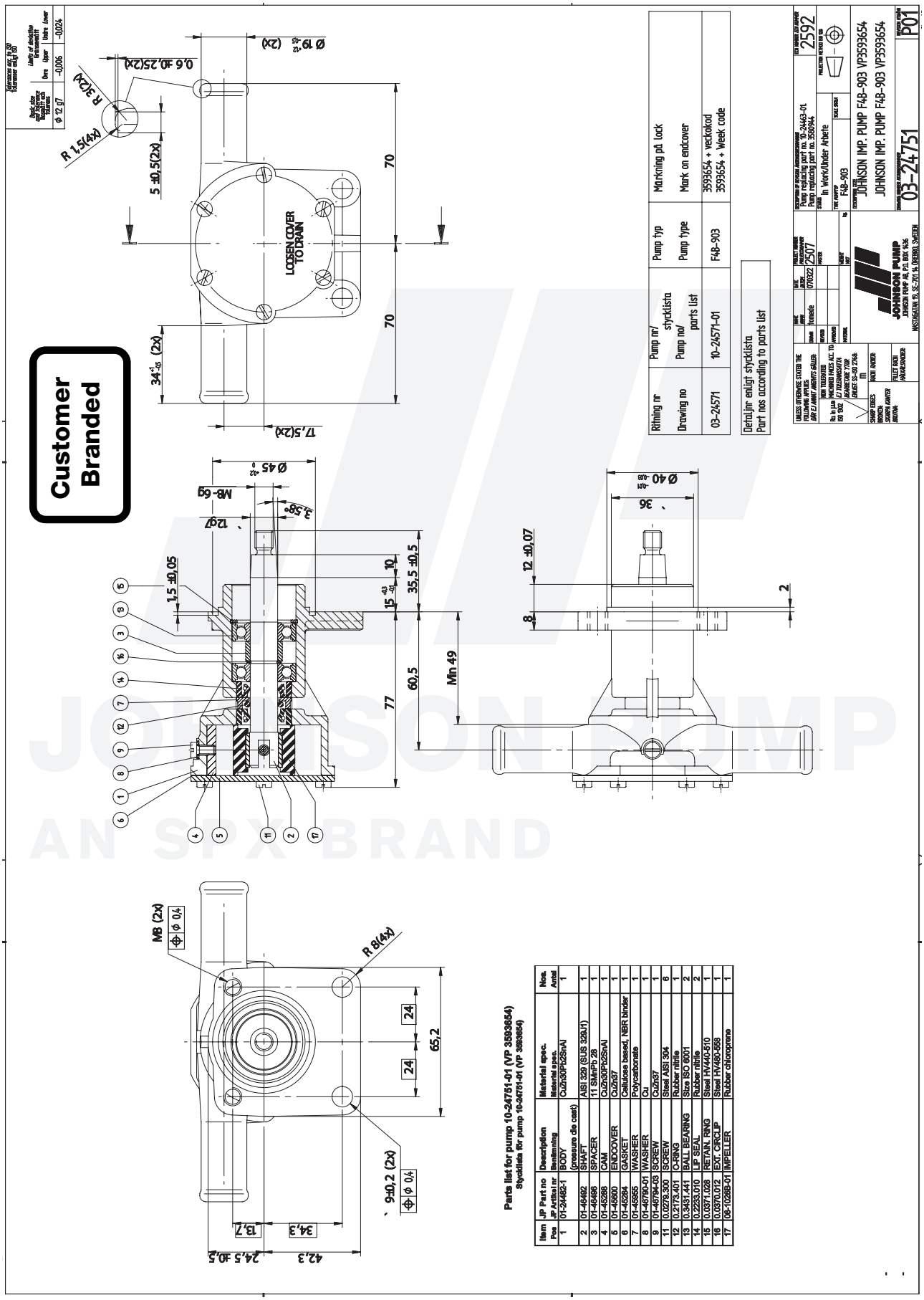

Parts list for pump 10-24751-01 (VP 3593654)
Stycklista för pump 10-24751-01 (VP 3593654)

Item Pos	JP Part no JP Artikel nr	Description Benämning	Material spec. Material spec.	Nos. Antal
1	01-24482-1	BODY (pressure die cast)	CuZn30Pb2Sn4J	1
2	01-46462	SHAFT	AISI 329 (SUS 329J1)	1
3	01-46496	SPACER	11 SMnPb 28	1
4	01-45268	CAM	CuZn30Pb2Sn4J	1
5	01-45600	ENDCOVER	CuZn37	1
6	01-45284	GASKET	Cellulose based, NBR binder	1
7	01-45955	WASHER	Polycarbonate	1
8	01-46790-01	WASHER	Cu	1
9	01-46794-03	SCREW	CuZn37	1
10	0.0273.300	SCREW	Steel AISI 304	6
11	0.2173.401	O-RING	Rubber nitrile	1
12	0.2431.441	BALL BEARING	Size ISO 6001	2
13	0.2223.010	LIP SEAL	Rubber nitrile	2
14	0.0371.028	RETAIN. RING	Steel HV440-510	1
15	0.0370.012	EXT. O-RING	Steel HV480-568	1
16	0.0370.012	IMPELLER	Rubber chloroprene	1
17	08-10288-01	IMPELLER		1

JOHNSON PUMP
AN SPX BRAND

F4B-9 Impeller pump
Art. No. 10-24752-01

Part. No.	Description GB	Position	Quantity
01-24483-1	BODY F4B-9 (ISM)	1	1
01-46491	SHAFT F4B-9	2	1
01-46496	SPACER	3	1
01-42389	CAM 1/1 F4B-	4	1
01-45600	ENDCOVER F4B-9	5	1
01-45284	GASKET F4B-9	6	1
01-45955	WASHER F35/F4B-9	7	1
01-46790-01	WASHER D7.5XD4X1 CU	8	1
01-46794-03	SCREW 8-32UNCX8	9	1
0.0279.300	SCREW M4X8 ISO1207 A4	11	6
0.2173.401	O-RING 11.1X1.6 SS1586 NBR70	12	1
0.3431.441	BALL BEARING 6001 ST	13	2
0.2233.010	LIP SEAL 12X24X7 DPSM	14	2
0.0371.028	RETAIN. RING BORE D28 DIN472 SPRST	15	1
0.0370.012	EXT. CIRCLIP D12 DIN471 ST	16	1
08-1026B-01	IMPELLER VP3593658	17	1

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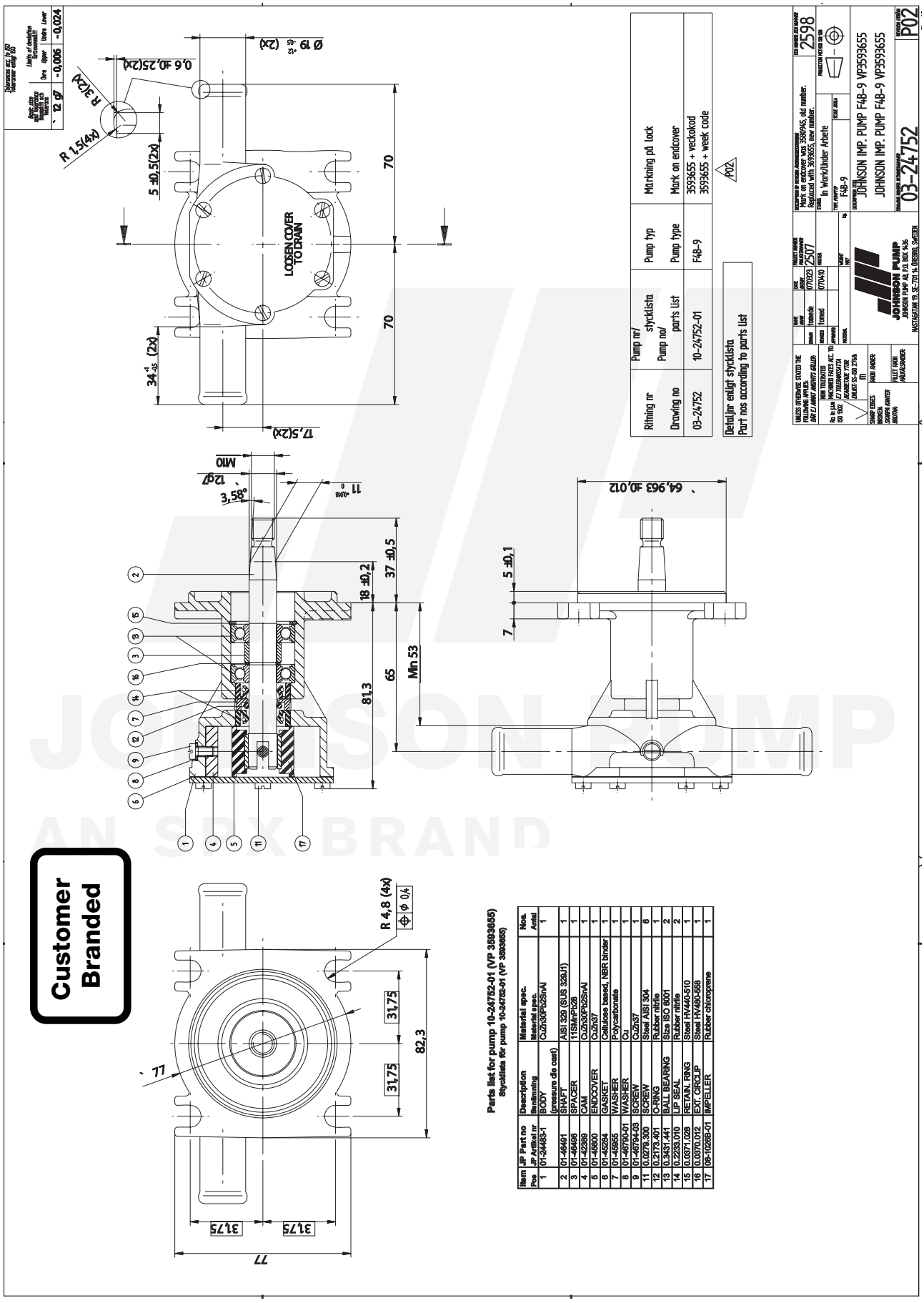
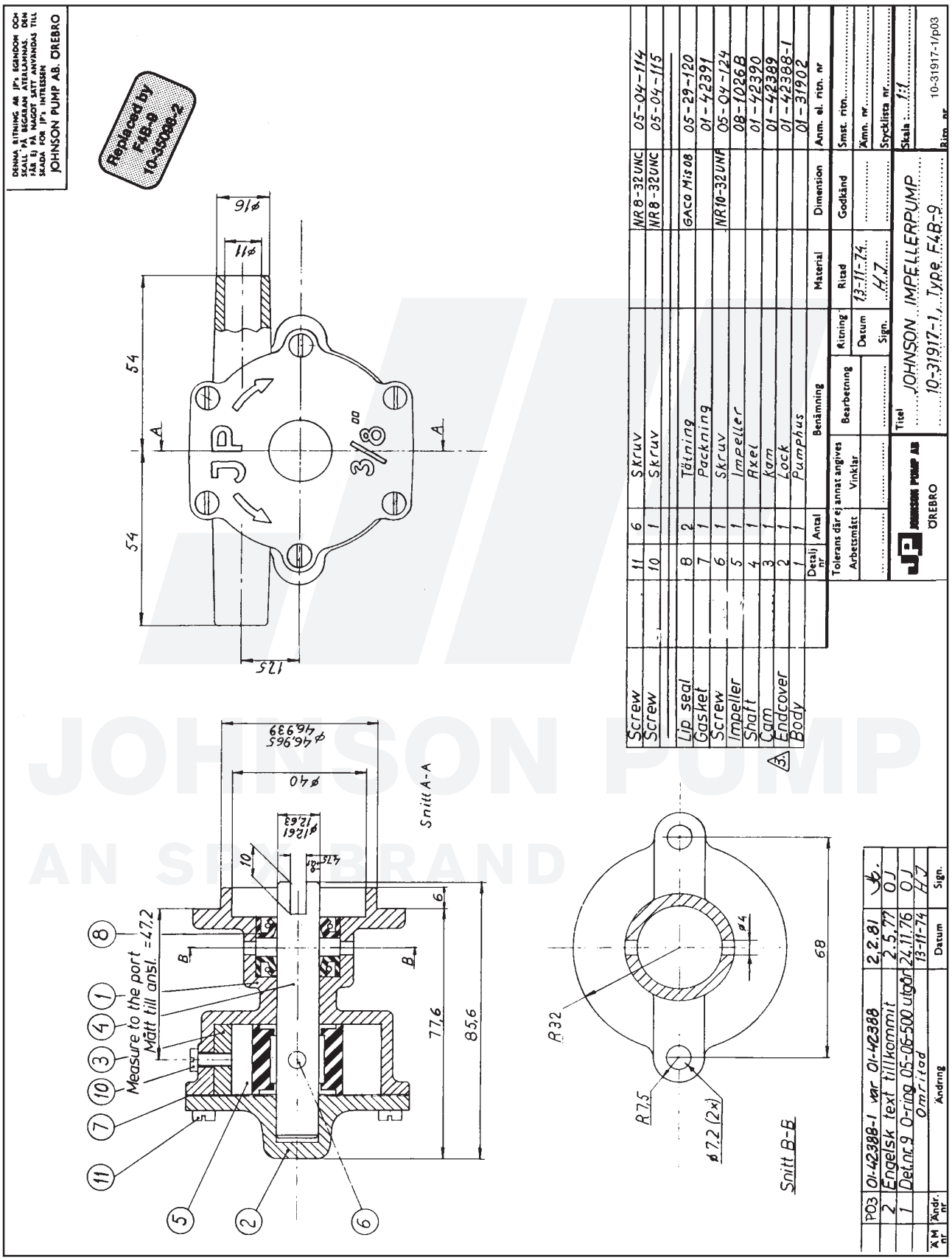


JOHNSON PUMP AN SPX BRAND

10-31917 pump F4B-9



JOHNSON PUMP
AN SPX BRAND

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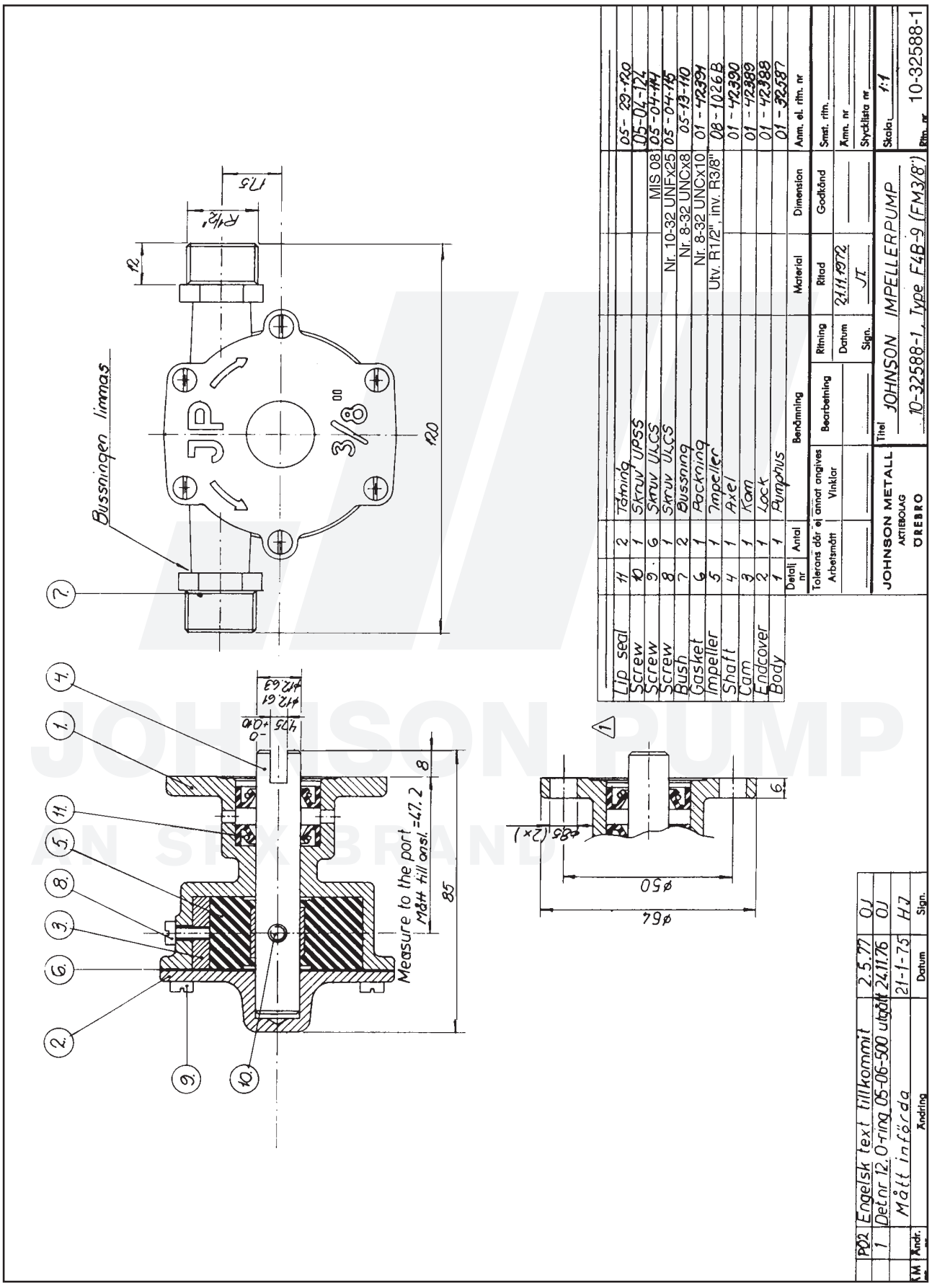
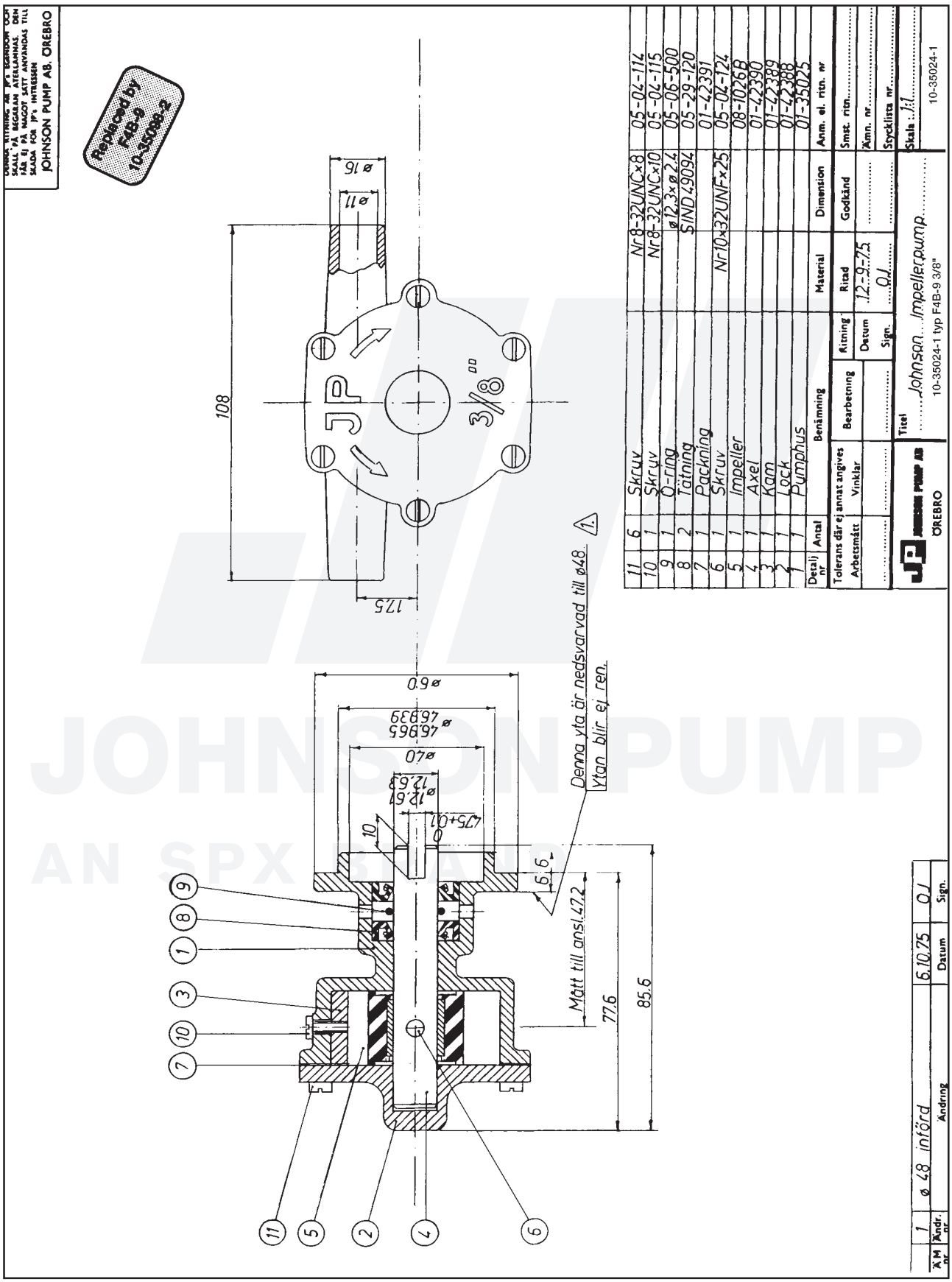


JOHNSON PUMP
AN SPX BRAND

10-35024 pump F4B-9



JOHNSON PUMP
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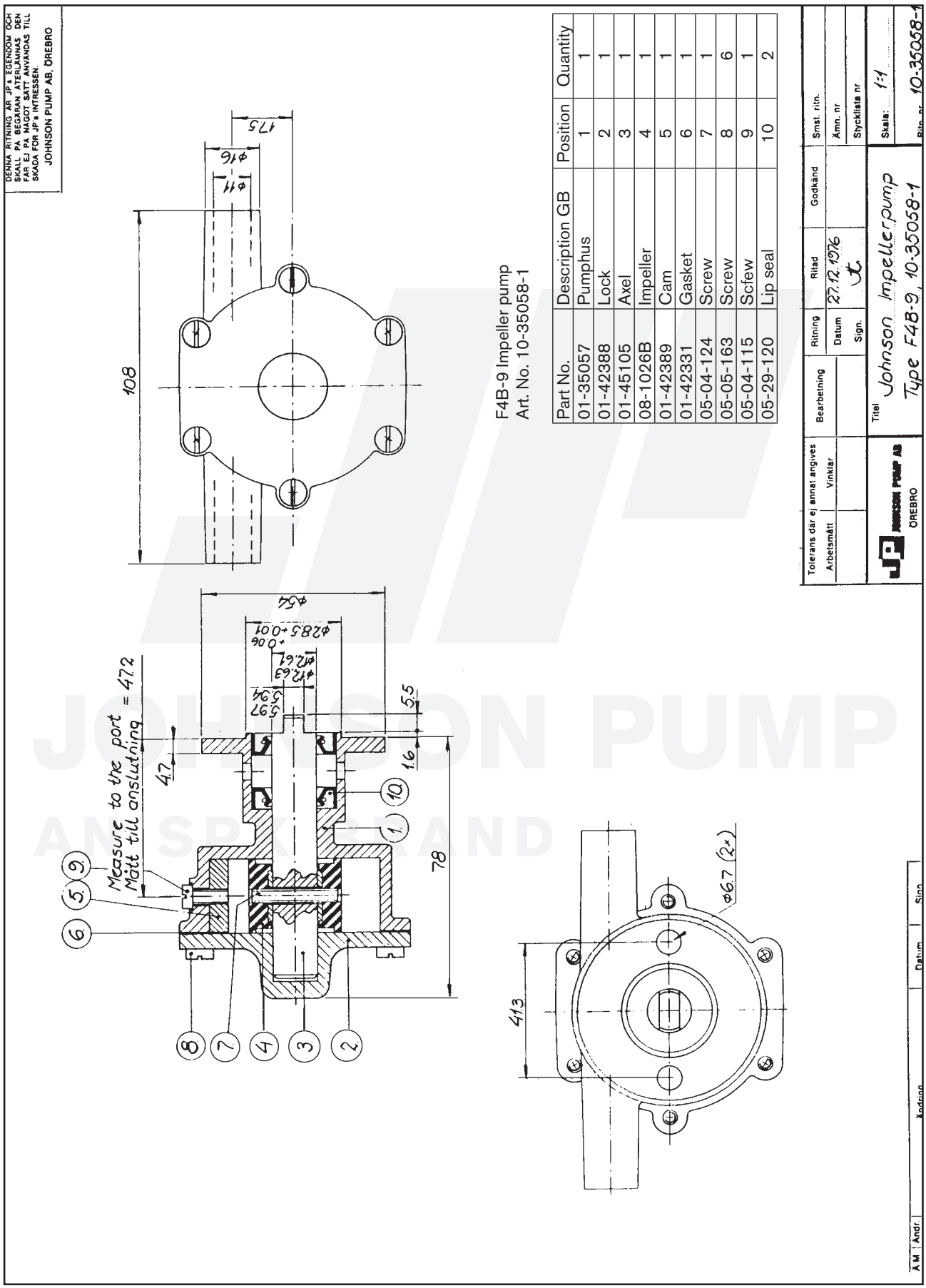
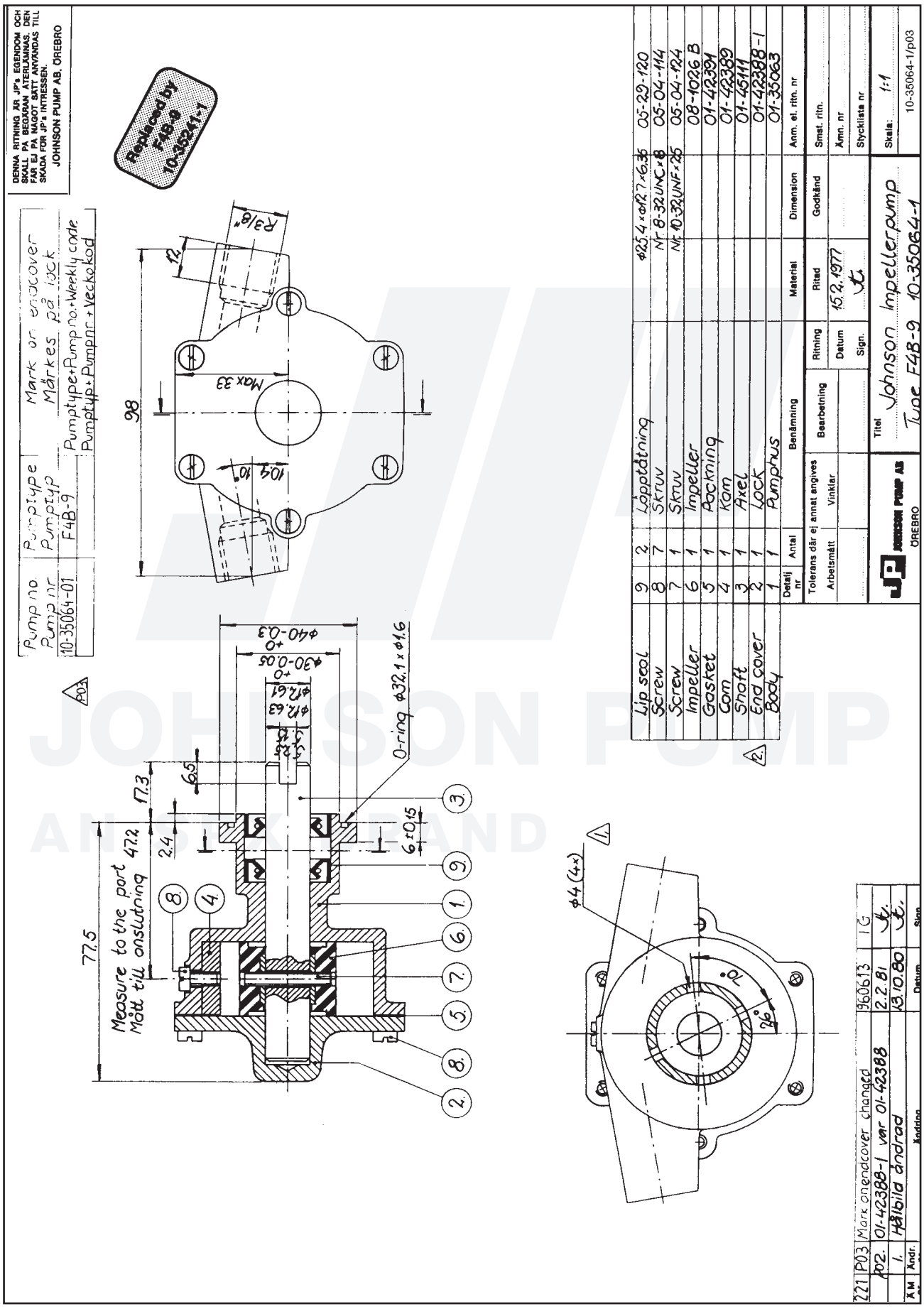


JOHNSON PUMP
AN SPX BRAND

10-35064 pump F4B-9



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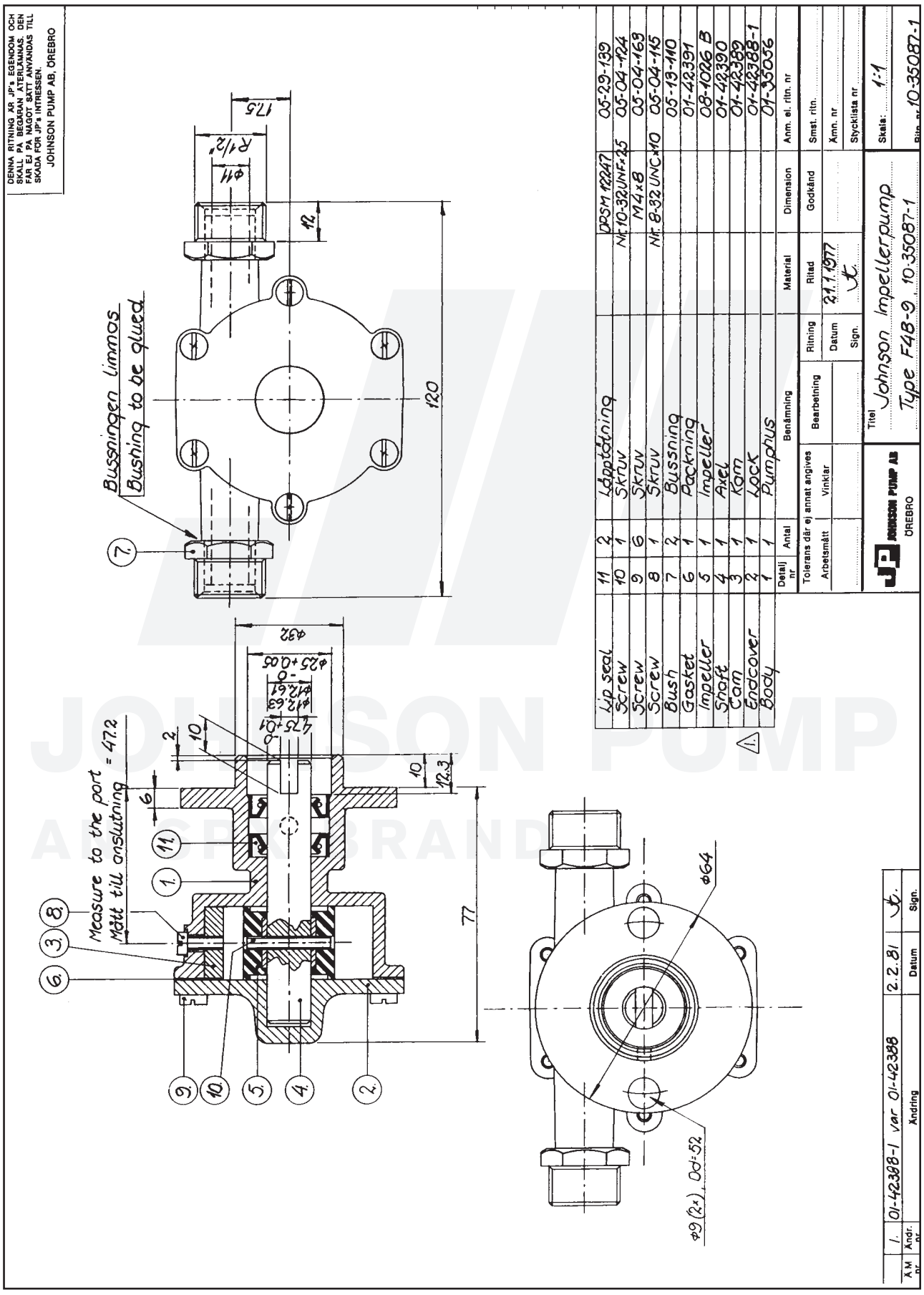

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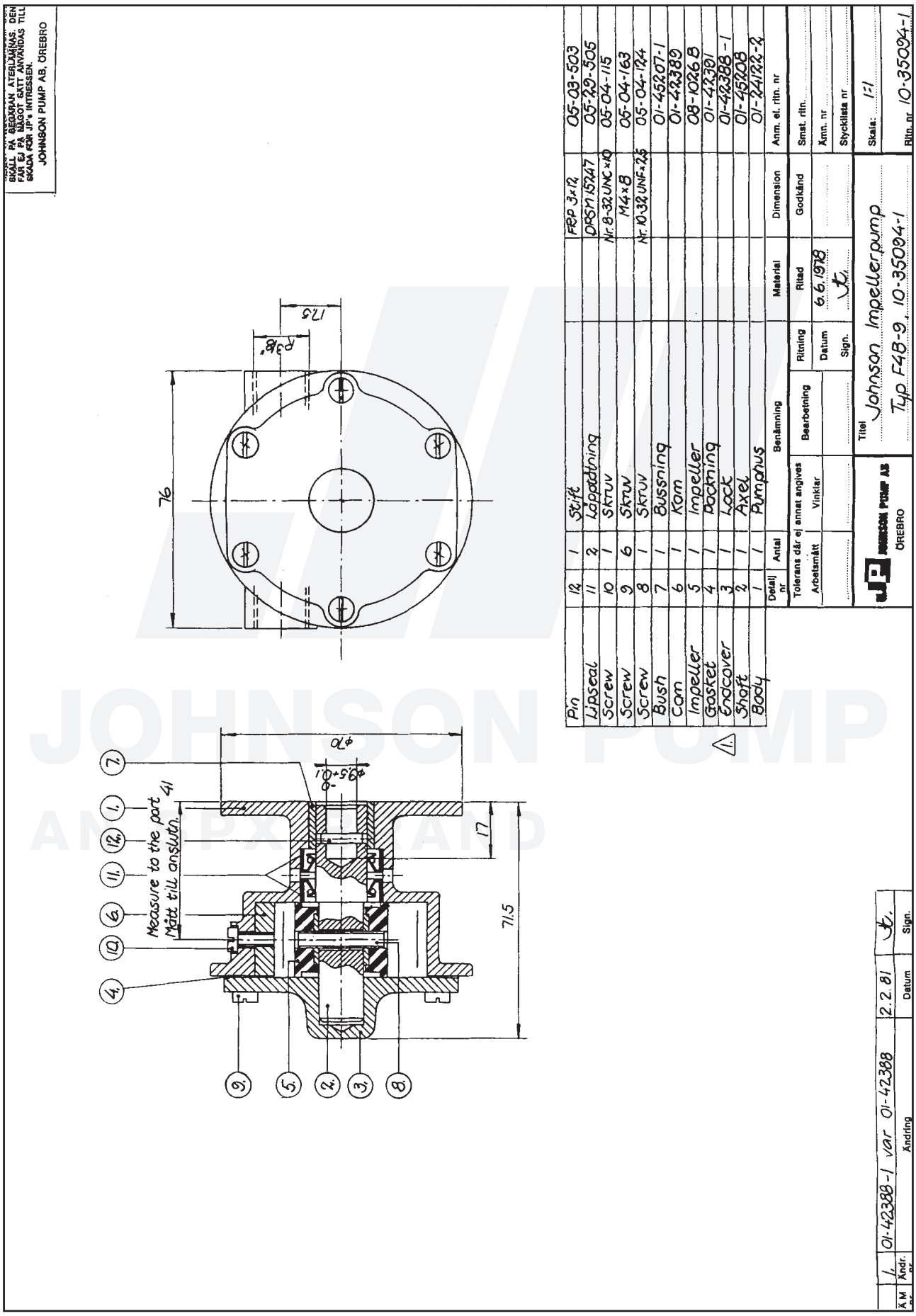
10-35094 pump F4B-9



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JOHNSON PUMP
AN SPX BRAND

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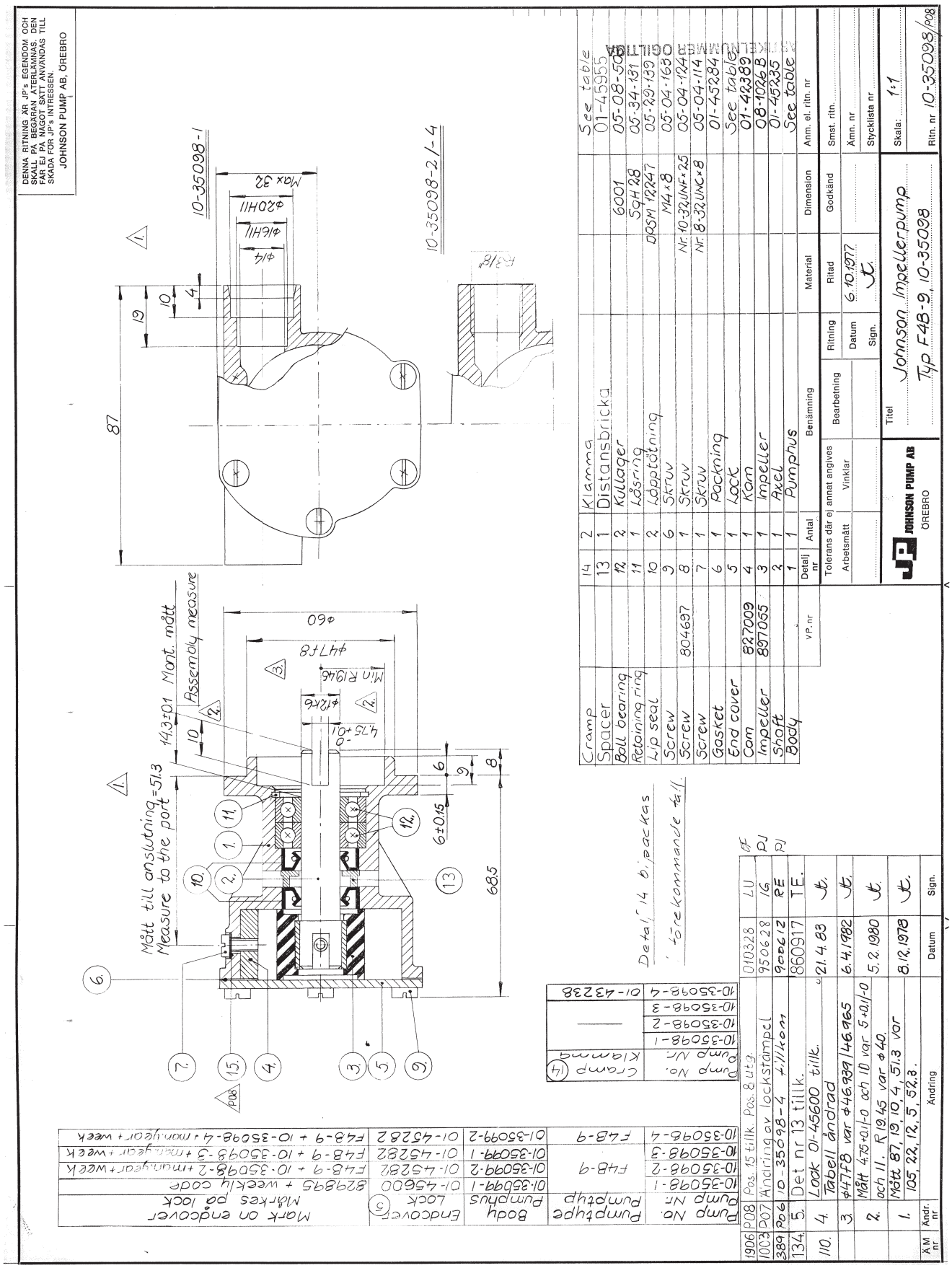
F4B-9 Impeller pump
Art. No. 10-35098-1

Part. No.	Description GB	Position	Quantity
01-35099-1	BODY F4B-9	1	1
01-45235	SHAFT F4B-9	2	1
08-1026B-01	IMPELLER VP3593658	3	1
01-42389	CAM 1/1 F4B-	4	1
01-45600	ENDCOVER F4B-9	5	1
01-45284	GASKET F4B-9	6	1
01-46794-03	SCREW 8-32UNCX8	7	1
0.0279.501	SCREW M4X8 ISO1207	9	6
0.2233.010	LIP SEAL 12X24X7 DPSM	10	2
0.0371.028	RETAIN. RING BORE D28 DIN472 SPRST	11	1
0.3431.441	BALL BEARING 6001 ST	12	2
01-45955	WASHER F35/F4B-9	13	1
01-46790-01	WASHER D7.5XD4X1 CU	15	1

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB

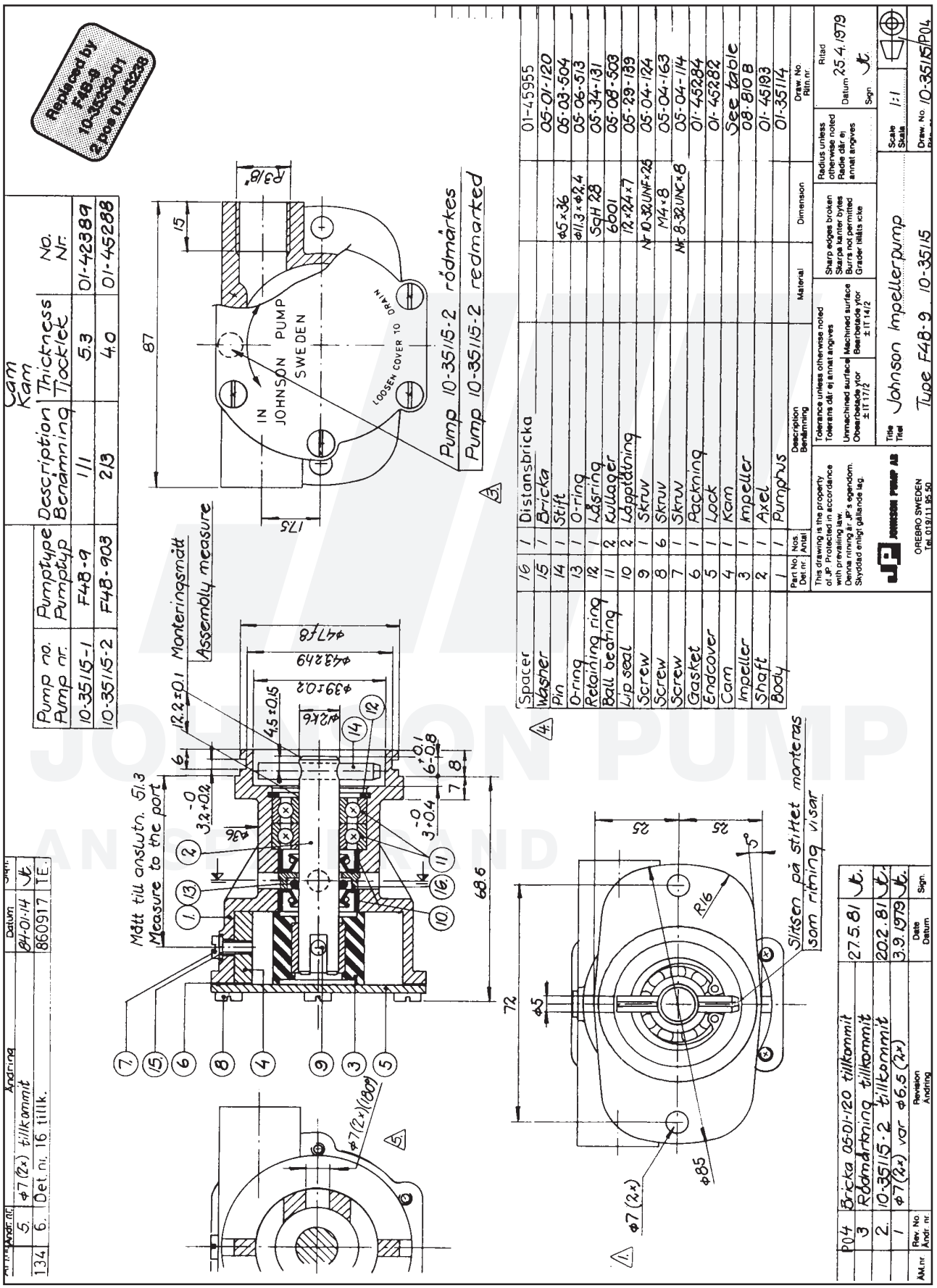


Pump No.	Pumptype	Pumphus	Endcover	Mark on endcover
10-35098-1	F4B-9	01-35099-1	01-45600	829895 + weekly code
10-35098-2		01-35099-2	01-45282	F4B-9 + 10-35098-2 + manufacturer + week
10-35098-3		01-35099-1	01-45282	F4B-9 + 10-35098-3 + manufacturer + week
10-35098-4		01-35099-2	01-45282	F4B-9 + 10-35098-4 + manufacturer + week

Pump No.	Clamp (14)
10-35098-1	—
10-35098-2	
10-35098-3	
10-35098-4	01-43238

Ändr. nr	Ändring	Datum	Sign.
1906	P08 Pos. 15 tillk. Pos. 8 utg.	010328	LU
1003	P07 Ändring av lockstämpel	950628	IG
389	P06 10-35098-4 tillkom	960612	RE
134	5. Det nr 13 tillk.	860917	TE.
110.	4. Lock 01-45600 tillk.	21.4.83	JL.
	Tabell ändrad	6.4.1982	JL.
	3. ø47f8 var ø46.939/46.965		
	2. Mått 4.75+0.1/-0 och 10 var 5+0.1/-0	5.2.1980	JL.
	och 11. R 19.45 var ø40.		
	1. Mått 87, 19, 10, 4, 51.3 var	8.12.1978	JL.
	105, 22, 12, 5, 52, 8.		

10-35115 pump F4B-9



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JOHNSON PUMP

AN SPX BRAND

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB

F4B-9 Impeller pump
Art. No. 10-35127-1

Part. No.	Description GB	Position	Quantity
01-35099-2	BODY F4B-9	1	1
01-45353	SHAFT F35/F4B-9	2	1
08-810B-1	IMPELLER	3	1
01-42389	CAM 1/1 F4B-	4	1
01-45282	ENDCOVER F4B-9	5	1
01-45284	GASKET F4B-9	6	1
01-46794-03	SCREW 8-32UNCX8	7	1
0.0279.501	SCREW M4X8 ISO1207	9	6
0.2233.010	LIP SEAL 12X24X7 DPSM	10	2
0.0371.028	RETAIN. RING BORE D28 DIN472 SPRST	11	1
0.3431.441	BALL BEARING 6001 ST	12	2
0.2173.401	O-RING 11.1X1.6 SS1586 NBR70	13	1
01-43238	CLAMP F35/F4B-9	14	2
0.2173.473	O-RING 49.6X2.4 SS1586 NBR70	15	1
01-45955	WASHER F35/F4B-9	16	1
01-46790-01	WASHER D7.5XD4X1 CU	17	1
0.0633.714	PLUG TYPE 410027 D14.5MM DBI	0	2
0.3444.001	CARTON NO. 1 170X135X 90	0	1
0.3444.035	PLASTIC BAG 70X100 MM	0	1
JP 533	INSRUCTIONS/IMPELLERCARD	0	1
01-47039	BOX LABEL JP 135X45	0	1

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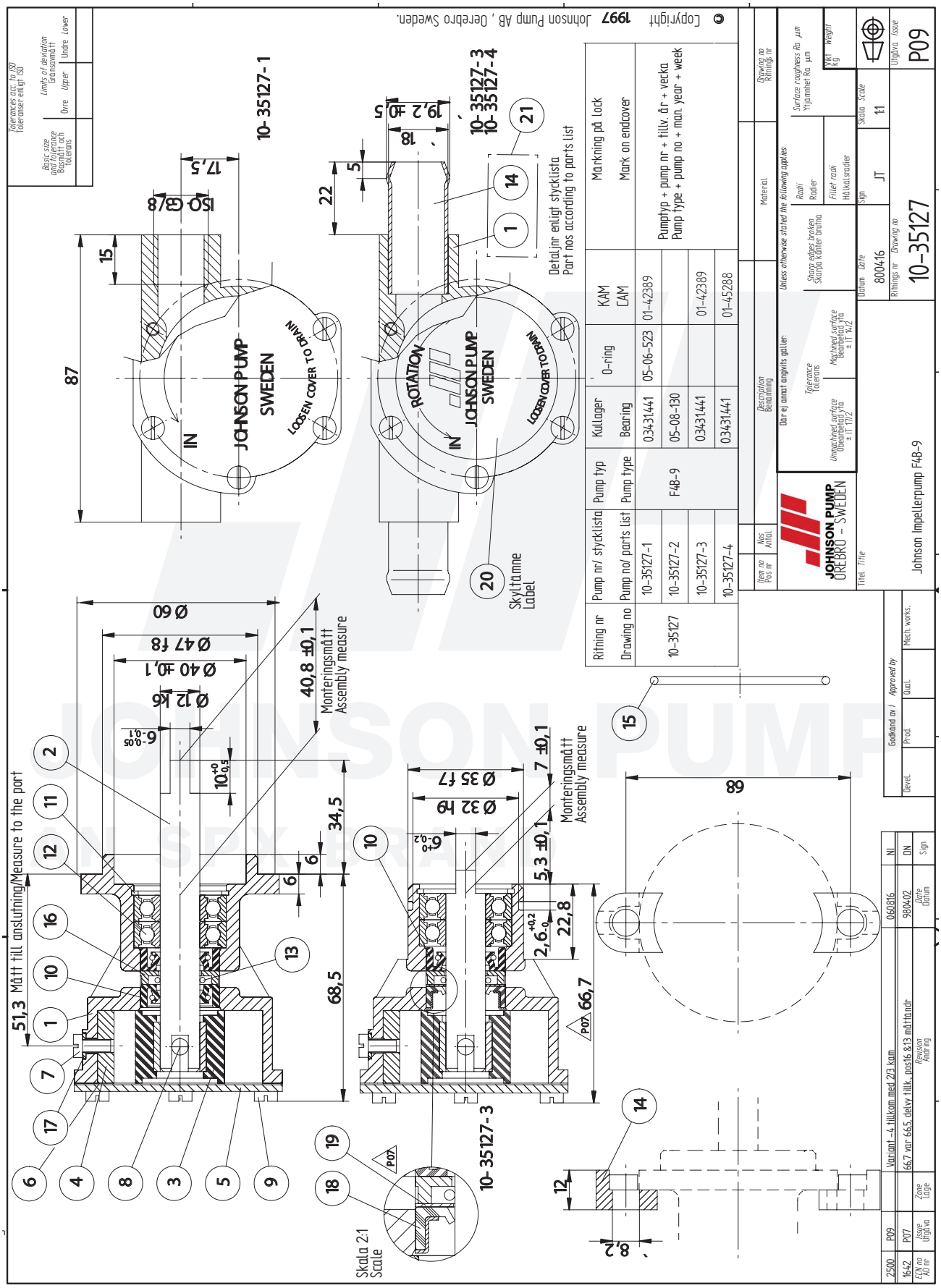
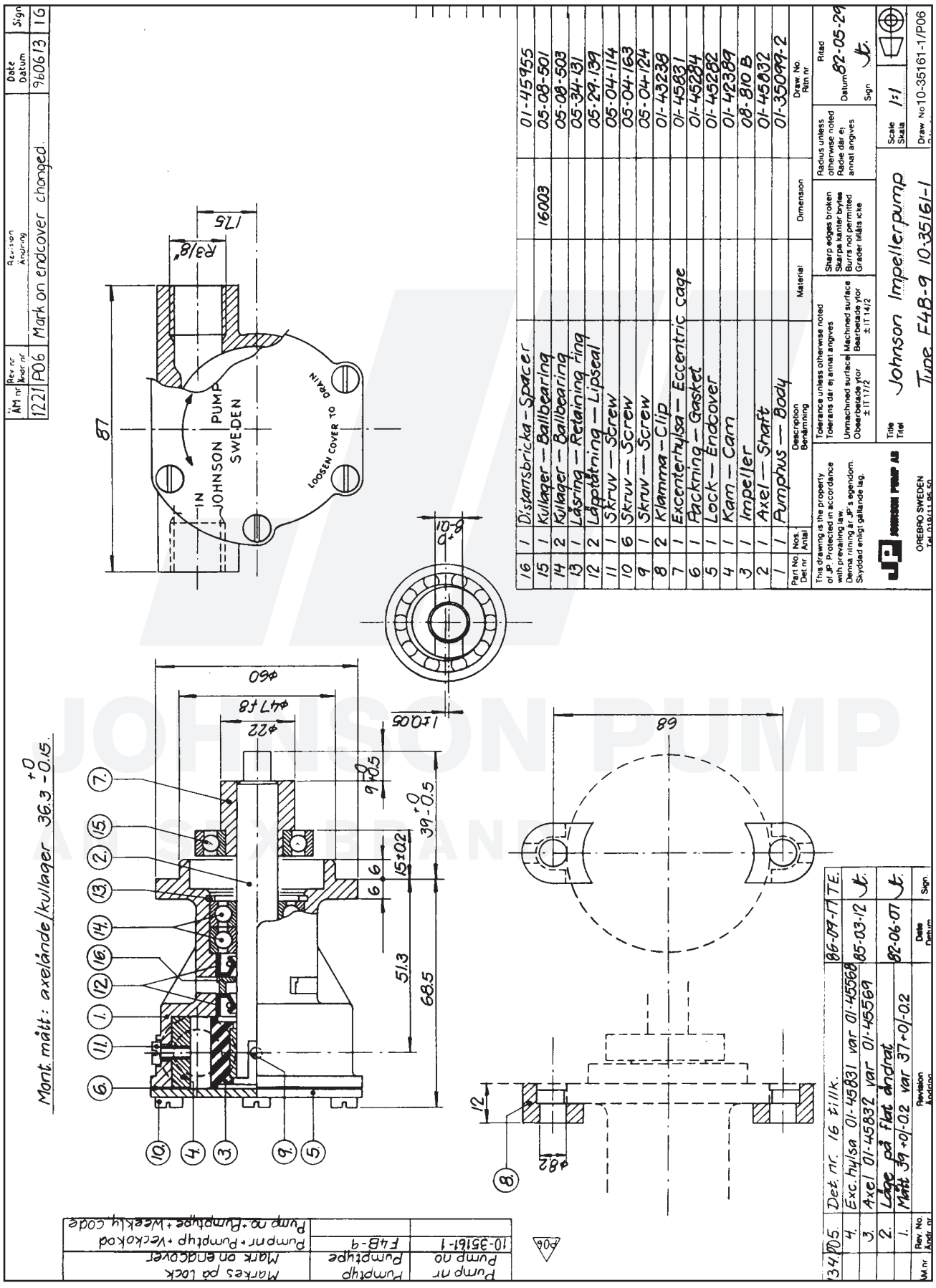
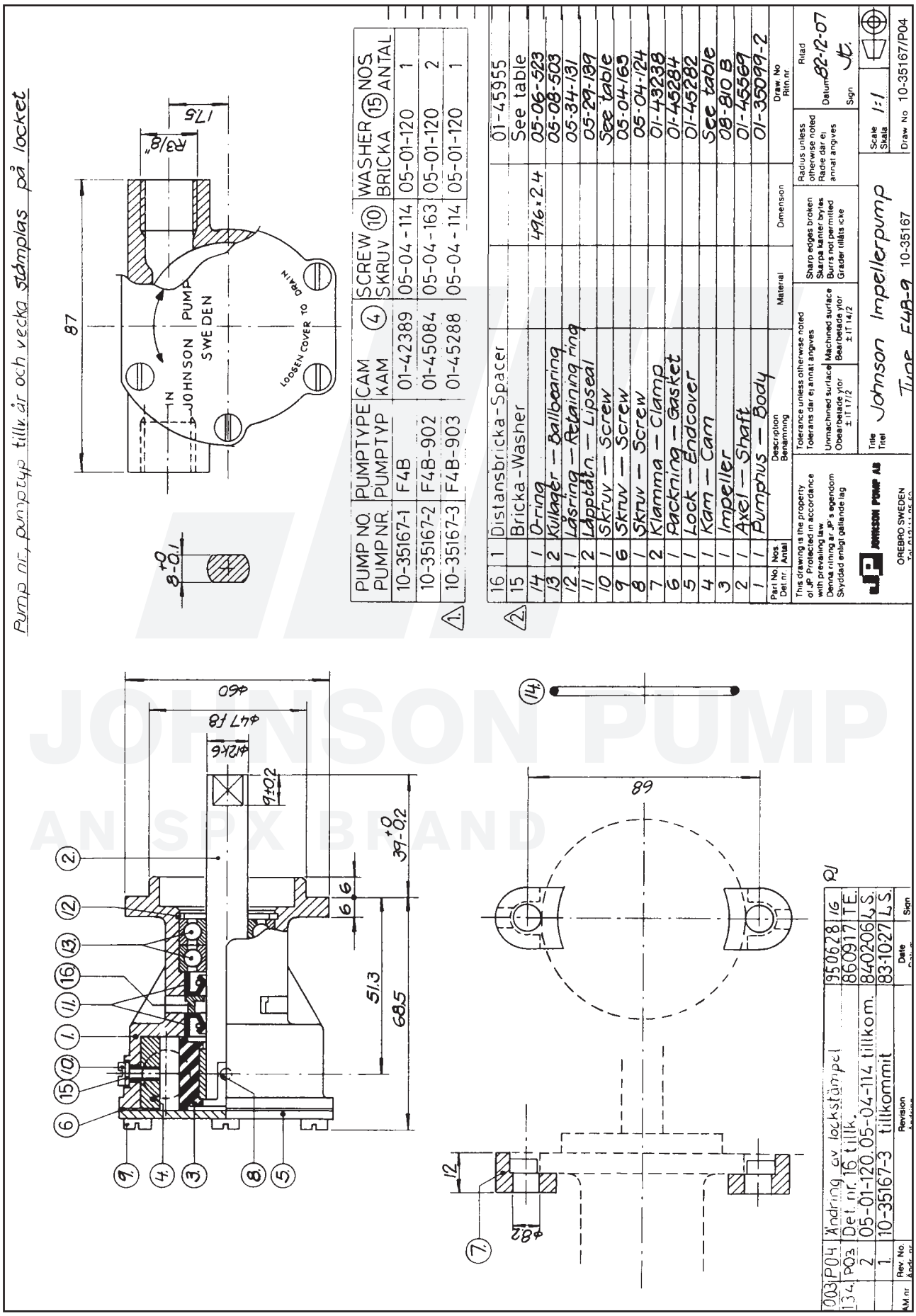

10-35127-1
10-35127-3
10-35127-4
JOHNSON PUMP
SWEDEN
ROTATION
IN
LOOSEN COVER TO DRAIN
Skyltamme
Label
Detaljnr enligt stycklista
Part nos according to parts list
Mått till anslutning/Measure to the port
Monteringsmått
Assembly measure
Skala 2:1
Scale
Pump nr/ stycklista
Pump no/ parts list
Pump typ
Pump type
Kullager
Bearing
O-ring
KAM
CAM
10-35127-1
10-35127-2
10-35127-3
10-35127-4
F4B-9
03431441
05-08-130
05-06-523
01-42389
01-45288
Ritning nr
Drawing no
10-35127
Markning på lock
Mark on endcover
Pumptyp + pump nr + tillv. år + vecka
Pump type + pump no + man. year + week
JOHNSON PUMP
ÖREBRO – SWEDEN
Johnson Impellerpump F4B-9
10-35127
P09
Material
Skala Scale 1:1
Sign JT
Datum Date 800416
Godkänd av / Approved by
Devel.
Prod.
Qual.
Mech. works:
Variant -4 tillkom med 2/3 kom
667 var 665, delar tillk. pos16 &13 måttlinjer
Revision
Ändring
060816
980402
Datum
Sign
Zone
Läge
Issue
Utgåva
P09
P07
2500
1642
Copyright 1997 Johnson Pump AB, Örebro Sweden.

10-35161 pump F4B-9



The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB



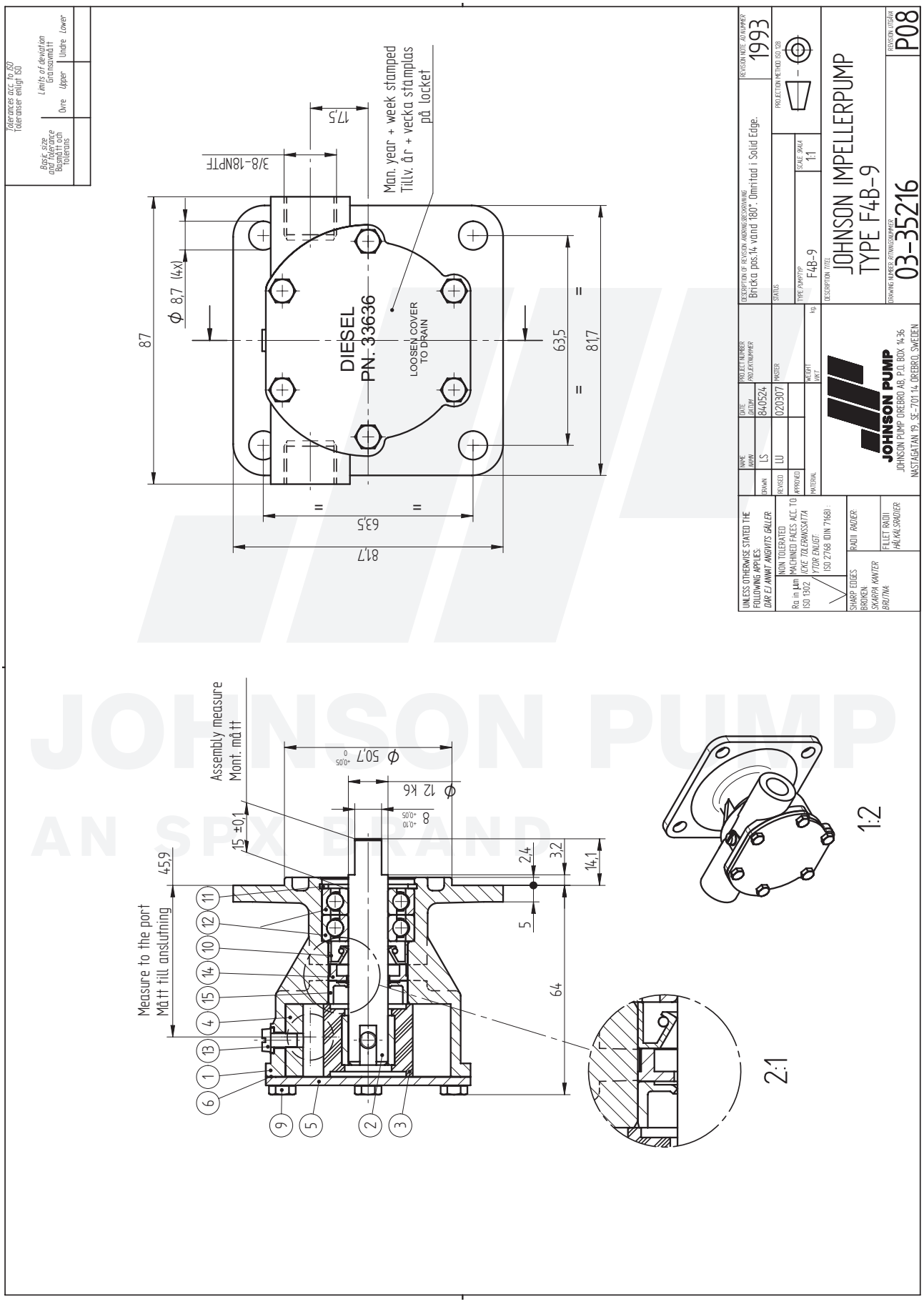
JOHNSON PUMP AN SPX BRAND

F4B-9 Impeller pump

Art. No. 10-35216-1

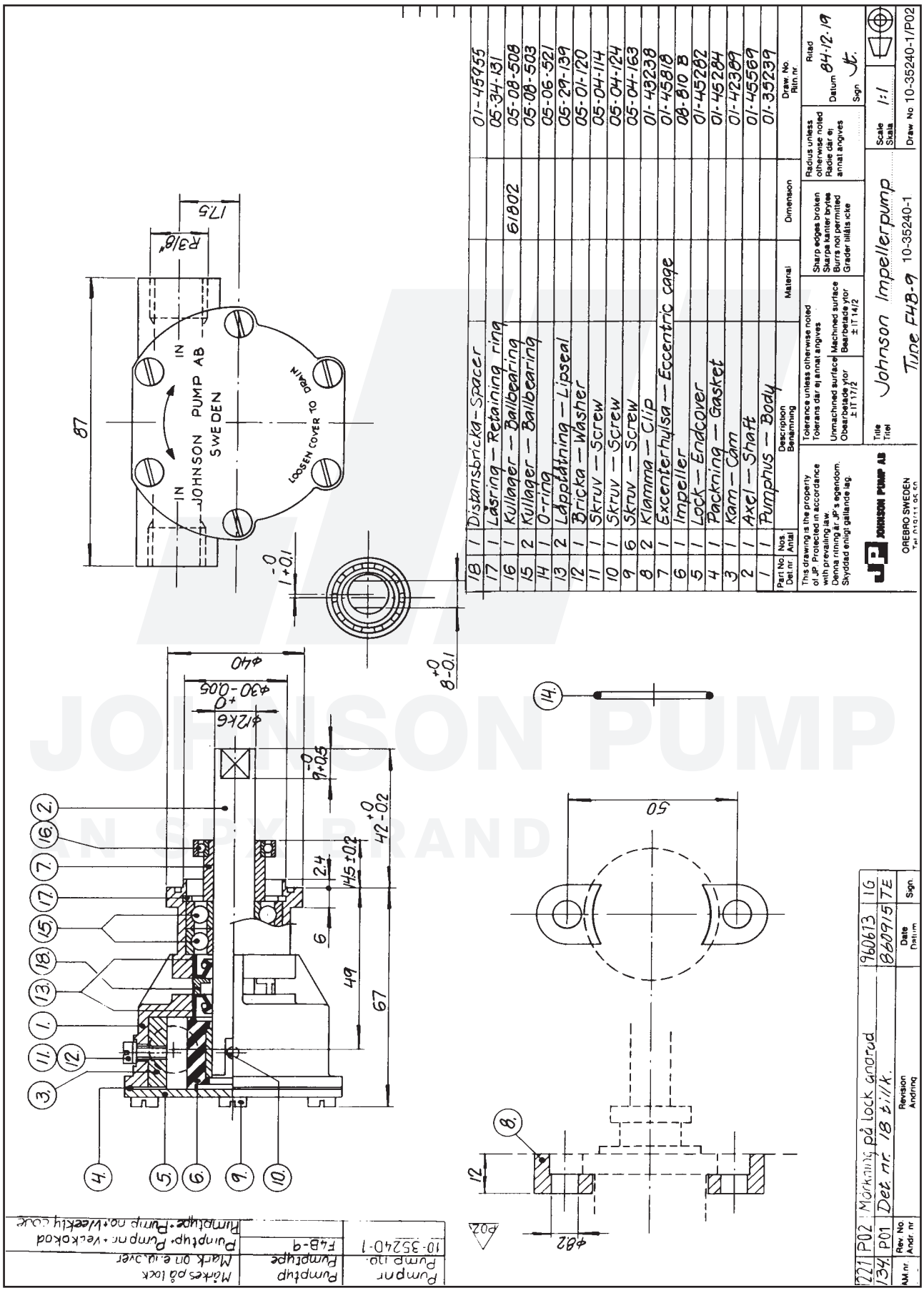
Part. No.	Description GB	Position	Quantity
01-35215	BODY F4B-9	1	1
01-45762	SHAFT F4B-9	2	1
08-810B-1	IMPELLER	3	1
01-42389	CAM 1/1 F4B-	4	1
01-45763	ENDCOVER F4B-9	5	1
01-45284	GASKET F4B-9	6	1
01-46794-03	SCREW 8-32UNCX8	7	1
0.0141.700	TAP BOLT M4X8 ISO4017 A2-70	9	6
0.2233.010	LIP SEAL 12X24X7 DPSM	10	1
0.0371.028	RETAIN. RING BORE D28 DIN472 SPRST	11	1
0.3431.441	BALL BEARING 6001 ST	12	2
01-46790-01	WASHER D7.5XD4X1 CU	13	1
01-45955	WASHER F35/F4B-9	14	1
0.2233.251	LIP SEAL 12X24X7 B	15	1
0.0633.701	PLUG TYPE 410025 D14MM DBI	0	2

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB

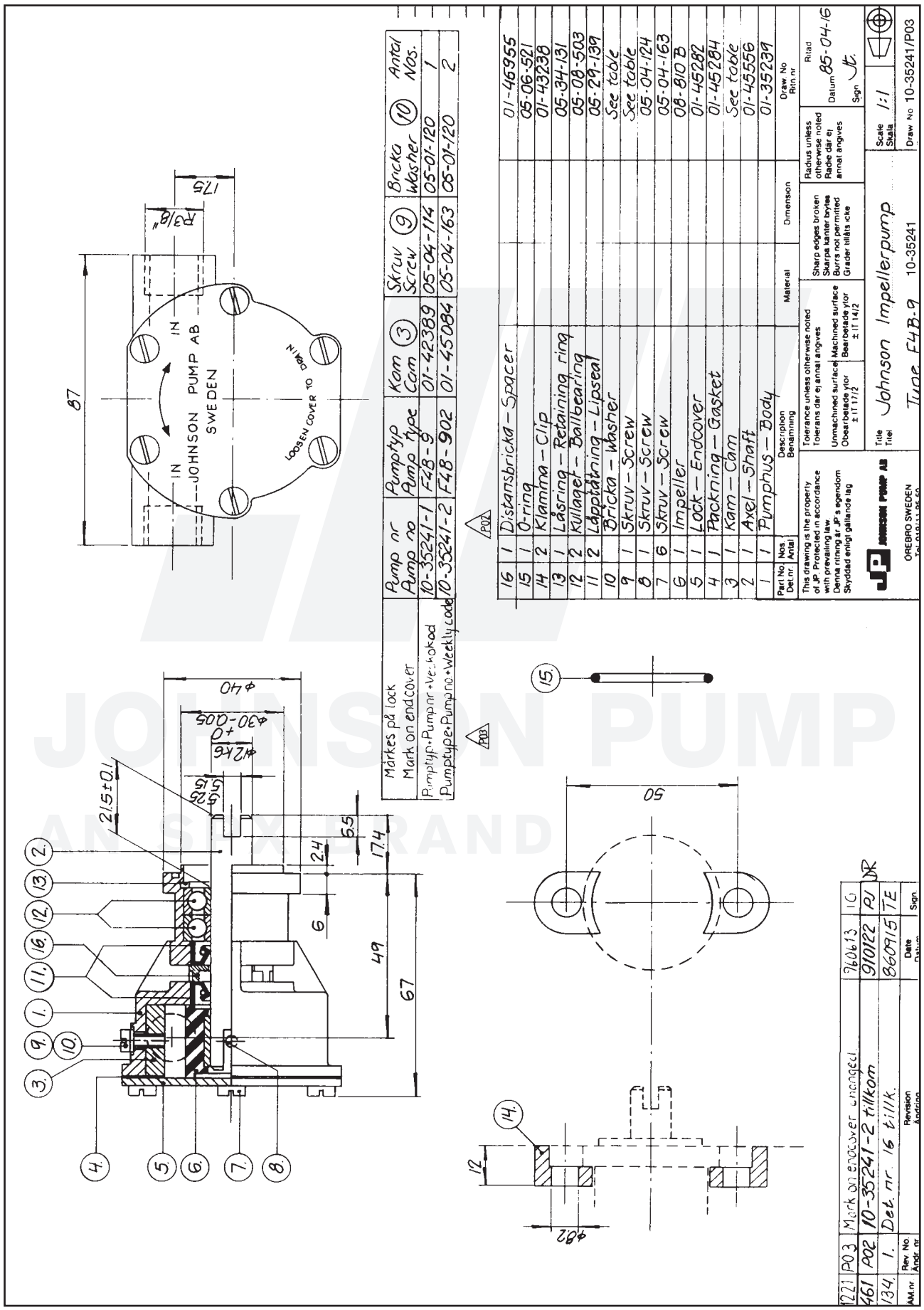


JOHNSON PUMP
AN SPX BRAND

10-35240 pump F4B-9



The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB



JOHNSON PUMP
AN SPX BRAND

F4B-9 Impeller pump
Art. No 10-35271-01

Part. No.	Description GB	Position	Quantity
01-35099-2	BODY F4B-9	1	1
01-45950	SHAFT F4B-9	2	1
08-810B-1	IMPELLER	3	1
01-42389	CAM 1/1 F4B-	4	1
01-45282	ENDCOVER F4B-9	5	1
01-45284	GASKET F4B-9	6	1
01-45949	ECCENTRIC SLEEVE F4B-9	7	1
01-43238	CLAMP F35/F4B-9	8	2
0.0279.501	SCREW M4X8 ISO1207	10	6
01-46794-03	SCREW 8-32UNCX8	11	1
0.2233.010	LIP SEAL 12X24X7 DPSM	12	2
0.0371.028	RETAIN. RING BORE D28 DIN472 SPRST	13	1
0.3431.441	BALL BEARING 6001 ST	14	2
0.3431.204	BALL BEARING 16003 ST	15	1
01-45955	WASHER F35/F4B-9	16	1
01-46790-01	WASHER D7.5XD4X1 CU	17	1
0.0633.701	PLUG TYPE 410025 D14MM DBI	0	2
0.3444.001	CARTON NO. 1 170X135X 90	0	1
01-47039	BOX LABEL JP 135X45	0	1
JP 533	INSRUCTIONS/IMPELLERCARD	0	1

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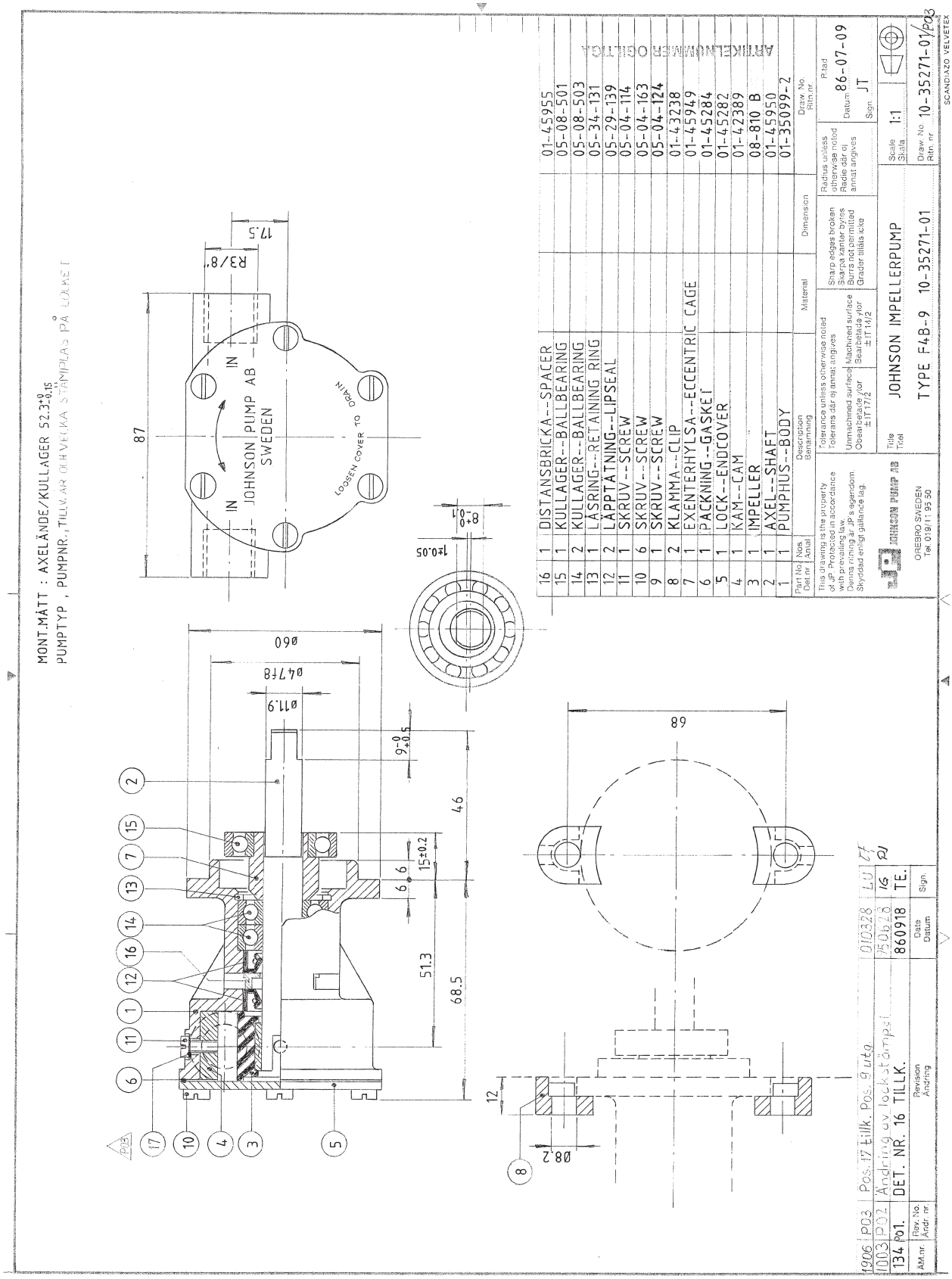
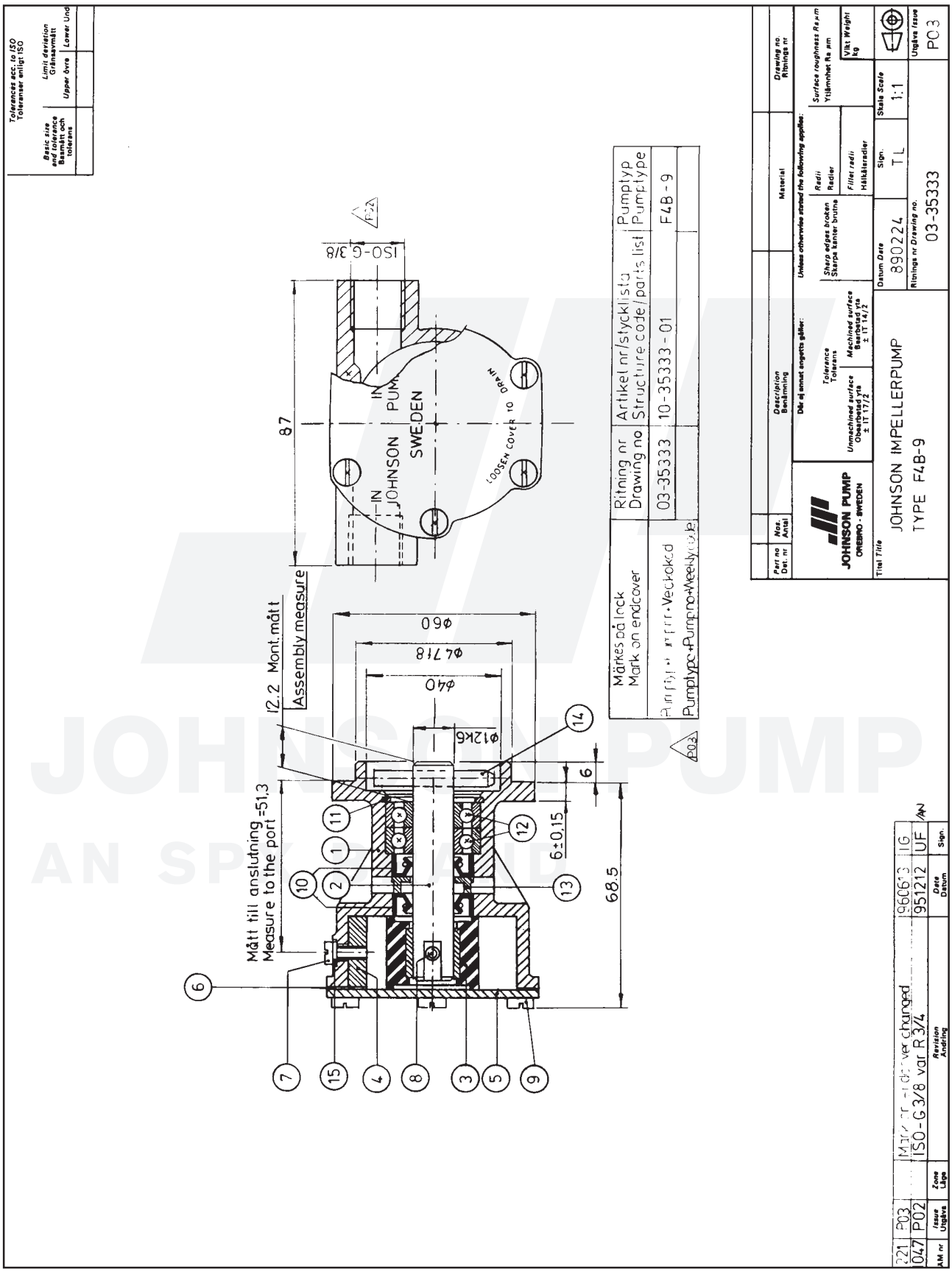

MONT.MÅTT : AXELÄNDE/KULLAGER 52.3+0.15
PUMPTYP , PUMPNR., TILLVAR OCH VECKA STÄMPLAS PÅ LOCKET
IN
OUT
JOHNSON PUMP AB
SWEDEN
LOOSEN COVER TO
87
17.5
R3/8"
ø60
ø47f8
ø11.9
9
46
6
6
15±0.2
51.3
68.5
89
12
ø8.2
ø12±0.05
ø8
16 1 DISTANSBRICKA--SPACER 01-45955
15 1 KULLAGER--BALLBEARING 05-08-501
14 2 KULLAGER--BALLBEARING 05-08-503
13 1 LÅSRING--RETAINING RING 05-34-131
12 2 LÄPPTÄTNING--LIPSEAL 05-29-139
11 1 SKRUV--SCREW 05-04-114
10 6 SKRUV--SCREW 05-04-163
9 1 SKRUV--SCREW 05-04-124
8 2 KLAMMA--CLIP 01-43238
7 1 EXENTERHYLSA--ECCENTRIC CAGE 01-45949
6 1 PACKNING--GASKET 01-45284
5 1 LOCK--ENDCOVER 01-45282
4 1 KAM--CAM 01-42389
3 1 IMPELLER 08-810 B
2 1 AXEL--SHAFT 01-45950
1 1 PUMPHUS--BODY 01-35099-2
Part No Del.nr
Nos Antal
Description Benämning
Material
Dimension
ARTIKELNUMMER OCH BENÄMNING
This drawing is the property of JP. Protected in accordance with prevailing law. Denna ritning är JP:s egendom. Skyddad enligt gällande lag.
Tolerance unless otherwise noted Tolerans där ej annat anges
Unmachined surface Obearbetade ytor ±1/16/2
Machined surface Bearbetade ytor ±1/16/2
Sharp edges broken Skarpa kanter bytes Burrs not permitted Grader tillåts icke
Radius unless otherwise noted Radie där ej annat angives
Ritad
Datum 86-07-09
Sign. JT
Title Titel JOHNSON IMPELLERPUMP
TYPE F4B-9 10-35271-01
Scale Skala 1:1
Draw. No Ritn. nr 10-35271-01 P03
JOHNSON PUMP AB
ÖREBRO SWEDEN
Tel 019/11 95 50
SCANDIAZO VELVETEX
1906 P03 Pos. 17 tillk. Pos. 9 utg 010328 LU
1003 P02 Ändring av lockstorlek 950626 TE
134 P01 DET. NR. 16 TILLK. 860918 TE
Ritn.nr Rev. No Ändr. nr
Revision Ändring
Date Datum
Sign.

F4B-9 Impeller pump
Art. No. 10-35333-01

Part no.	Description GB	Position	Quantity
01-35099-2	BODY F4B-9	1	1
01-45193	SHAFT F35/F4B-9	2	1
08-810B-1	IMPELLER	3	1
01-42389	CAM 1/1 F4B-	4	1
01-45282	ENDCOVER F4B-9	5	1
01-45284	GASKET F4B-9	6	1
01-46794-03	SCREW 8-32UNCX8	7	1
0.0279.501	SCREW M4X8 ISO1207	9	6
0.2233.010	LIP SEAL 12X24X7 DPSM	10	2
0.0371.028	RETAIN. RING BORE D28 DIN472 SPRST	11	1
0.3431.441	BALL BEARING 6001 ST	12	2
01-45955	WASHER F35/F4B-9	13	1
0.0414.666	LOCKPIN FRP 5X36 DIN1481 ST	14	1
01-46790-01	WASHER D7.5XD4X1 CU	15	1

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB


JOHNSON PUMP
TYPE F4B-9
03-35333
Ritning nr Drawing no
Artikel nr/stycklista Structure code/parts list
Pumptyp Pumptype
03-35333
10-35333 - 01
F4B - 9
Märkes på lock Mark on endcover
Pumptyp+Pumpno+Veckokod Pumptype+Pumpno+Weekly code
87
ISO-G 3/8
IN
JOHNSON PUMP
SWEDEN
LOOSEN COVER TO DRAIN
12.2 Mont.mått
Assembly measure
Mått till anslutning =51.3
Measure to the port
Ø60
Ø47.18
Ø40
Ø12K6
6
6±0.15
68.5
ISO-G 3/8 var R 3/4
951212 UF
96613 IG
Material
Surface roughness Ra µm
Ytjämnhet Ra µm
Vikt Weight kg
Skala Scale 1:1
Datum Date 890224 TL
Ritnings nr Drawing no 03-35333
Utgåva Issue P03

F4B-9 **Impeller pump**
Art. No. **10-35355-01**

Part. No.	Description GB	Position	Quantity
0.0279.300	SCREW M4X8 ISO1207 A4	9	6
0.0371.028	RETAIN. RING BORE D28 DIN472 SPRST	11	1
0.2173.401	O-RING 11.1X1.6 SS1586 NBR70	13	1
0.2173.473	O-RING 49.6X2.4 SS1586 NBR70	15	1
0.2233.010	LIP SEAL 12X24X7 DPSM	10	2
0.3431.441	BALL BEARING 6001 ST	12	2
01-35099-2	BODY F4B-9	1	1
01-42389	CAM 1/1 F4B-	4	1
01-43238	CLAMP F35/F4B-9	14	2
01-45282	ENDCOVER F4B-9	5	1
01-45284	GASKET F4B-9	6	1
01-45955	WASHER F35/F4B-9	16	1
01-46167	SHAFT F4B-9	2	1
01-46794-03	SCREW 8-32UNCX8	7	1
08-810B-1	IMPELLER	3	1

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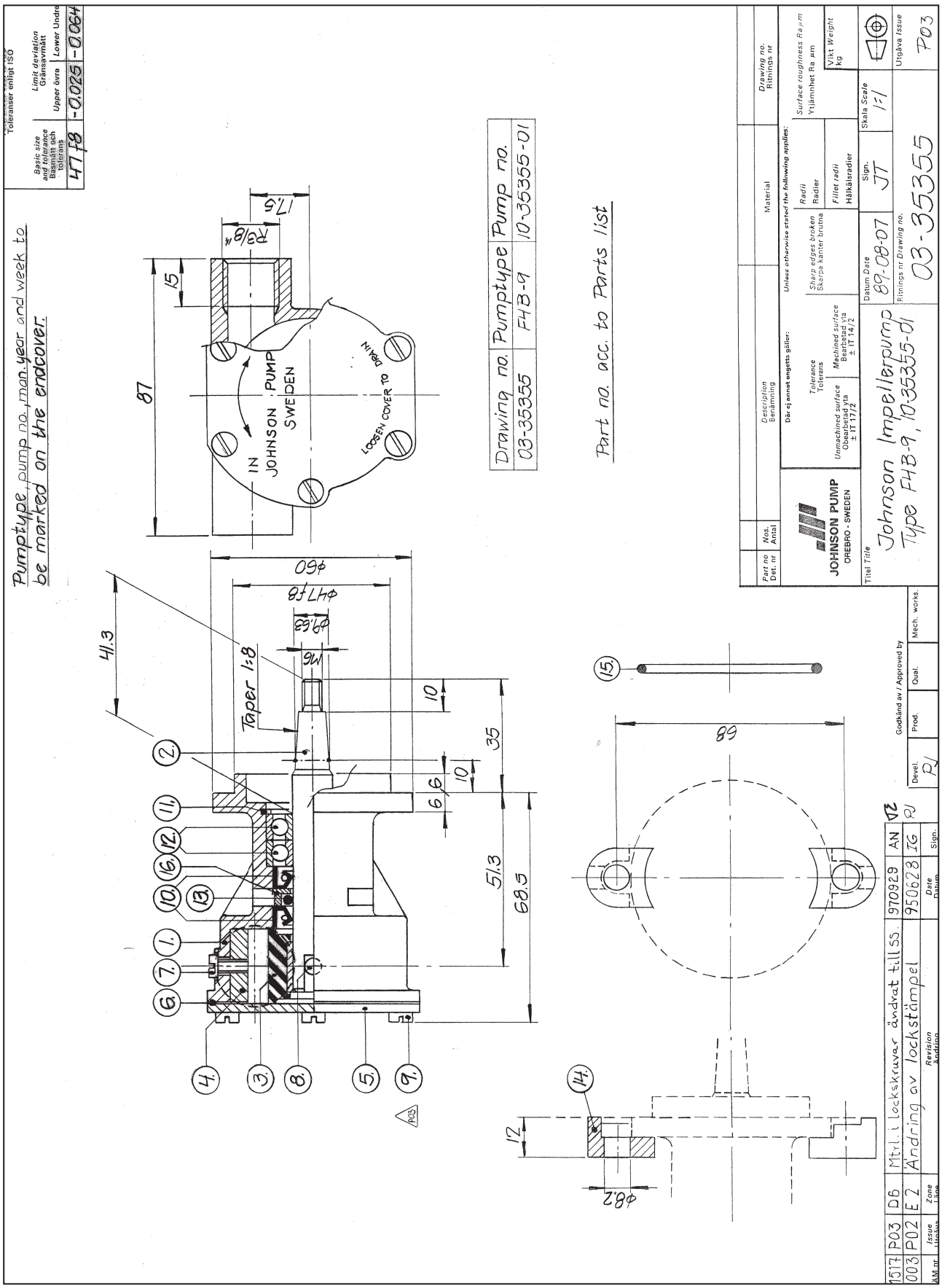
Pumptype, pump no., man. year and week to be marked on the endcover.
Drawing no. 08-35355
Pumptype F4B-9
Pump no. 10-35355-01
Part no. acc. to Parts list
JOHNSON PUMP
OREBRO - SWEDEN
Johnson Impellerpump
Type F4B-9, 10-35355-01
03-35355
IN JOHNSON PUMP SWEDEN
LOOSEN COVER TO DRAIN
Taper 1:8
Ø60
Ø47f8
Ø9.63
M6
41.3
87
15
17.5
R3/8"
10
35
6.6
10
51.3
68.5
89
12
Ø8.2

F4B-9 Impeller pump
Art. No. 10-35725-01

Part no.	Description GB	Position	Quantity
0.0141.700	TAP BOLT M4X8 ISO4017 A2-70	11	6
0.0371.028	RETAIN. RING BORE D28 DIN472 SPRST	15	1
0.2173.401	O-RING 11.1X1.6 SS1586 NBR70	12	1
0.2233.010	LIP SEAL 12X24X7 DPSM	14	2
0.3431.441	BALL BEARING 6001 ST	13	2
01-42389	CAM 1/1 F4B-	3	1
01-45282	ENDCOVER F4B-9	4	1
01-45284	GASKET F4B-9	5	1
01-45955	WASHER F35/F4B-9	6	1
01-46049	SPACER F4B-9	7	1
01-46460	SHAFT F4B-9	2	1
01-46790-01	WASHER D7.5XD4X1 CU	8	1
01-46794-03	SCREW 8-32UNCX8	9	1
04-46458-01	BODY COMPLETE	1	1
08-810B-1	IMPELLER	16	1

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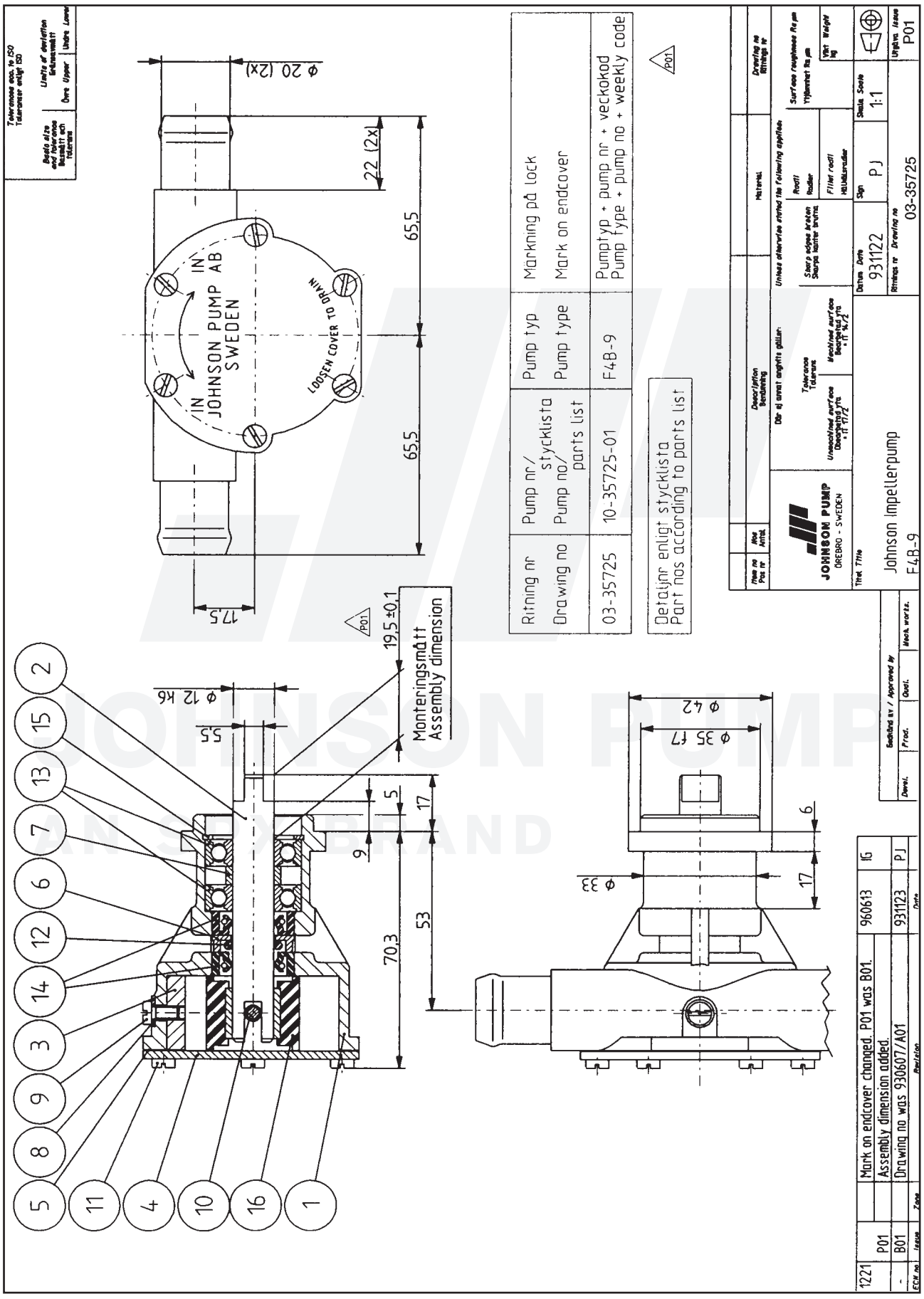

JOHNSON PUMP
AN SPX BRAND

F4B-9 Impeller pump
Art. No. 10-36006-01

Part. No.	Description GB	Position	Quantity
01-36005	PUMP BODY F4B-9 WESTERBEKE	1	1
01-47065	SHAFT F4B-9	2	1
01-46007-2	ENDCOVER F4/F5B NEUTRAL	3	1
08-810B-12	IMPELLER W 48080	4	1
01-42389	CAM 1/1 F4B-	5	1
01-46737-2	WEAR PLATE F4B	6	1
01-42400	PIN F35B-/F7B/F70B	7	1
01-45659	WASHER F4B-8/-9	8	1
0.0141.700	TAP BOLT M4X8 ISO4017 A2-70	9	6
0.2173.476	O-RING 54.6X2.4 NBR70	10	1
0.2173.432	O-RING 11.3X2.4 SS1586 NBR70	11	1
01-46790-01	WASHER D7.5XD4X1 CU	12	1
01-46794-03	SCREW 8-32UNCX8	13	1
0.2247.021	MECH.SEAL COMPL D12	14	1
0.2233.026	LIP SEAL OIL 12X24X7	15	1
0.3431.441	BALL BEARING 6001 ST	16	2
0.0370.512	EXT. CIRCLIP D12 DIN471 FB	17	1
0.0371.028	RETAIN. RING BORE D28 DIN472 SPRST	18	1
01-47054	LABEL	19	1
01-47055-1	PAINT PROTECTION ø 41	0	1
0.0633.701	PLUG TYPE 410025 D14MM DBI	0	2

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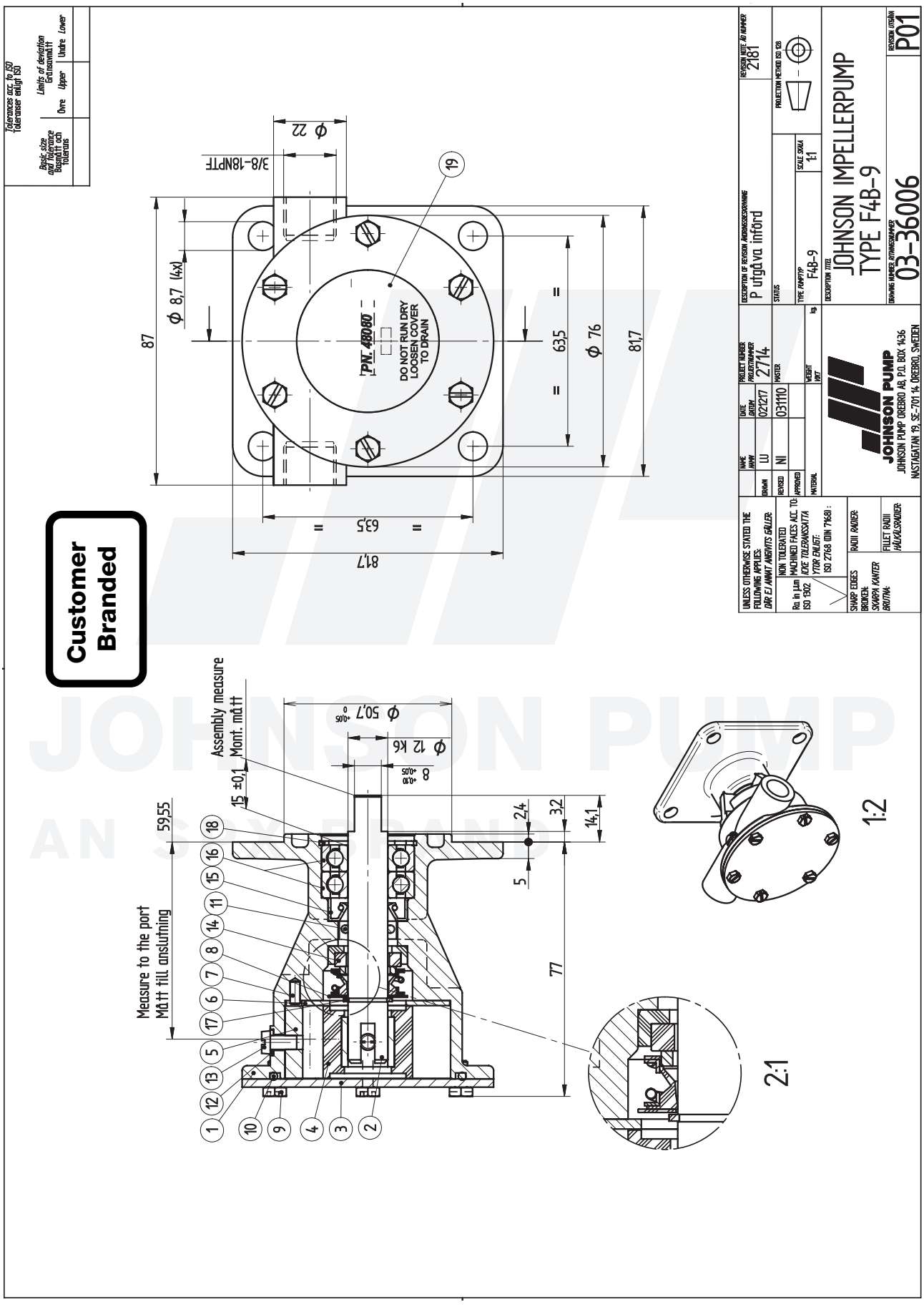
Customer Branded
JOHNSON PUMP
JOHNSON IMPELLERPUMP
TYPE F4B-9
03-36006
P01
JOHNSON PUMP
JOHNSON PUMP ÖREBRO AB, P.O. BOX 1436
NÄSTAGATAN 19, SE-701 14 ÖREBRO, SWEDEN
Assembly measure
Mont. mått
Measure to the port
Mått till anslutning
DO NOT RUN DRY
LOOSEN COVER
TO DRAIN
3/8-18NPTF
2:1
1:2

F5B-905 Impeller pump
Art. No. 10-13159-04

Part no.	Description GB	Position	Quantity
01-24469-2	BODY F5B-9 (VPoA)	1	1
01-24470-1	ENDCOVER F5B-9 (VPoA)	2	1
01-24500-2	PULLEY F5B-9 (VPoA)	4	1
01-46475	SHAFT F5B-9	5	1
01-46540	GASKET F5B-9	6	1
01-46472	SPACER F5B-9	7	1
01-35862	PROTECTIVE RING	8	1
0.0141.502	SCREW M5X8 DIN933SLOTTED BRASS	9	4
0.2173.471	O-RING 14.3X2.4 SS1586 NBR70	10	1
0.3431.761	BALL BEARING D 15 6202-2RS1 (ST)	11	2
0.2233.001	LIP SEAL 16X28X7 DPSM	12	1
0.0371.035	RETAIN. RING BORE D35 DIN472 SPRST	13	1
08-1027B-01	IMPELLER VP825940	14	1

F5B-905 Impeller pump
Art. No. 10-13159-07

Part no.	Description GB	Position	Quantity
01-24469-2	BODY F5B-9 (VPoA)	1	1
01-24470-1	ENDCOVER F5B-9 (VPoA)	2	1
01-46706	CAM F5B-9	3	1
01-24506-3	PULLEY F5B-9	4	1
01-46475	SHAFT F5B-9	5	1
01-46540	GASKET F5B-9	6	1
01-46472	SPACER F5B-9	7	1
01-35862	PROTECTIVE RING	8	1
0.0141.502	SCREW M5X8 DIN933SLOTTED BRASS	9	4
0.2173.471	O-RING 14.3X2.4 SS1586 NBR70	10	1
0.3431.761	BALL BEARING D 15 6202-2RS1 (ST)	11	2
0.2233.001	LIP SEAL 16X28X7 DPSM	12	1
0.0371.035	RETAIN. RING BORE D35 DIN472 SPRST	13	1
08-1027B-01	IMPELLER VP825940	14	1

F5B-905 Impeller pump
Art. No. 10-13159-05

Part no.	Description GB	Position	Quantity
01-24469-3	BODY F5B-9 (VPoA)	1	1
01-24470-1	ENDCOVER F5B-9 (VPoA)	2	1
01-24506-2	PULLEY F5B-9	4	1
01-46475	SHAFT F5B-9	5	1
01-46540	GASKET F5B-9	6	1
01-46472	SPACER F5B-9	7	1
01-35862	PROTECTIVE RING	8	1
0.0141.502	SCREW M5X8 DIN933SLOTTED BRASS	9	4
0.2173.471	O-RING 14.3X2.4 SS1586 NBR70	10	1
0.3431.761	BALL BEARING D 15 6202-2RS1 (ST)	11	2
0.2233.001	LIP SEAL 16X28X7 DPSM	12	1
0.0371.035	RETAIN. RING BORE D35 DIN472 SPRST	13	1
08-1027B-01	IMPELLER VP825940	14	1

F5B-905 Impeller pump
Art. No. 10-13159-08

Part no.	Description GB	Position	Quantity
01-24469-3	BODY F5B-9 (VPoA)	1	1
01-24470-1	ENDCOVER F5B-9 (VPoA)	2	1
01-46706	CAM F5B-9	3	1
01-24500-2	PULLEY F5B-9 (VPoA)	4	1
01-46475	SHAFT F5B-9	5	1
01-46540	GASKET F5B-9	6	1
01-46472	SPACER F5B-9	7	1
01-35862	PROTECTIVE RING	8	1
0.0141.502	SCREW M5X8 DIN933SLOTTED BRASS	9	4
0.2173.471	O-RING 14.3X2.4 SS1586 NBR70	10	1
0.3431.761	BALL BEARING D 15 6202-2RS1 (ST)	11	2
0.2233.001	LIP SEAL 16X28X7 DPSM	12	1
0.0371.035	RETAIN. RING BORE D35 DIN472 SPRST	13	1
08-1027B-01	IMPELLER VP825940	14	1

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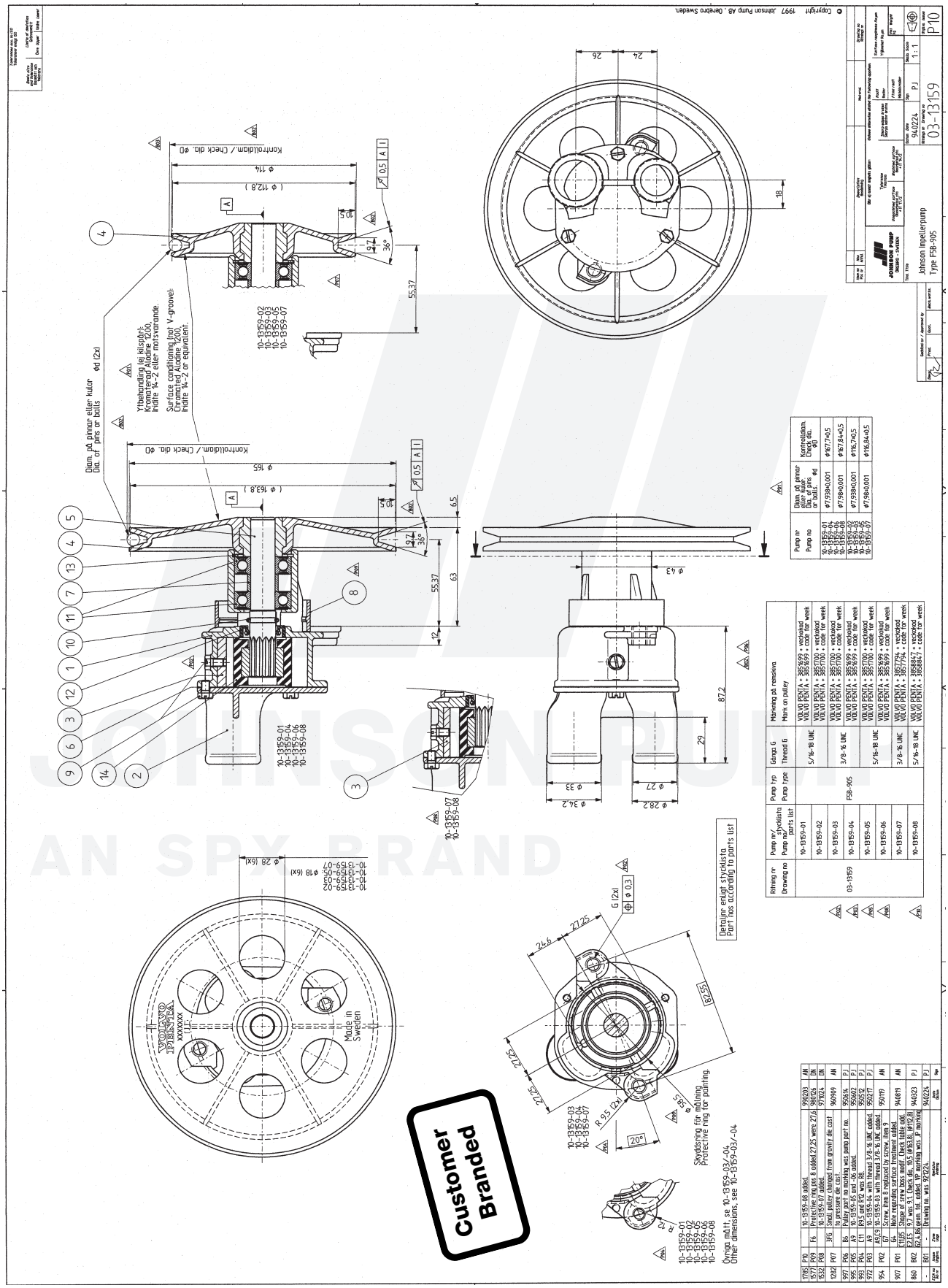
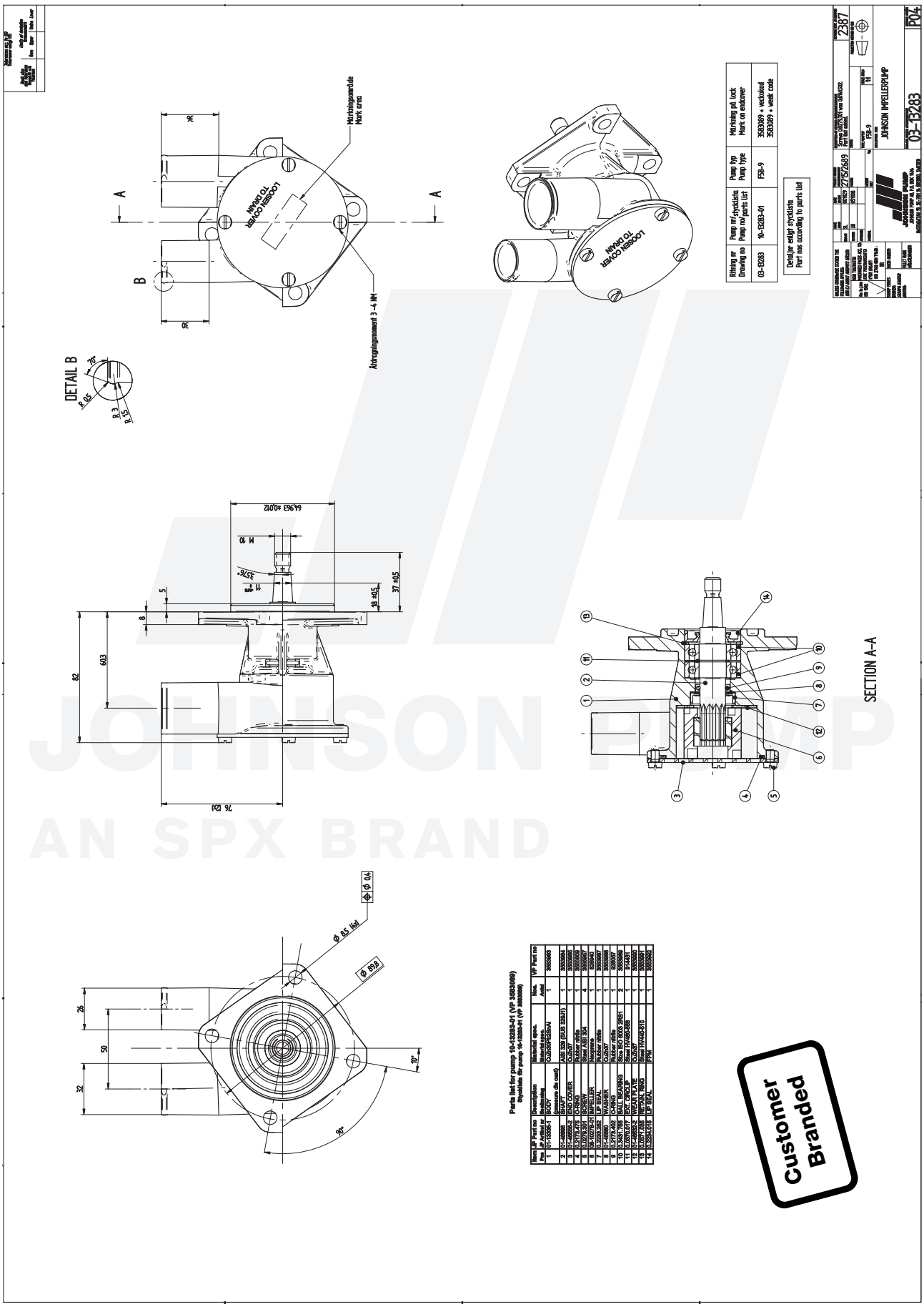

Customer Branded
Johnson Impellerpump
Type F5B-905
03-13159
P10
Detaljrit enligt styckelista
Part nos according to parts list
Övriga mått se 10-13159-03/-04
Other dimensions, see 10-13159-03/-04
Skyddsring för målning
Protective ring for painting
Made in Sweden
VOLVO PENTA
Kontrolldiam. / Check dia. ø165
Kontrolldiam. / Check dia. ø114
Diam. på pinnar eller kulor
Dia. of pins or balls ø61 (2x)
Ytbehandling tej klisjotyl:
Kevlerhead Alfac 2700,
Indifa 14-2 eller motsvarande.
Surface conditioning tool V-groove:
Loctite Kevlerhead Alfac 2700,
Indifa 14-2 or equivalent.
Pump nr / Pump no
Diam. på pinnar eller kulor / Dia. of pins or balls ød
Kontrolldiam. / Check dia. ød
10-13159-01 ø7.938+0.001 ø167.7+0.5
10-13159-02 ø7.938+0.001 ø167.7+0.5
10-13159-03 ø7.938+0.001 ø167.84+0.5
10-13159-04 ø7.938+0.001 ø167.84+0.5
10-13159-05 ø7.938+0.001 ø116.7+0.5
10-13159-06 ø7.938+0.001 ø116.7+0.5
10-13159-07 ø7.938+0.001 ø116.84+0.5
10-13159-08
Ritning nr / Drawing no
Pump nr/styckelista / Pump no/parts list
Pump typ / Pump type
Gänga G / Thread G
Märkning på remskiva / Mark on pulley
03-13159
10-13159-01
10-13159-02
10-13159-03
10-13159-04
10-13159-05
10-13159-06
10-13159-07
10-13159-08
F5B-905
3/8-16 UNC
5/16-18 UNC
VOLVO PENTA • 3857699 • veckokod
VOLVO PENTA • 3857700 • veckokod
VOLVO PENTA • 3857794 • veckokod
VOLVO PENTA • 3858847 • veckokod
• code for week

10-13283 pump F5B-9



Parts list for pump 10-13283-01 (VP 3583089)
Ingående för pump 10-13283-01 (VP 3583089)

Item LP Part no Pos LP artikelnr	Description Benämning	Material spec. Material spec.	Nos. Antal	VP Part no
1	10-13283-1 BODY (Ingår ej som del)	CU-ZN39PB2(Ms58)	1	3855883
2	01-4999	AISI 329 (SAE 39401)	1	3855884
3	01-4999-2 END COVER	Cu-Zn37	1	3855885
4	0.177.475 O-RING	Rubber nitrile	1	3855909
5	03-13283-01 SHAFT	Steel 1.4542 304	1	3855886
6	06-13275-01 IMPELLER	Neoprene	4	838640
7	0.2353.552 LIP SEAL	Rubber nitrile	1	3855887
8	01-4998 WASHER	Cu-Zn37	1	3855888
9	0.2353.552 LIP SEAL	Rubber nitrile	1	3855887
10	0.3451.705 BALL BEARING	Stco ISO 6005 2RS1	2	3855889
11	0.0297.007 SPY. CIRCLIP	Steel 1.4540-A68	1	844001
12	0.0297.123 SPY. CIRCLIP	Steel 1.4540-A72	1	3855890
13	0.0297.135 RETAN. RING	Steel 1.4540-A90	1	3855891
14	0.2354.010 LIP SEAL	FPM	1	3855892

Customer Branded

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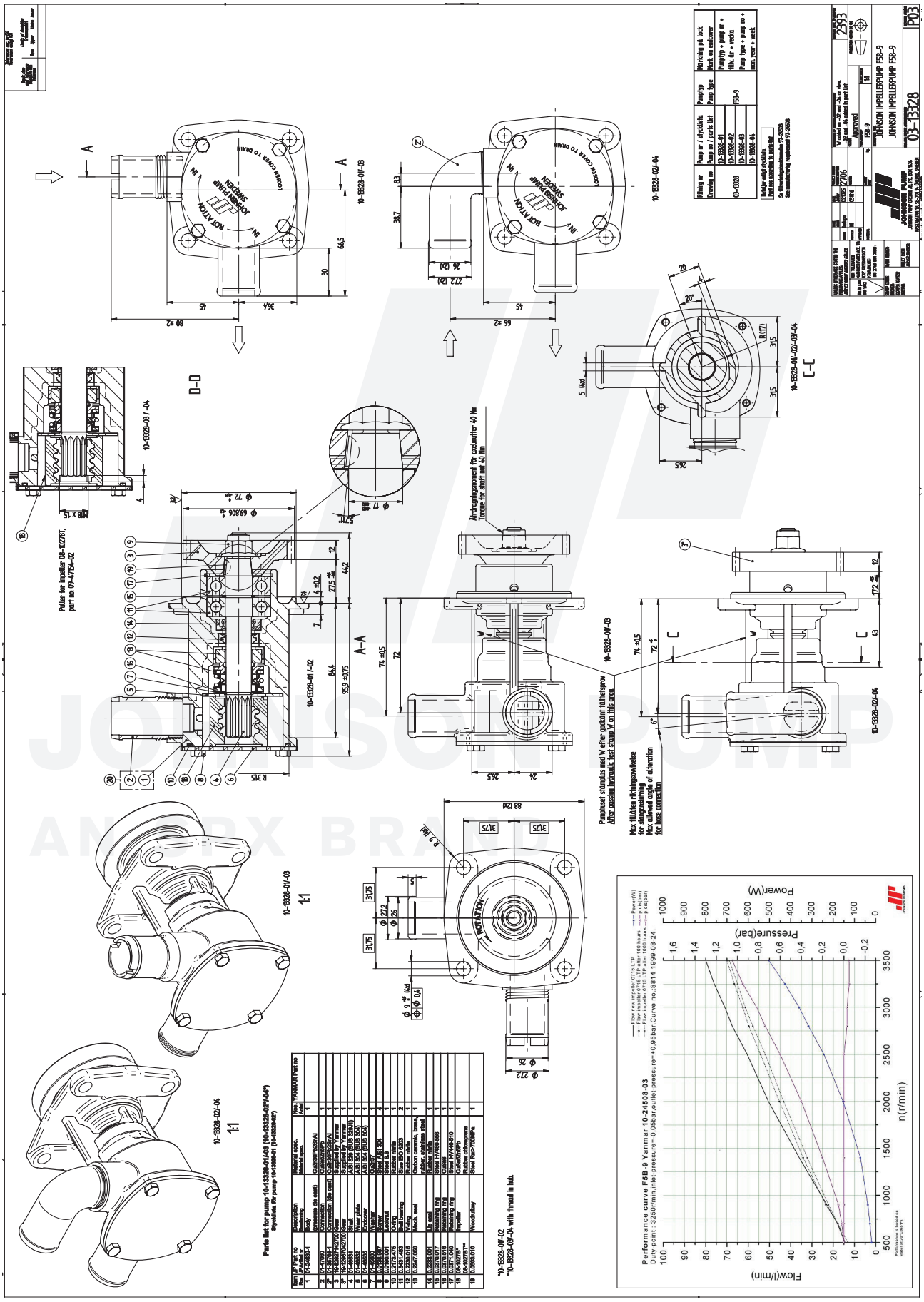
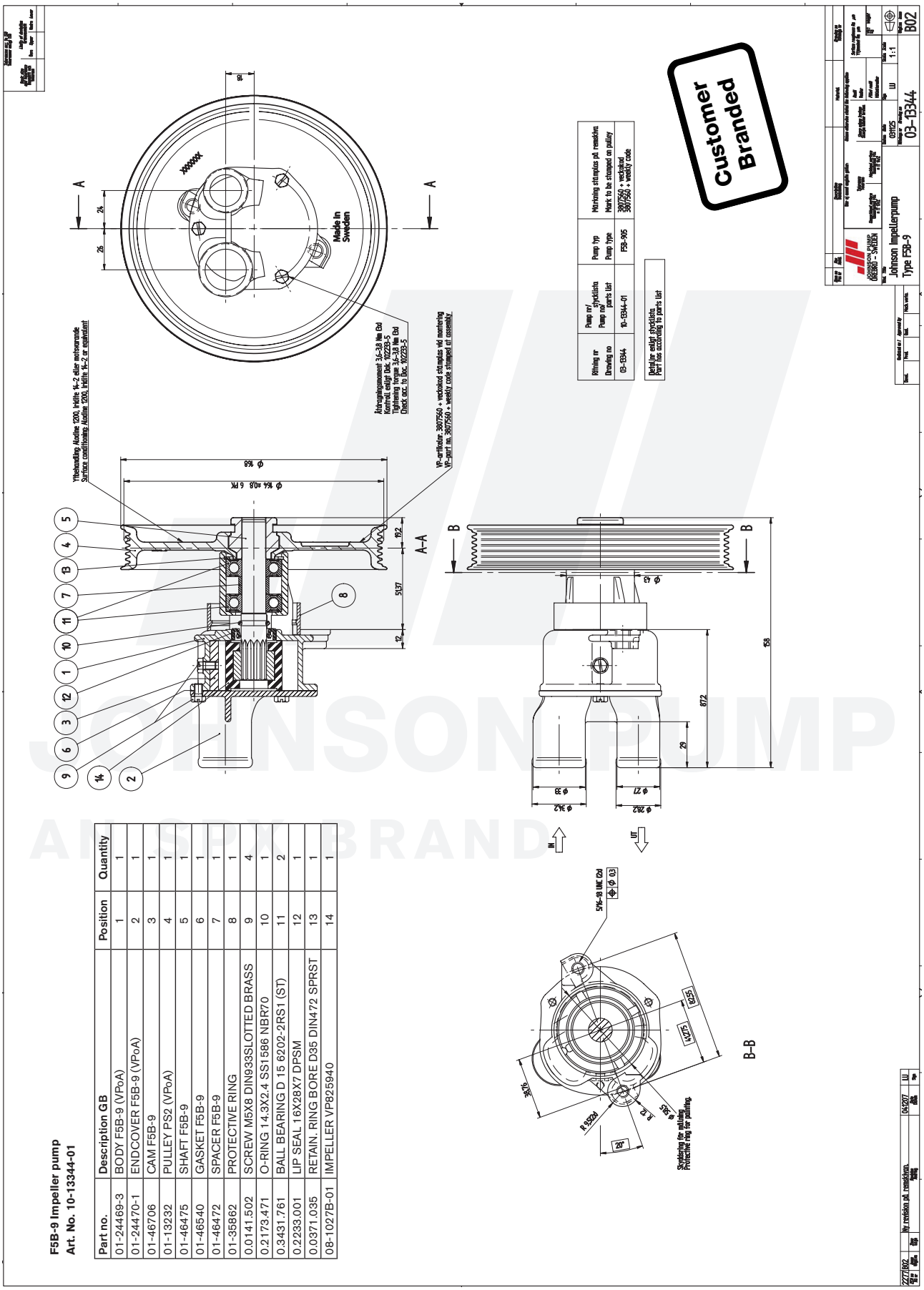

JOHNSON PUMP
JOHNSON IMPELLERPUMP F5B-9
03-13328
Performance curve F5B-9 Yanmar 10-24508-03
Duty-point: 3250r/min,inlet-pressure=-0,05bar,outlet-pressure=+0,95bar. Curve no. 5814 1999-06-24.
Flow(l/min)
Pressure(bar)
Power(W)
n(r/min)

10-13344 pump F5B-9



F5B-9 Impeller pump
Art. No. 10-13344-01

Part no.	Description GB	Position	Quantity
01-24469-3	BODY F5B-9 (VPoA)	1	1
01-24470-1	ENDCOVER F5B-9 (VPoA)	2	1
01-46706	CAM F5B-9	3	1
01-13232	PULLEY PS2 (VPoA)	4	1
01-46475	SHAFT F5B-9	5	1
01-46540	GASKET F5B-9	6	1
01-46472	SPACER F5B-9	7	1
01-35862	PROTECTIVE RING	8	1
0.0141.502	SCREW M5X8 DIN933SLOTTED BRASS	9	4
0.2173.471	O-RING 14.3X2.4 SS1586 NBR70	10	1
0.3431.761	BALL BEARING D 15 6202-2RS1 (ST)	11	2
0.2233.001	LIP SEAL 16X28X7 DPSM	12	1
0.0371.035	RETAIN. RING BORE D35 DIN472 SPRST	13	1
08-10278-01	IMPELLER VP825940	14	1

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F5B-9 Impeller pump
Art. No. 10-13392-01

Part no.	Description GB	Position	Quantity
01-24115-6	BODY F5B-9	1	1
01-35213-3	FLANGE F5B-9	2	1
01-47217	SHAFT F5B-9	3	1
01-46007	ENDCOVER F4/F5B NEUTRAL	4	1
0.0279.500	SCREW M4X10 ISO1207	5	6
08-1027B-1	IMPELLER	6	1
01-42399	WEAR PLATE F5B-	7	1
0.2233.001	LIP SEAL 16X28X7 DPSM	8	1
0.2173.403	O-RING 12.3X2.4 SS1586 NBR70	9	1
01-45186	WASHER F5B-9	10	1
0.3431.761	BALL BEARING D 15 6202-2RS1 (ST)	11	2
0.0141.910	TAP BOLT M6X16 DIN933 8.8ZP	12	4
0.0350.116	WASHER D 6.4X12.5X1.6 DIN125 STZN	13	4
0.0371.035	RETAIN. RING BORE D35 DIN472 SPRST	14	1
0.0370.015	EXT. CIRCLIP D15 DIN471 ST	15	1
01-42400	PIN F35B-/F7B/F70B	16	1
01-46794-05	SCREW 10-32UNFX8 BRASS	17	1
01-42401	GASKET F5B-	18	1
01-45976	CAM F5B-903	19	1
0.0633.713	PLUG TYPE 410041 D22.7MM DBI	0	2
0.0633.714	PLUG TYPE 410027 D14.5MM DBI	0	1
01-47054	LABEL	0	1

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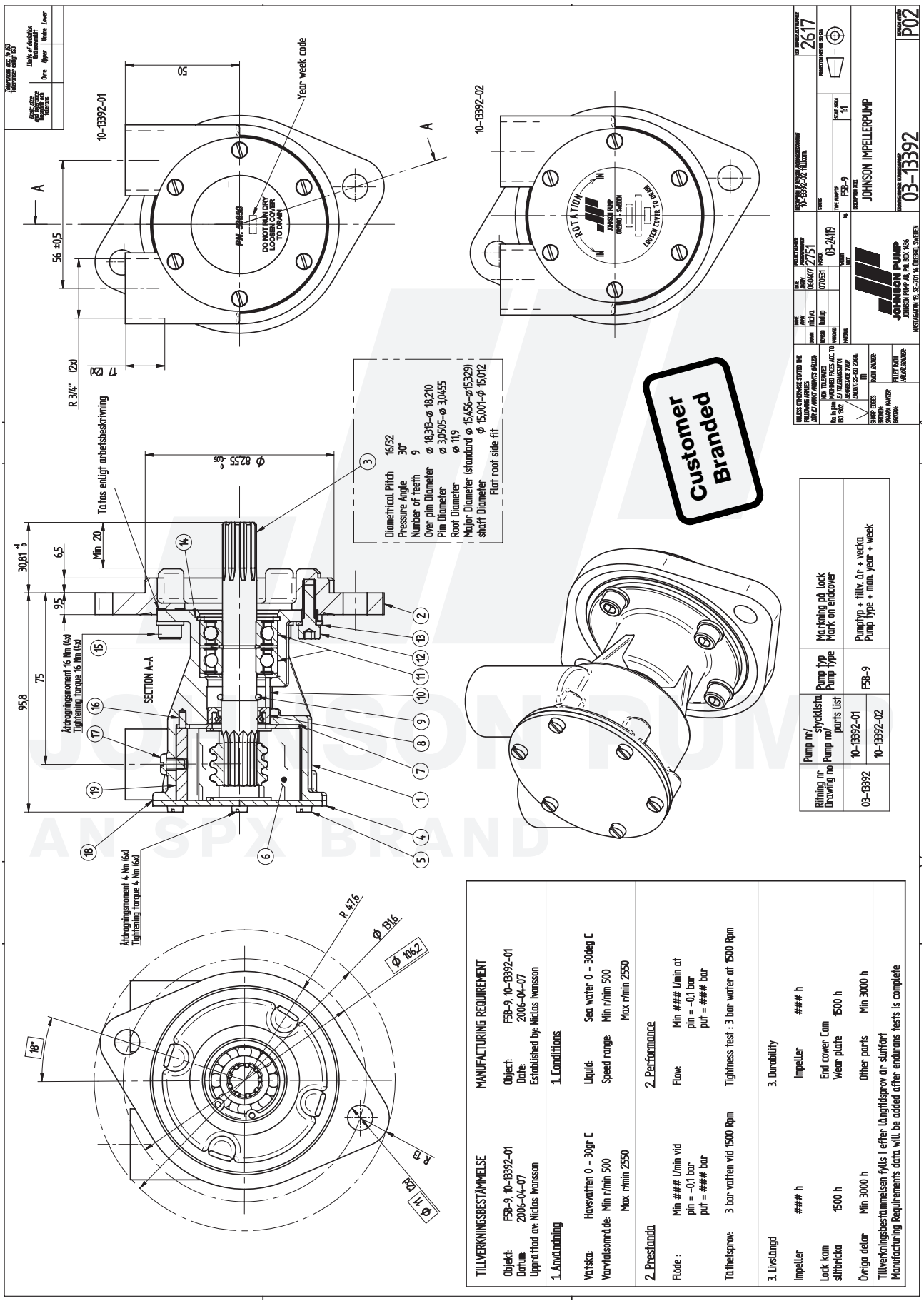

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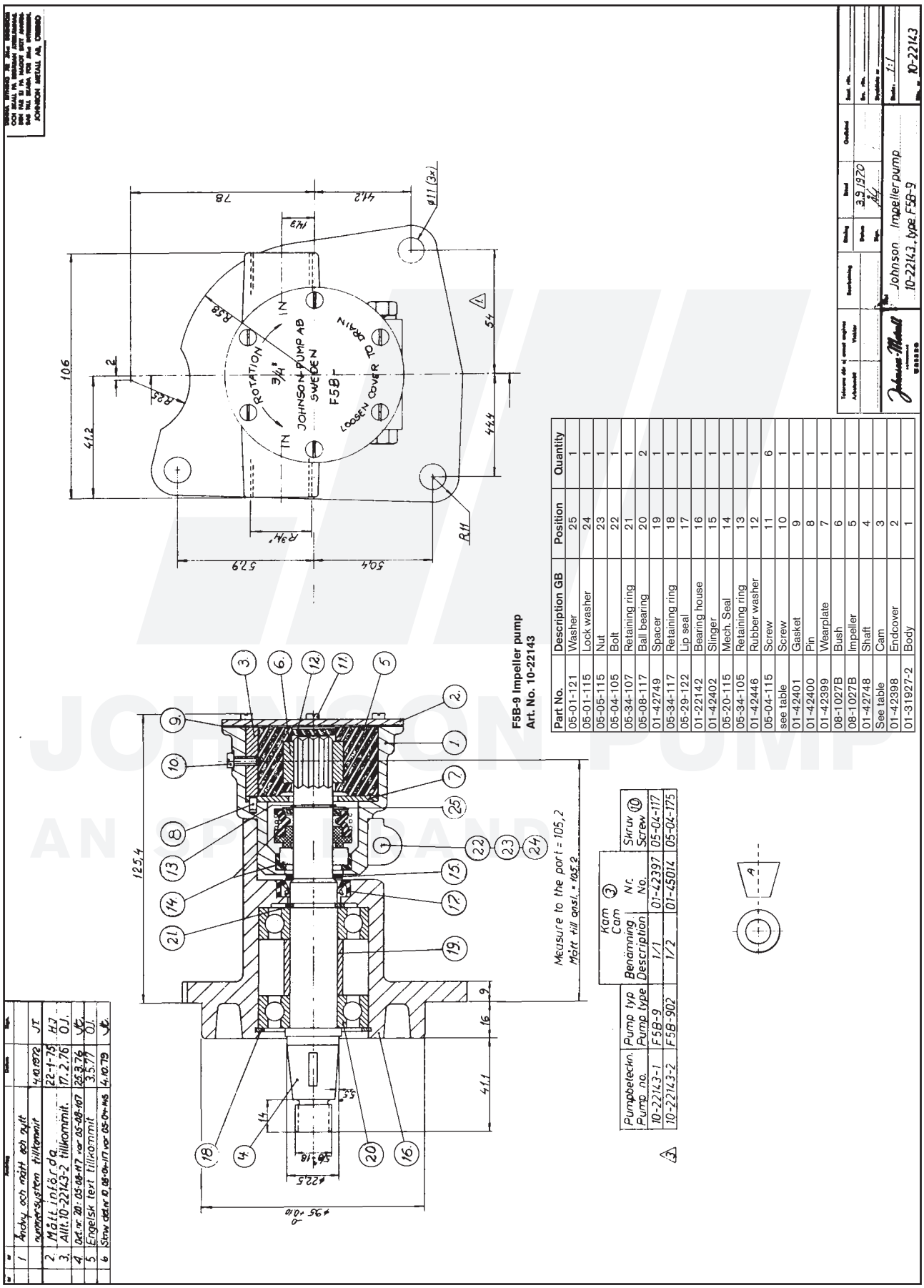
10-22143 pump F5B-9



F5B-9 Impeller pump
Art. No. 10-22143

Part No.	Description GB	Position	Quantity
05-01-121	Washer	25	1
05-01-115	Lock washer	24	1
05-05-115	Nut	23	1
05-04-105	Bolt	22	1
05-34-107	Retaining ring	21	1
05-08-117	Ball bearing	20	2
01-42749	Spacer	19	1
05-34-117	Retaining ring	18	1
05-29-122	Lip seal	17	1
01-22142	Bearing house	16	1
01-42402	Slinger	15	1
05-20-115	Mech. Seal	14	1
05-34-105	Retaining ring	13	1
01-42446	Rubber washer	12	1
05-04-115	Screw	11	6
see table	Screw	10	1
01-42401	Gasket	9	1
01-42400	Pin	8	1
01-42399	Wearplate	7	1
08-1027B	Bush	6	1
08-1027B	Impeller	5	1
01-42748	Shaft	4	1
See table	Cam	3	1
01-42398	Endcover	2	1
01-31927-2	Body	1	1

Pumpbeteckn. Pump no.	Pump typ Pump type	Benämning Description	Kam ③ Cam Nr. No.	Skruv ⑩ Screw
10-22143-1	F5B-9	1/1	01-42397	05-04-117
10-22143-2	F5B-902	1/2	01-45014	05-04-175

6	Skrev datum D. 05-04-17 var 05-04-145	4.10.79	JE	
5	Engelsk text tillkommit	3.5.77	OJ	
4	Ord nr 20: 05-08-117 var 05-08-107	22.3.76	JE	
3	Allt 10-22143-2 tillkommit.	17.2.76	OJ	
2	Mått införda	22-1-75	HJ	
1	Andrq och mått och nytt nummersystem tillkommit	4.10.72	JT	

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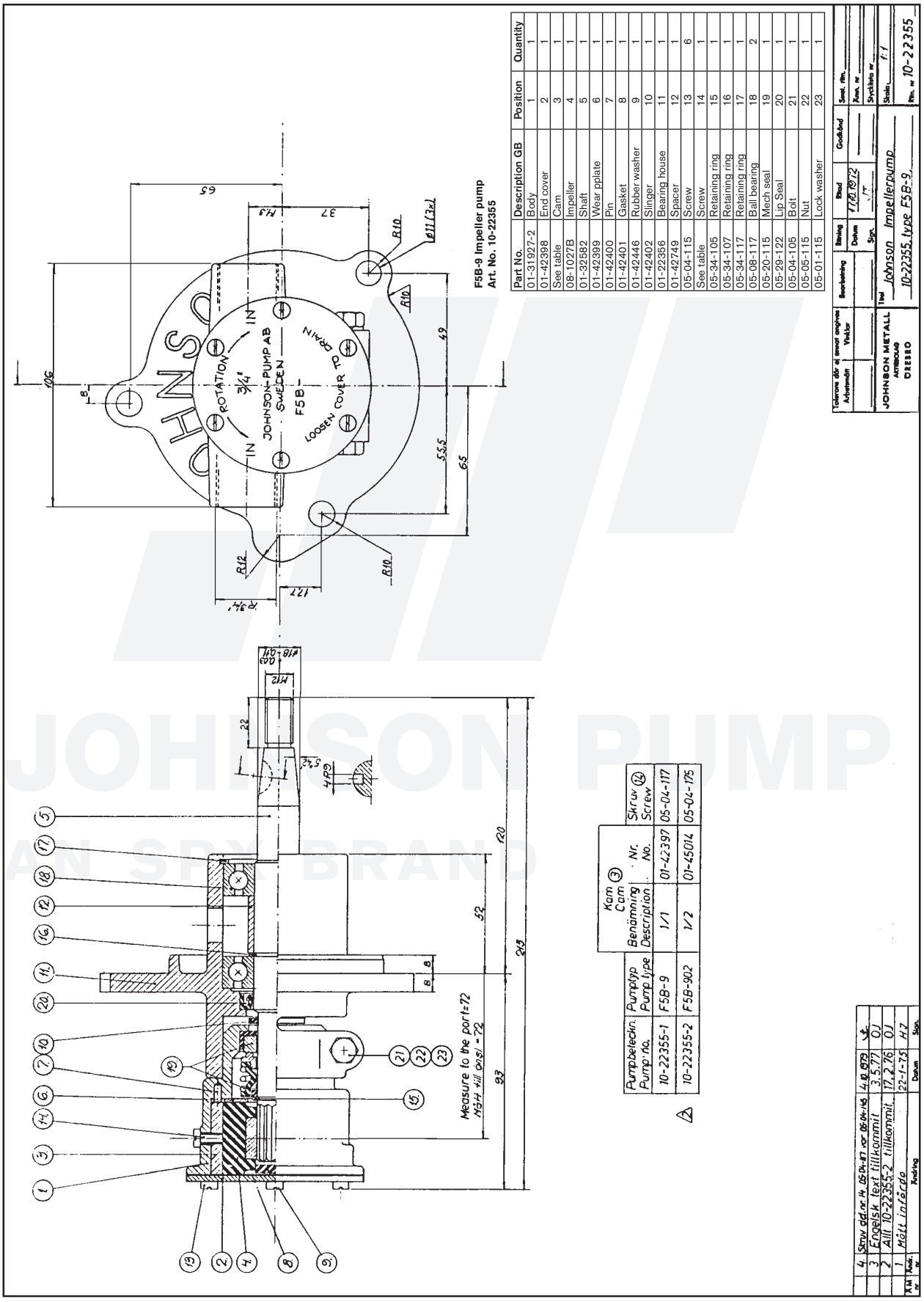

Part No.	Description GB	Position	Quantity
01-31927-2	Body	1	1
01-42398	End cover	2	1
See table	Cam	3	1
08-1027B	Impeller	4	1
01-32582	Shaft	5	1
01-42399	Wear pplate	6	1
01-42400	Pin	7	1
01-42401	Gasket	8	1
01-42446	Rubber washer	9	1
01-42402	Slinger	10	1
01-22356	Bearing house	11	1
01-42749	Spacer	12	1
05-04-115	Screw	13	6
See table	Screw	14	1
05-34-105	Retaining ring	15	1
05-34-107	Retaining ring	16	1
05-34-117	Retaining ring	17	1
05-08-117	Ball bearing	18	2
05-20-115	Mech seal	19	1
05-29-122	Lip Seal	20	1
05-04-105	Bolt	21	1
05-05-115	Nut	22	1
05-01-115	Lock washer	23	1

JOHNSON PUMP
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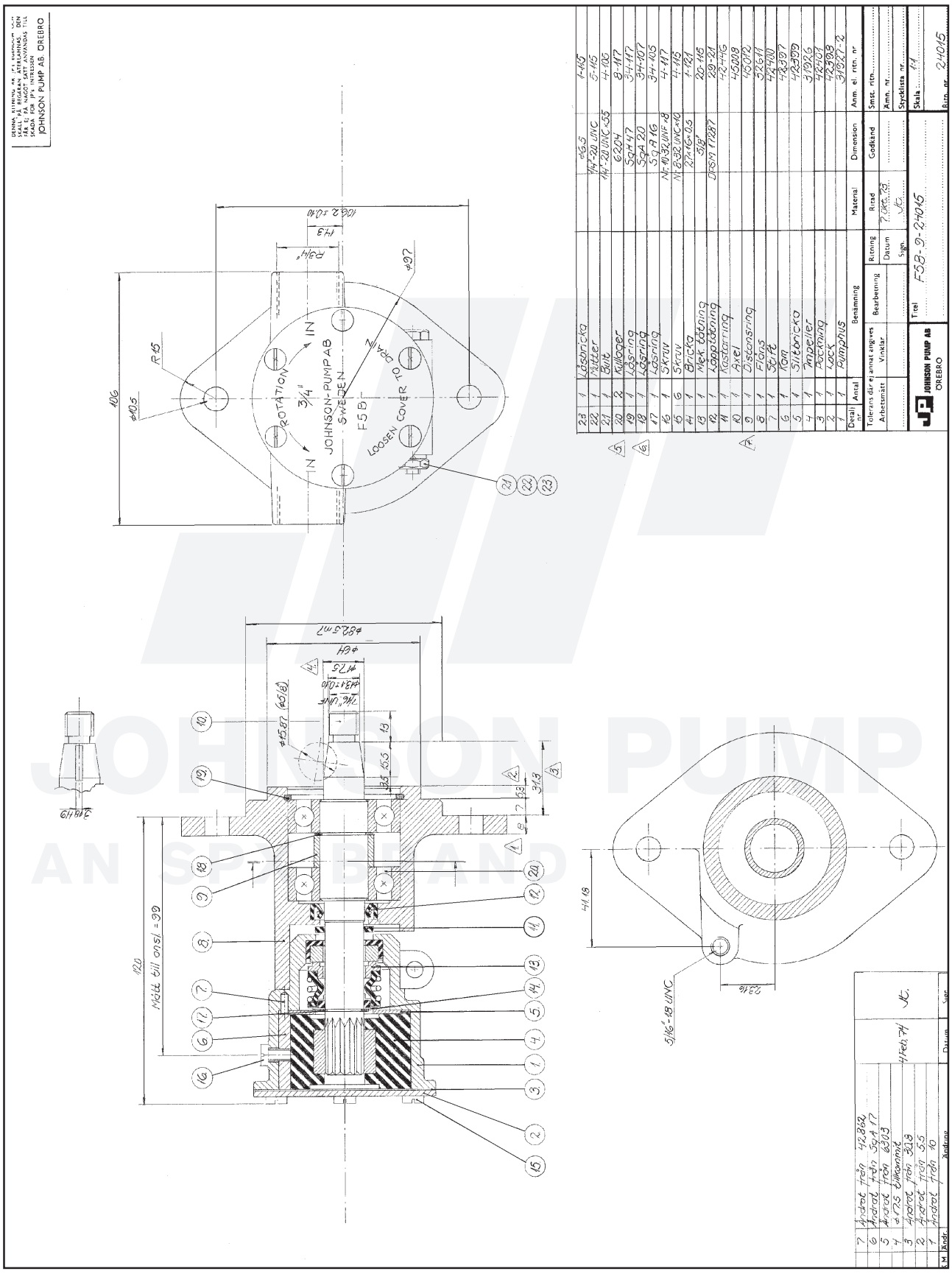
10-24015 pump F5B-9



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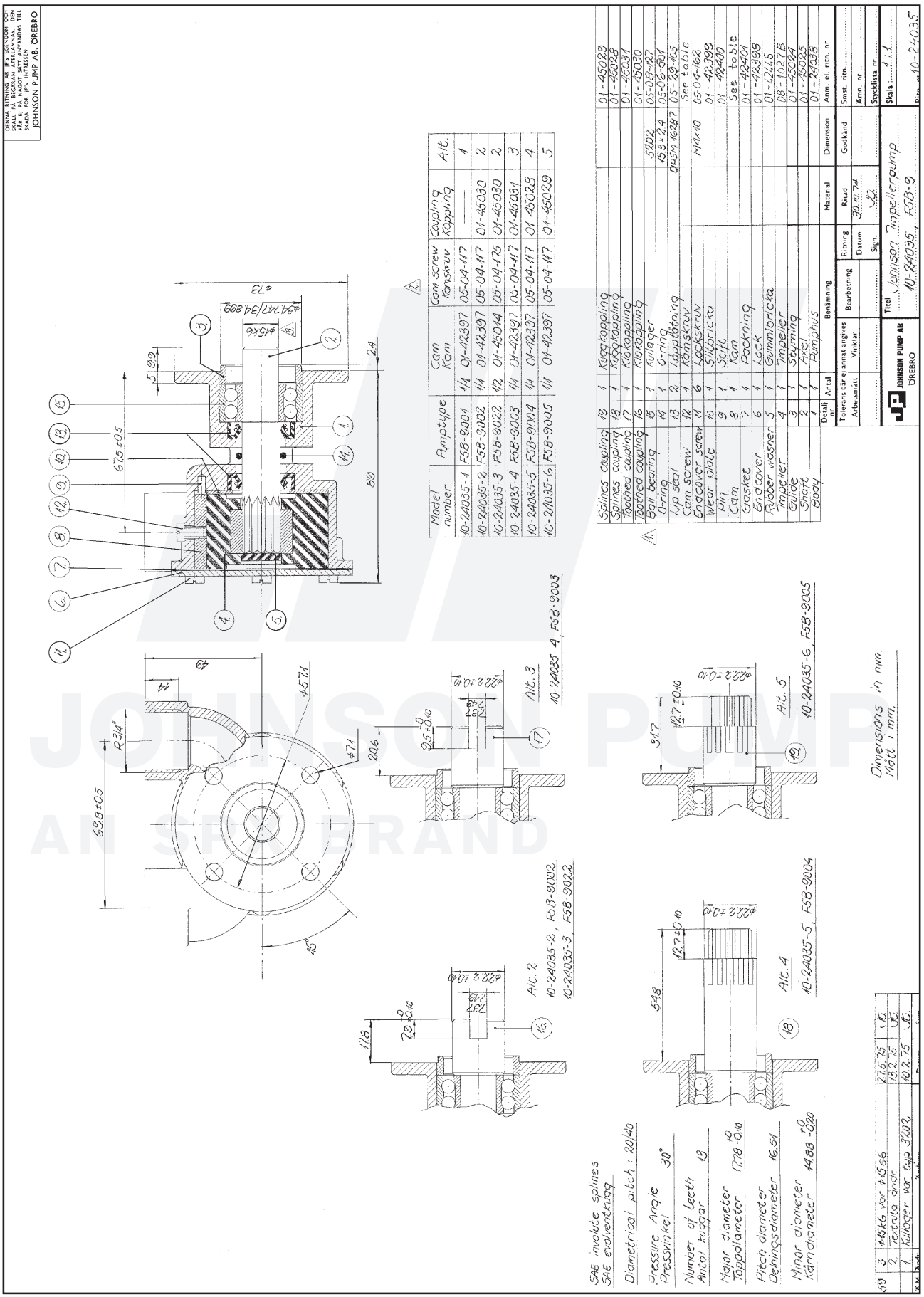
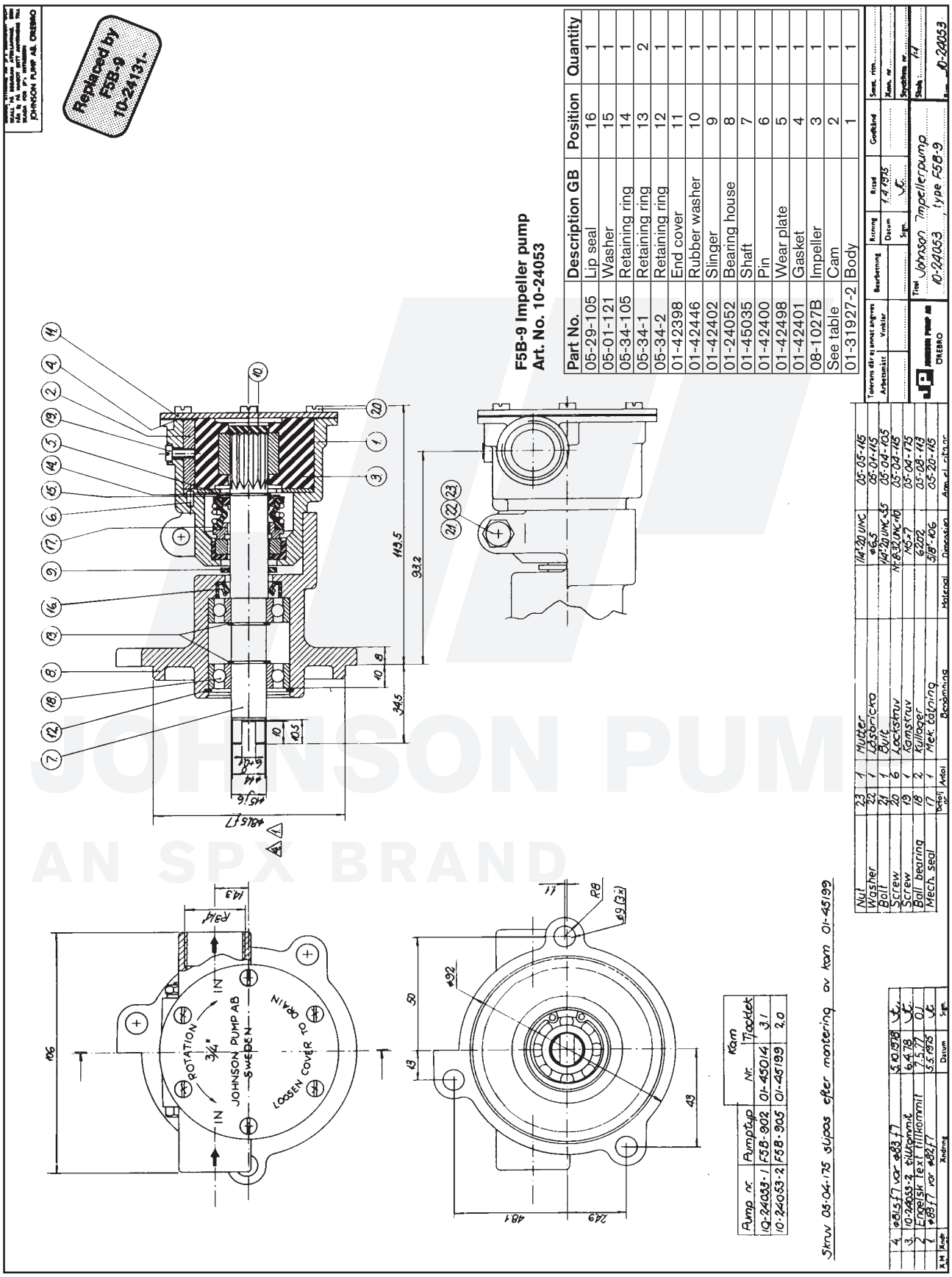


JOHNSON PUMP AN SPX BRAND

10-24053 pump F5B-9



JOHNSON PUMP
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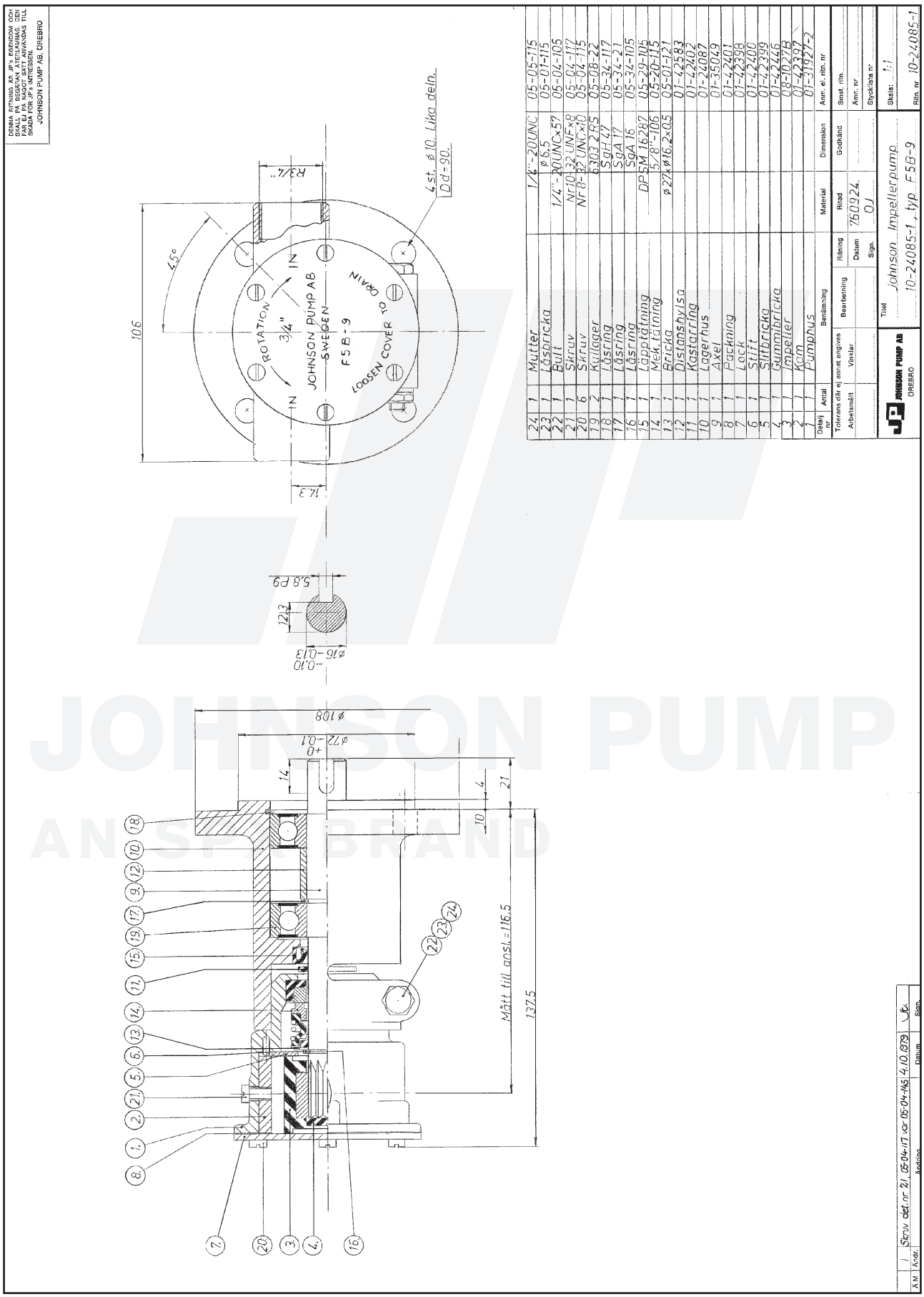
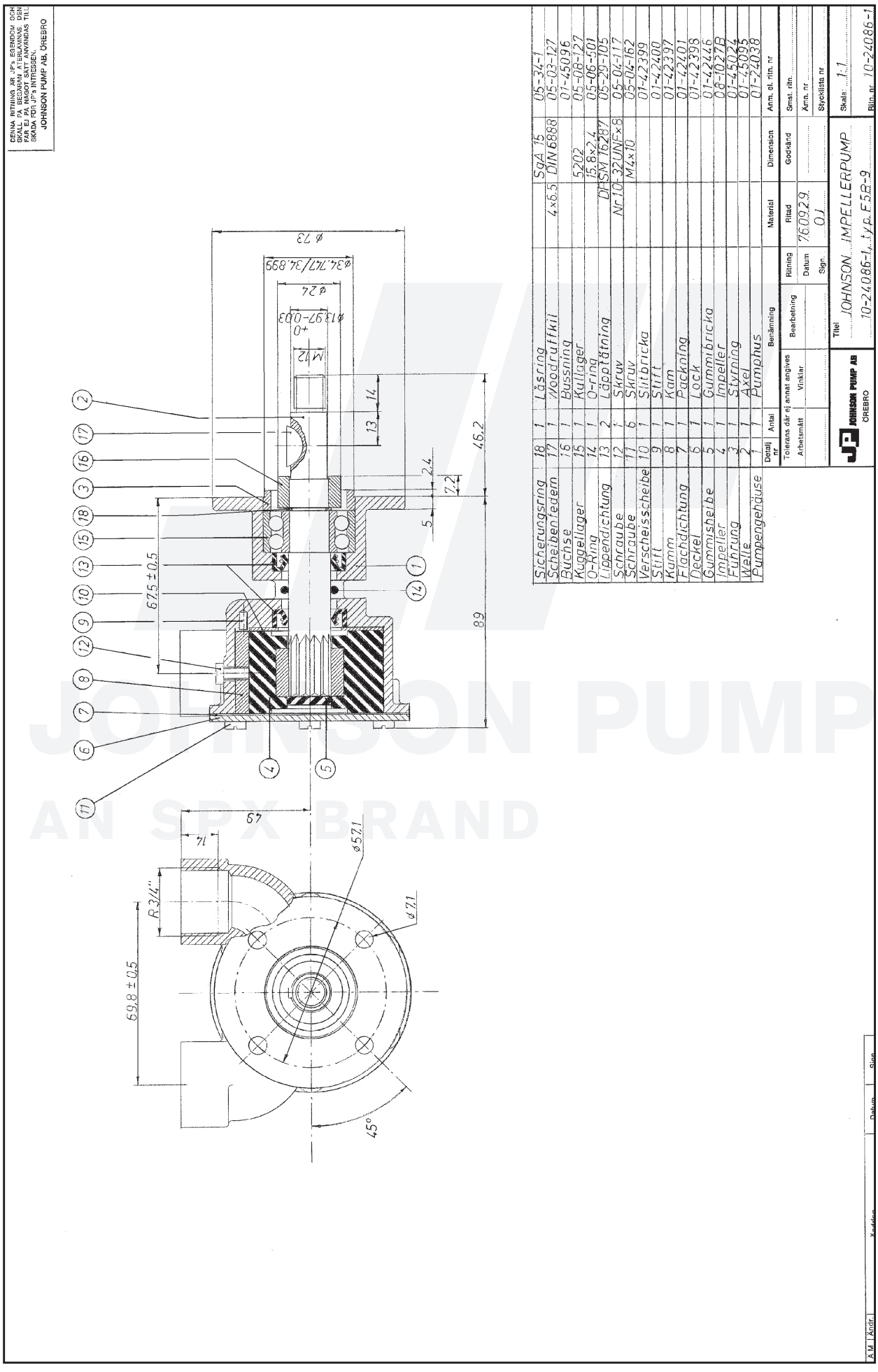


JOHNSON PUMP
AN SPX BRAND

10-24086 pump F5B-9



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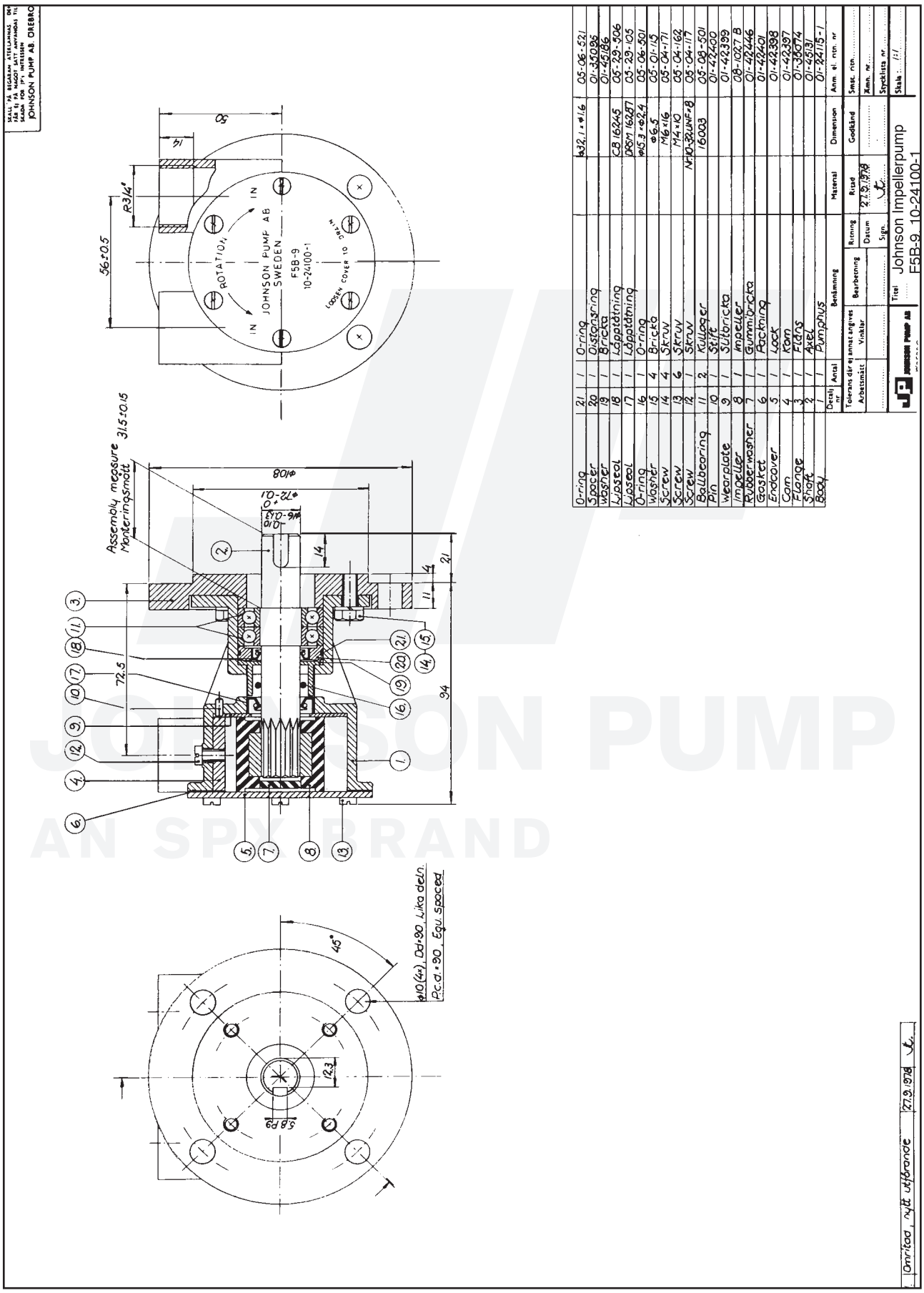


Detalj nr	Antal	Benämning	Material	Dimension	Anm. el. mtn. nr
21	1	O-ring		ID32.1 x ø1.6	05-06-521
20	1	Distansring			01-35086
19	1	Bricka			01-45186
18	1	Läppdämning		CB 16245	05-29-306
17	1	Läppdämning		DSM 16287	05-29-105
16	1	O-ring		ø5.3 x ø2.4	05-06-501
15	4	Bricka		ø6.5	05-01-15
14	4	Skruv		M6x16	05-04-171
13	6	Skruv		M4x10	05-04-162
12	1	Skruv		N10-32UNF-B	05-04-117
11	2	Kullager		16003	05-09-501
10	1	Stift			01-42400
9	1	Slutbricka			01-42399
8	1	Impeller			08-1027 B
7	1	Gummibricka			01-42446
6	1	Packning			01-42401
5	1	Lock			01-42398
4	1	Kam			01-42397
3	1	Flans			01-38074
2	1	Axel			01-45131
1	1	Pumphus			01-24175-1

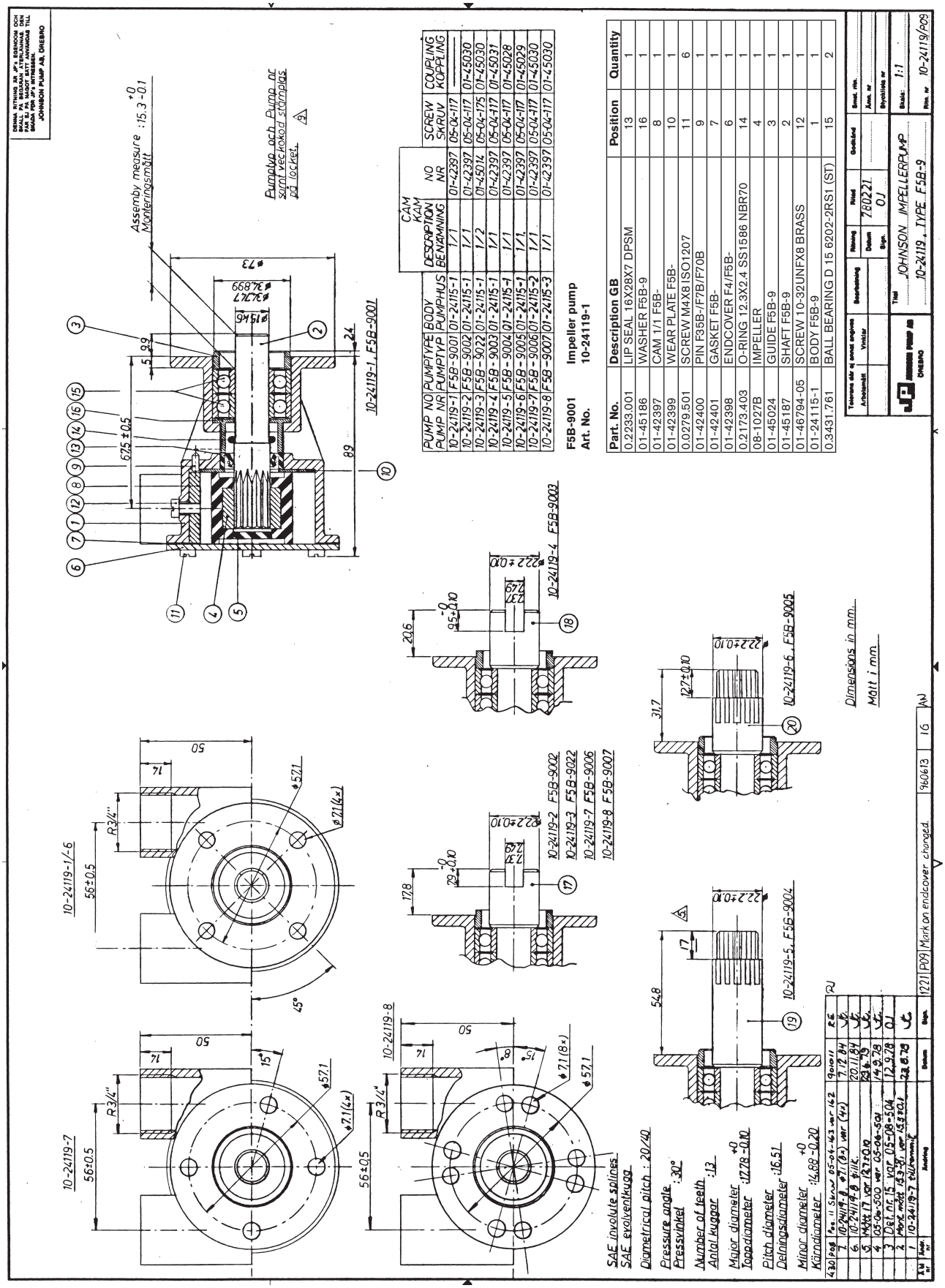
Tolerans där ej annat anges	Ritning	Riad	Godkänd	Smst. ritn.
Arbetsmått Vinklar	Bearbetning	Datum 27.9.1978		Ämn. nr
		Sign.		Specifista nr

Titel: Johnson Impellerpump F5B-9 10-24100-1

Skala: 1:1

JOHNSON PUMP AN SPX BRAND

10-24119 pump F5B-9



PUMP NO PUMP NR	PUMPTYP PUMPTYP	BODY PUMPHUS	CAM KAM DESCRIPTION BENÄMNING	NO NR	SCREW SKRUV	COUPLING KOPPLING
10-24119-1	F5B-9001	01-24115-1	1/1	01-42397	05-04-117	———
10-24119-2	F5B-9002	01-24115-1	1/1	01-42397	05-04-117	01-45030
10-24119-3	F5B-9022	01-24115-1	1/2	01-45014	05-04-175	01-45030
10-24119-4	F5B-9003	01-24115-1	1/1	01-42397	05-04-117	01-45031
10-24119-5	F5B-9004	01-24115-1	1/1	01-42397	05-04-117	01-45028
10-24119-6	F5B-9005	01-24115-1	1/1	01-42397	05-04-117	01-45029
10-24119-7	F5B-9006	01-24115-2	1/1	01-42397	05-04-117	01-45030
10-24119-8	F5B-9007	01-24115-3	1/1	01-42397	05-04-117	01-45030

F5B-9001 Impeller pump
Art. No. 10-24119-1

Part. No.	Description GB	Position	Quantity
0.2233.001	LIP SEAL 16X28X7 DPSM	13	1
01-45186	WASHER F6B-9	16	1
01-42397	CAM 1/1 F5B-	8	1
01-42399	WEAR PLATE F5B-	10	1
0.0279.501	SCREW M4X8 ISO1207	11	6
01-42400	PIN F35B-/F7B/F70B	9	1
01-42401	GASKET F6B-	7	1
01-42398	ENDCOVER F4/F5B-	6	1
0.2173.403	O-RING 12.3X2.4 SS1586 NBR70	14	1
08-1027B	IMPELLER	4	1
01-45024	GUIDE F5B-9	3	1
01-45187	SHAFT F5B-9	2	1
01-46794-05	SCREW 10-32UNFX8 BRASS	12	1
01-24115-1	BODY F5B-9	1	1
0.3431.761	BALL BEARING D 15 6202-2RS1 (ST)	15	2

Antal/Kvant	Pos. nr	Skiss 05-04-143 ver 142	Signerat	
1	7	10-24119-1 ø71(8x) var (4x)	7.12.84	
	6	10-24119-8 ø1nk.	20.11.84	
	5	Mått 17 var 18.12.89	28.6.89	
	4	05-04-300 var 03-04-504	14.9.78	
	3	Ref. nr. 15 var 05-04-504	12.9.78	
	2	Mon. mått 143-91 ver 143.10.1	23.6.78	
	1	10-24119-7 Mått ändrad	Datum	
Kvt nr	Ändr. nr	Ändring	Datum	Sign.
			960613	1G
		1221 P09 Mark on endcover changed.		

Tillverka där ej annat anges / Arbetsmått / Vinklar
Beskrivning
Måttenhet: Riktad 7.80221.0J
Godkänd
Ersatt från
Ersatt av
Ersätter nr
Skala: 1:1
Ritn. nr 10-24119/P09
Titel: JOHNSON IMPELLERPUMP 10-24119-... TYPE F5B-9
JOHNSON PUMP AB DYBERG

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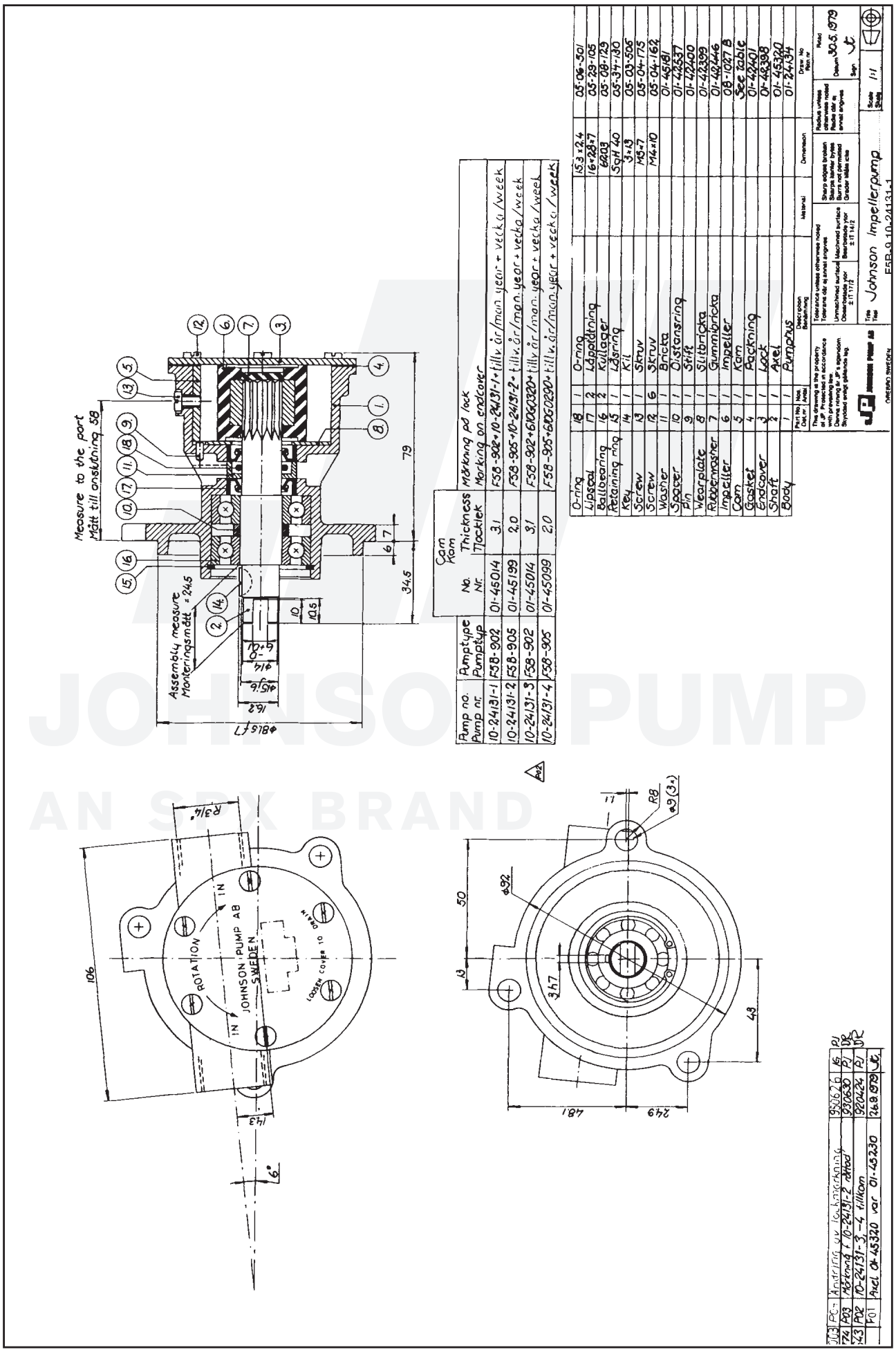
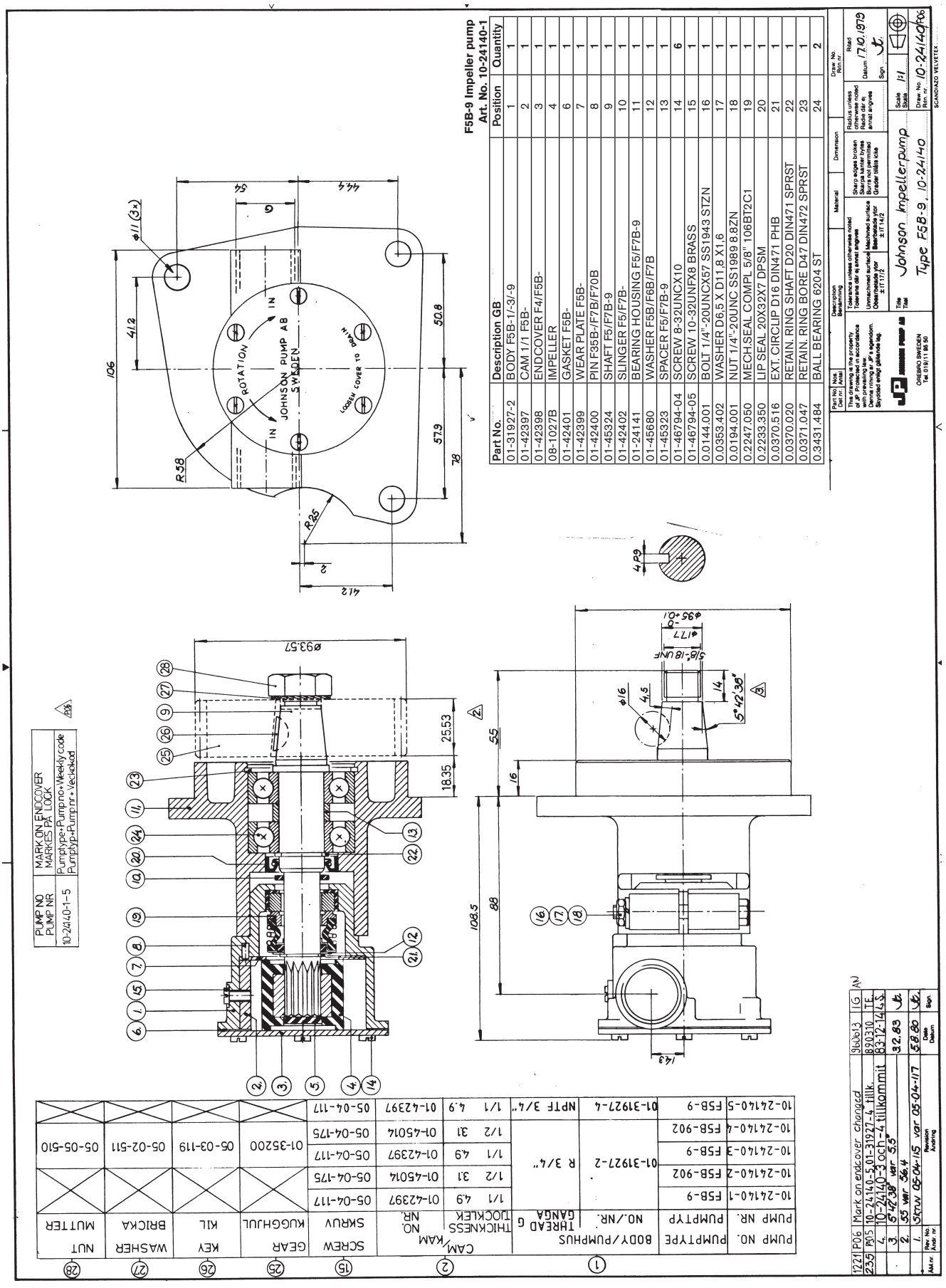


JOHNSON PUMP
AN SPX BRAND

10-24140 pump F5B-9



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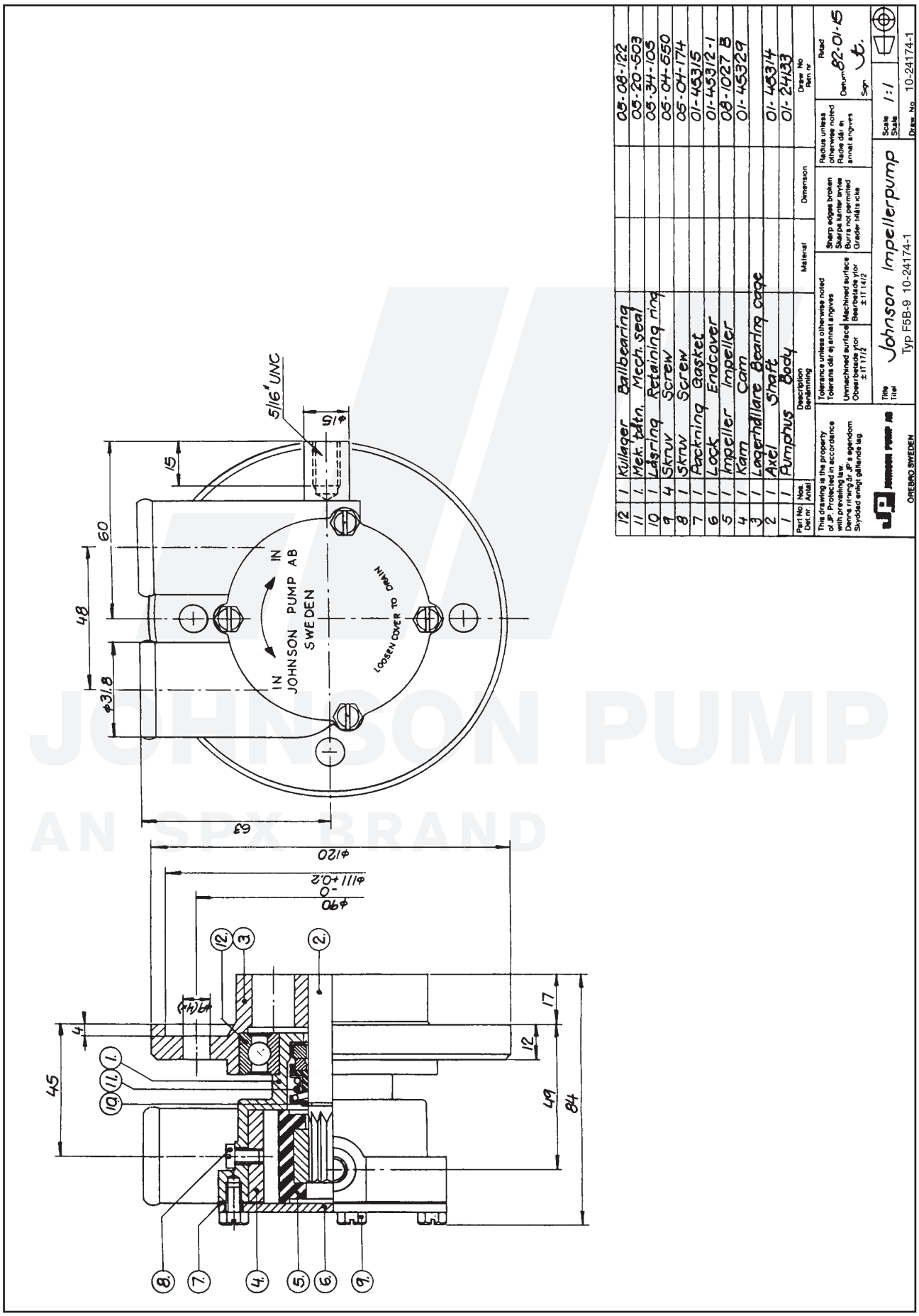


Part No Detnr	Not Anm	Description Benämning	Material	Dimension	Draw No Ritn nr
12	1	Kullager Ballbearing			05-08-122
11	1	Mek. tätn. Mech. seal			05-20-503
10	1	Låsring Retaining ring			05-34-105
9	4	Skruv Screw			05-04-650
8	1	Skruv Screw			05-04-174
7	1	Packning Gasket			01-45315
6	1	Lock Endcover			01-45312-1
5	1	Impeller Impeller			08-1027 B
4	1	Kam Cam			01-45329
3	1	Lagerhållare Bearing cage			
2	1	Axel Shaft			01-45314
1	1	Pumphus Body			01-24133

This drawing is the property of JP. Protected in accordance with prevailing law. Dessa ritning är JP:s egendom. Skyddad enligt gällande lag.

Tolerance unless otherwise noted Tolerans där ej annat anges

Unmachined surface Obearbetade ytor ±1T 17/2

Machined surface Bearbetade ytor ±1T 14/2

Sharp edges broken Skarpa kanter brutna Burrs not permitted Grader inåts icke

Radius unless otherwise noted Radie där ej annat anges

Dated Datum 82-01-15

Sign Sign

JP JOHNSON PUMP AB ÖREBRO SWEDEN

Title Titel Johnson Impellerpump

Typ F5B-9 10-24174-1

Scale Skala 1:1

Draw. No 10-24174-1

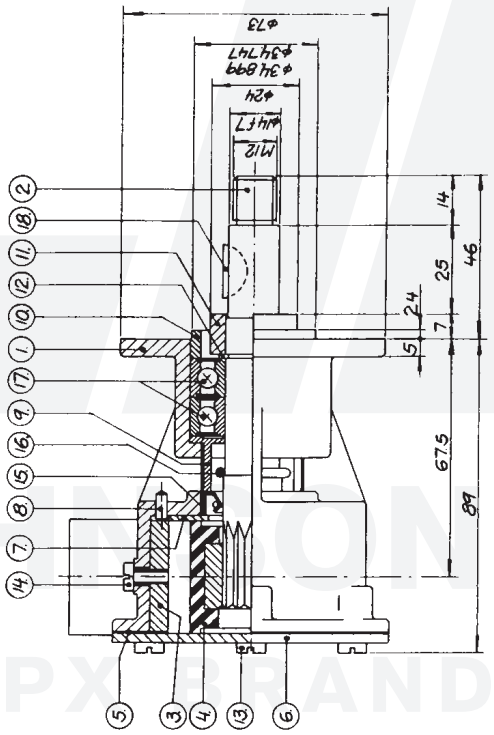
JOHNSON PUMP
AN SPX BRAND

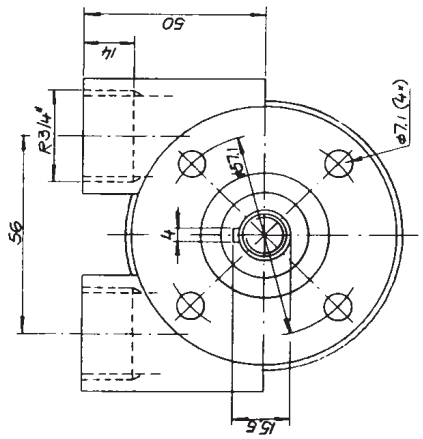
10-24184 pump F5B-9

Pos	Nos	Material	Description
18	1		Kil — Key
17	2		Kullager — Ballbearing
16	1		Oring — Oring
15	1		Läpptätn. — Läpptätning
14	1		Skruv — Screw
13	6		Skruv — Screw
12	1		Låsring — Retaining ring
11	1		Bussning — Bushing
10	1		Styrring — Guide
9	1		Bricka — Washer
8	1		Stift — Pin
7	1		Slitbricka — Wear plate
6	1		Lock — Endcover
5	1		Packning — Gasket
4	1		Impeller — Impeller
3	1		Kam — Cam
2	1		Axel — Shaft
1	1		Pumphus — Body

05-03-127	
05-08-123	
05-06-300	
05-29-105	
05-04-117	
05-04-162	
05-34-1	
01-45096	
01-45024	
01-45186	
01-42400	
01-42399	
01-42398	
01-42401	
02-1027 B	
01-42347	
01-49553	
01-24115-1	

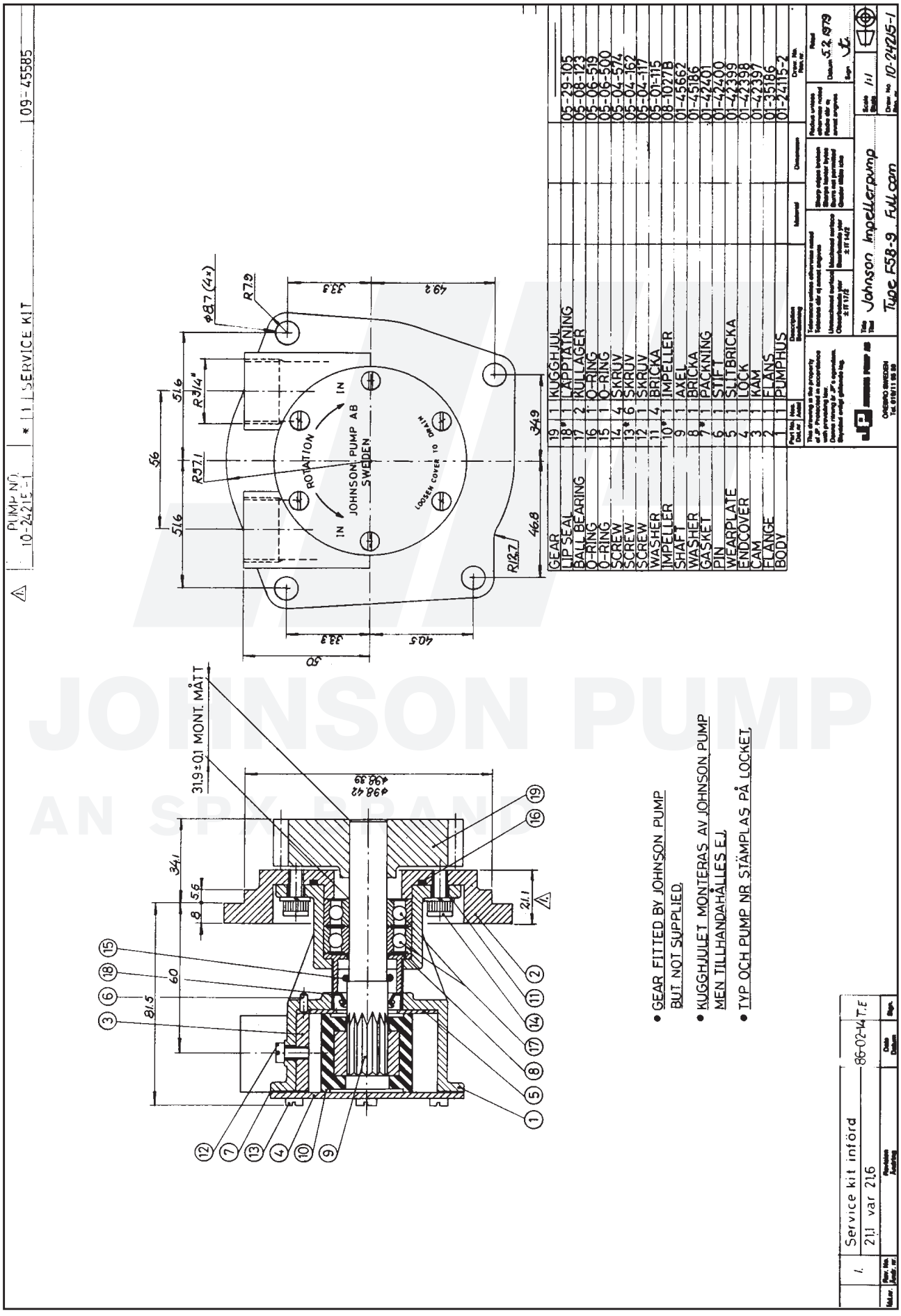
Johnson Impellerpump
10-24184-1





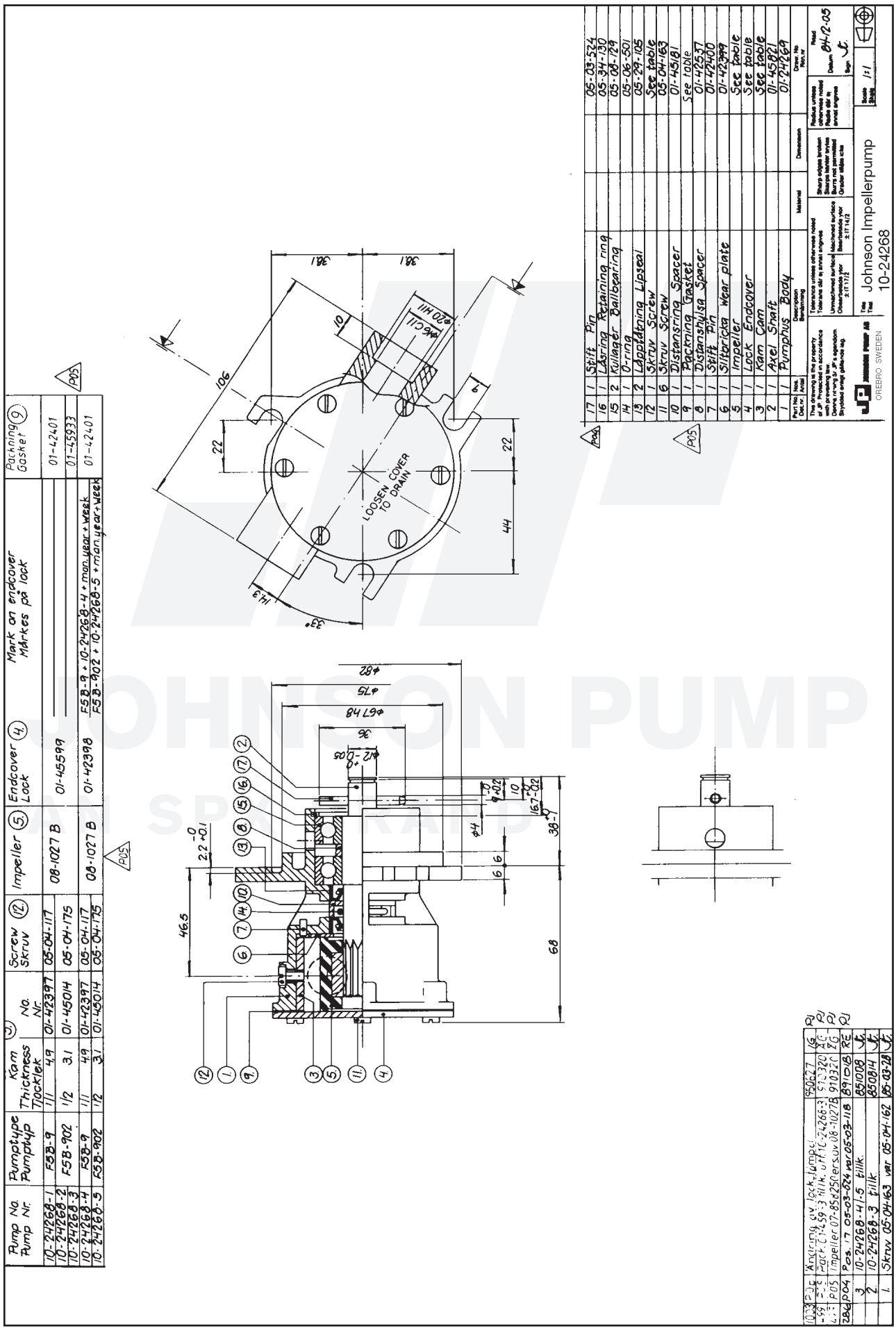
JOHNSON PUMP
AN SPX BRAND

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB



JOHNSON PUMP
AN SPX BRAND

10-24268 pump F5B-9



Pump No. Pump Nr	Pumptype Pumptyp	Kam Thickness Tjocklek	No. Nr.	Screw Skruv	Impeller	Endcover Lock	Mark on endcover Märkes på lock	Packning Gasket
10-24268-1	F5B-9	4.9	01-42397	05-04-117	08-1027 B	01-45599		01-42401
10-24268-2	F5B-902	3.1	01-45014	05-04-175				01-45933
10-24268-3	F5B-9	4.9	01-42397	05-04-117	08-1027 B	01-42398	F5B-9 + 10-24268-4 + manyear+week	01-42401
10-24268-5	F5B-902	3.1	01-45014	05-04-175			F5B-902 + 10-24268-5 + manyear+week	

Pos	Nos	Description Benämning	Material	Dimension	Part No. Nos. Del nr. Antal
17	1	Stift Pin			05-03-524
16	1	Låsring Retaining ring			05-34-130
15	2	Kullager Ballbearing			05-08-129
14	1	O-ring			05-06-501
13	2	Läppätning Lipseal			05-29-105
12	1	Skruv Screw			See table
11	6	Skruv Screw			05-04-163
10	1	Distansring Spacer			01-45181
9	1	Packning Gasket			See table
8	1	Distanshylsa Spacer			01-42537
7	1	Stift Pin			01-42400
6	1	Slitbricka Wear plate			01-42399
5	1	Impeller			See table
4	1	Lock Endcover			See table
3	1	Kam Cam			See table
2	1	Axel Shaft			01-45021
1	1	Pumphus Body			01-24269

Pos	Antal	Benämning	Artikelnr
003	2	Knuring sv lock-kamper	50627
002	1	Pack 01-459-3 Mik. utfl. 24266-3	91320
001	1	Impeller 07-85x250 ers av 08-1027B	91032
004	Pos. 1, 7	05-03-524 var 05-03-118	89108
	3	10-24268-4 1-5 tillk.	85100
	2	10-24268-3 tillk.	85008
	1	Skruv 05-04-163 var 05-04-162	05-03-28

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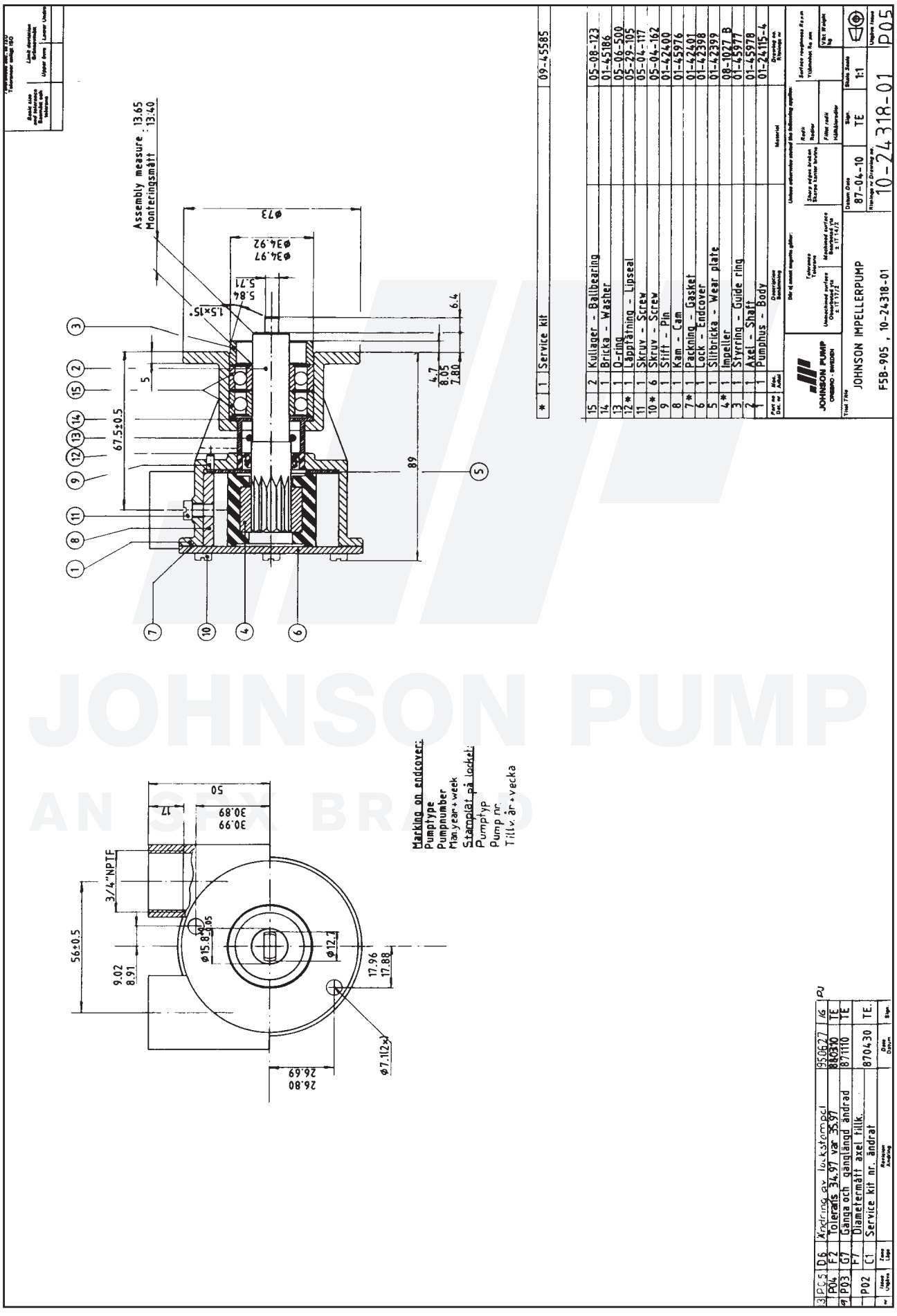
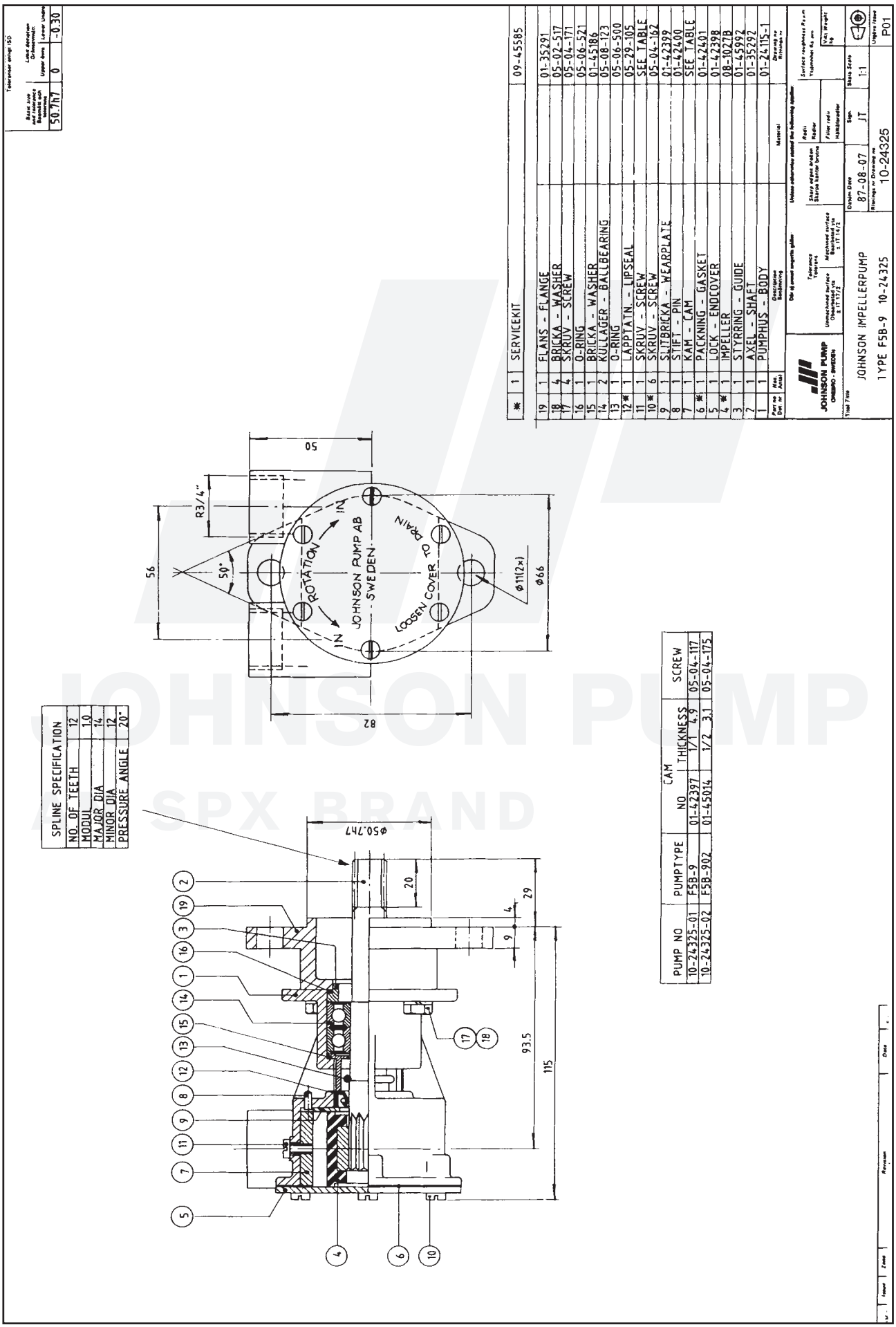


JOHNSON PUMP
AN SPX BRAND

10-24325 pump F5B-9



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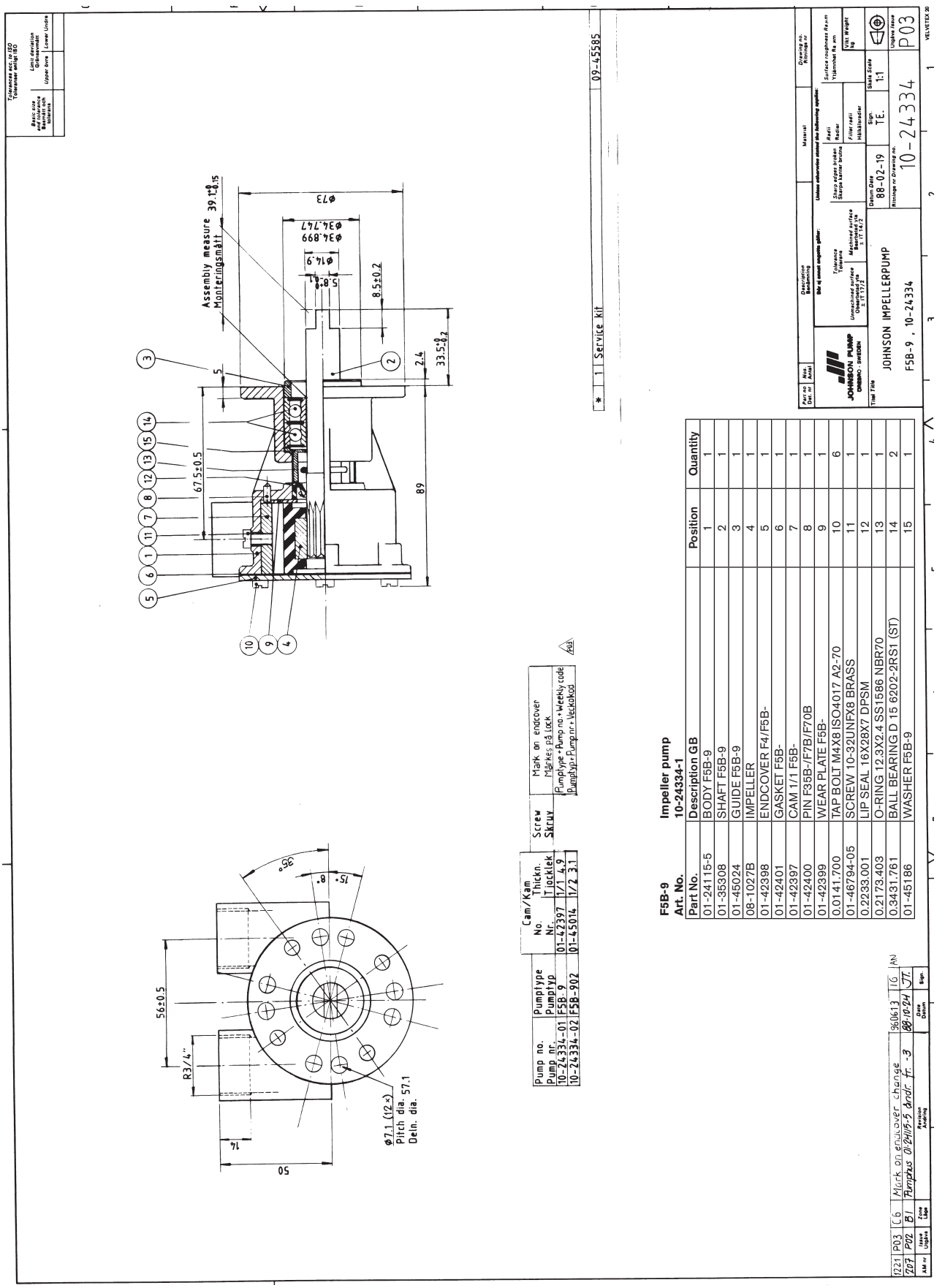

Part No.	Description GB	Position	Quantity
01-24115-5	BODY F5B-9	1	1
01-35308	SHAFT F5B-9	2	1
01-45024	GUIDE F5B-9	3	1
08-1027B	IMPELLER	4	1
01-42398	ENDCOVER F4/F5B-	5	1
01-42401	GASKET F5B-	6	1
01-42397	CAM 1/1 F5B-	7	1
01-42400	PIN F35B-/F7B/F70B	8	1
01-42399	WEAR PLATE F5B-	9	1
0.0141.700	TAP BOLT M4X8 ISO4017 A2-70	10	6
01-46794-05	SCREW 10-32UNFX8 BRASS	11	1
0.2233.001	LIP SEAL 16X28X7 DPSM	12	1
0.2173.403	O-RING 12.3X2.4 SS1586 NBR70	13	1
0.3431.761	BALL BEARING D 15 6202-2RS1 (ST)	14	2
01-45186	WASHER F5B-9	15	1

F5B-9 Impeller pump

Art.. No. 10-24372

Art. No.	Description	Position	Quantity
01-24447-1	BODY F5B-9	1	1
04-46238	BEARING HOUSING CPL	2	1
08-1027B	IMPELLER	4	1
01-45312-4	ENDCOVER F5B-9	5	1
01-45315	GASKET F5B/F6B-9	6	1
0.0141.502	SCREW M5X8 DIN933SLOTTED BRASS	8	4
0.2233.001	LIP SEAL 16X28X7 DPSM	9	1
0.3431.754	BALL BEARING 6007 2 RS1 ST	10	1

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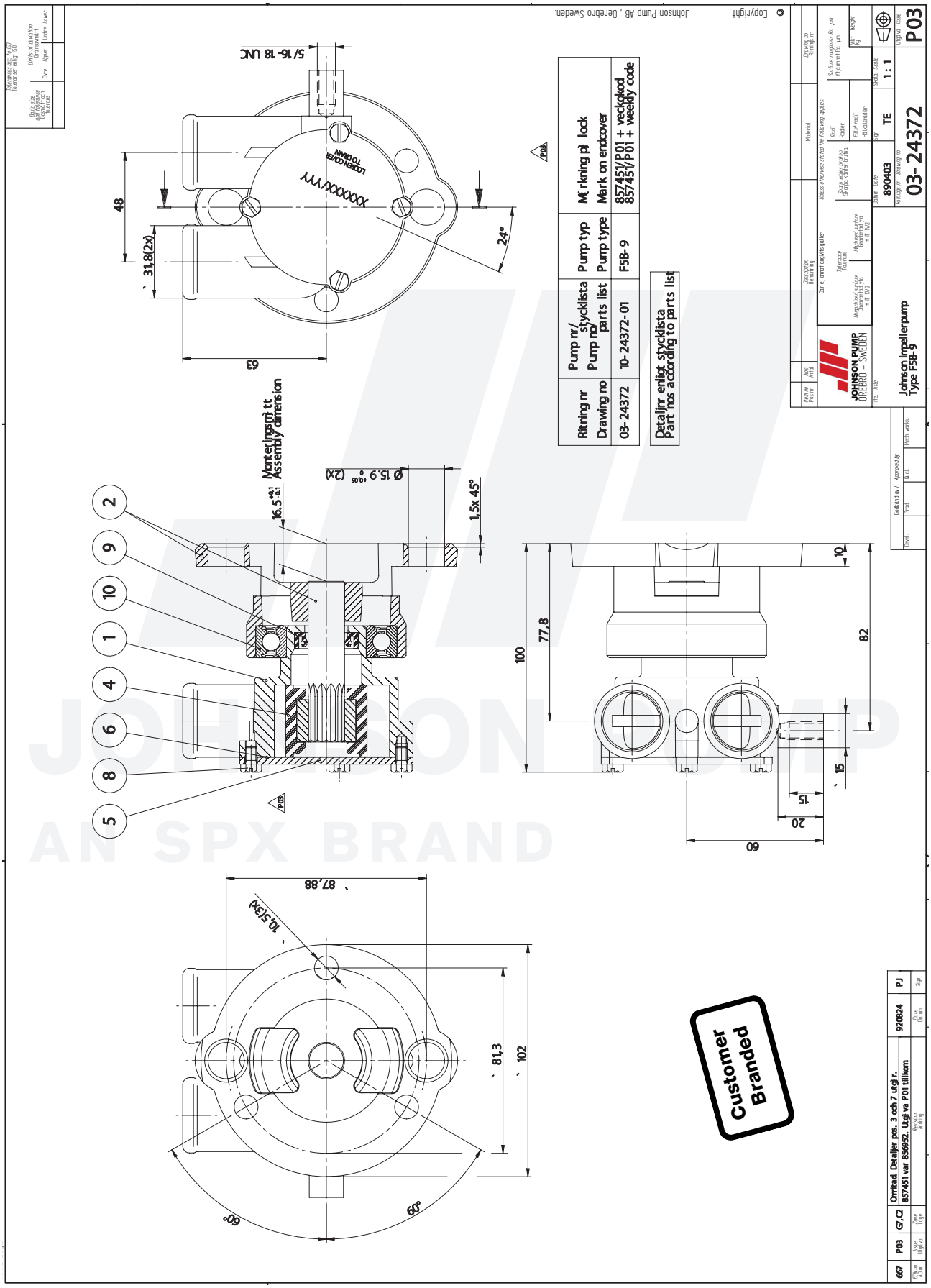

JOHNSON PUMP
AN SPX BRAND

F5B-9 Impeller pump
Art. No. 10-24451-01

Service Kit No. 09-45583

Part no.	Description GB	Position	Quantity
0.2233.350	LIP SEAL 20X32X7 DPSM	18	1
0.0370.516	EXT. CIRCLIP D16 DIN471 PHB	20	1
0.0370.020	EXT. CIRCLIP D20 DIN471 ST	21	1
0.0371.047	RETAIN. RING BORE D47 DIN472 SPRST	22	1
0.3431.484	BALL BEARING 6204 ST	17	2
01-42401	GASKET F5B-	7	1
01-42397	CAM 1/1 F5B-	8	1
01-42398	ENDCOVER F4/F5B-	5	1
08-1027B	IMPELLER	23	1
0.2247.050	MECH.SEAL COMPL 5/8” 106BT2C1	19	1
01-42399	WEAR PLATE F5B-	6	1
01-42400	PIN F35B-/F7B/F70B	4	1
01-35713	SHAFT F5B/F7B-9	3	1
01-45323	SPACER F5/F7B-9	11	1
01-24446-1	BEARING HOUSING F5B/F7B-9	2	1
01-45680	WASHER F5B/F6B/F7B	10	1
0.0194.001	NUT 1/4”-20UNC SS1989 8.8ZN	16	1
0.0144.001	BOLT 1/4”-20UNCX57 SS1943 STZN	13	1
0.0353.402	WASHER D6,5 X D11,8 X1,6	12	1
01-42402	SLINGER F5/F7B-	9	1
01-46794-05	SCREW 10-32UNFX8 BRASS	14	1
01-31927-2	BODY F5B-1/-3/-9	1	1
01-46794-04	SCREW 8-32UNCX10	15	6

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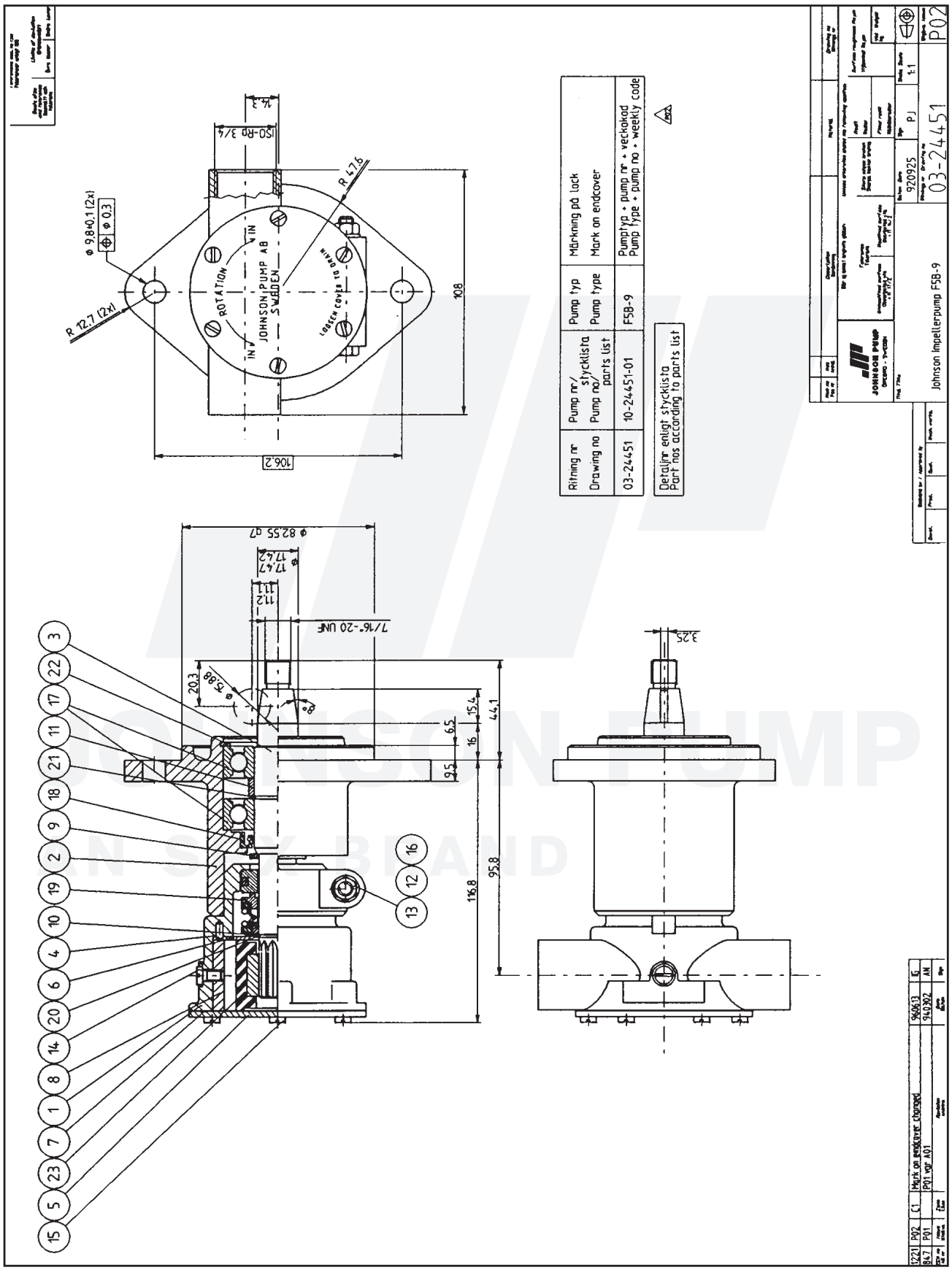

JOHNSON PUMP AN SPX BRAND

F5B-9 Impeller pump
Art. No. 10-24508-04

Part No.	Description GB	Position	Quantity
19-12967042700	GEAR (YANMAR)	3	1
01-46531	SHAFT F5B-9	4	1
01-46532	WEAR PLATE F5B-9	5	1
01-46535	ENDCOVER F5B/6B	6	1
01-45680	WASHER F5B/F6B/F7B	7	1
0.0141.503	SCREW M5X12 ISO4017 (A4)	8	4
0.0190.001	LOCKNUT M10 DIN6927 8.8	9	1
0.2173.475	O-RING 57.6X2.4 SS1586 NBR70	10	1
0.3431.483	BALL BEARING 6203	11	2
0.2230.015	V-RING 15.5-17.5 NBR/65SH	12	1
0.2247.050	MECH.SEAL COMPL 5/8” 106BT2C1	13	1
0.2233.001	LIP SEAL 16X28X7 DPSM	14	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	16	1
0.0370.516	EXT. CIRCLIP D16 DIN471 PHB	17	1
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	18	1
08-1027B	IMPELLER	19	1
0.0503.010	WOODRUFKEY 3X3.7X10 DIN6888 ST	20	1
04-46684-02	SUB ASSEMBLY F5B-9	21	1

F5B-9 Impeller pump
Art. No. 10-24508-03

Part No.	Description GB	Position	Quantity
19-12967042700	GEAR (YANMAR)	3	1
01-46531	SHAFT F5B-9	4	1
01-46532	WEAR PLATE F5B-9	5	1
01-46535	ENDCOVER F5B/6B	6	1
0.0141.503	SCREW M5X12 ISO4017 (A4)	8	4
0.0190.001	LOCKNUT M10 DIN6927 8.8	9	1
0.2173.475	O-RING 57.6X2.4 SS1586 NBR70	10	1
0.3431.483	BALL BEARING 6203	11	2
0.2230.015	V-RING 15.5-17.5 NBR/65SH	12	1
0.2233.001	LIP SEAL 16X28X7 DPSM	14	1
0.2233.022	LIP SEAL 16X32X7 DPSM	15	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	16	1
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	18	1
08-1027B	IMPELLER	19	1
0.0503.010	WOODRUFKEY 3X3.7X10 DIN6888 ST	20	1
04-46684-02	SUB ASSEMBLY F5B-9	21	1

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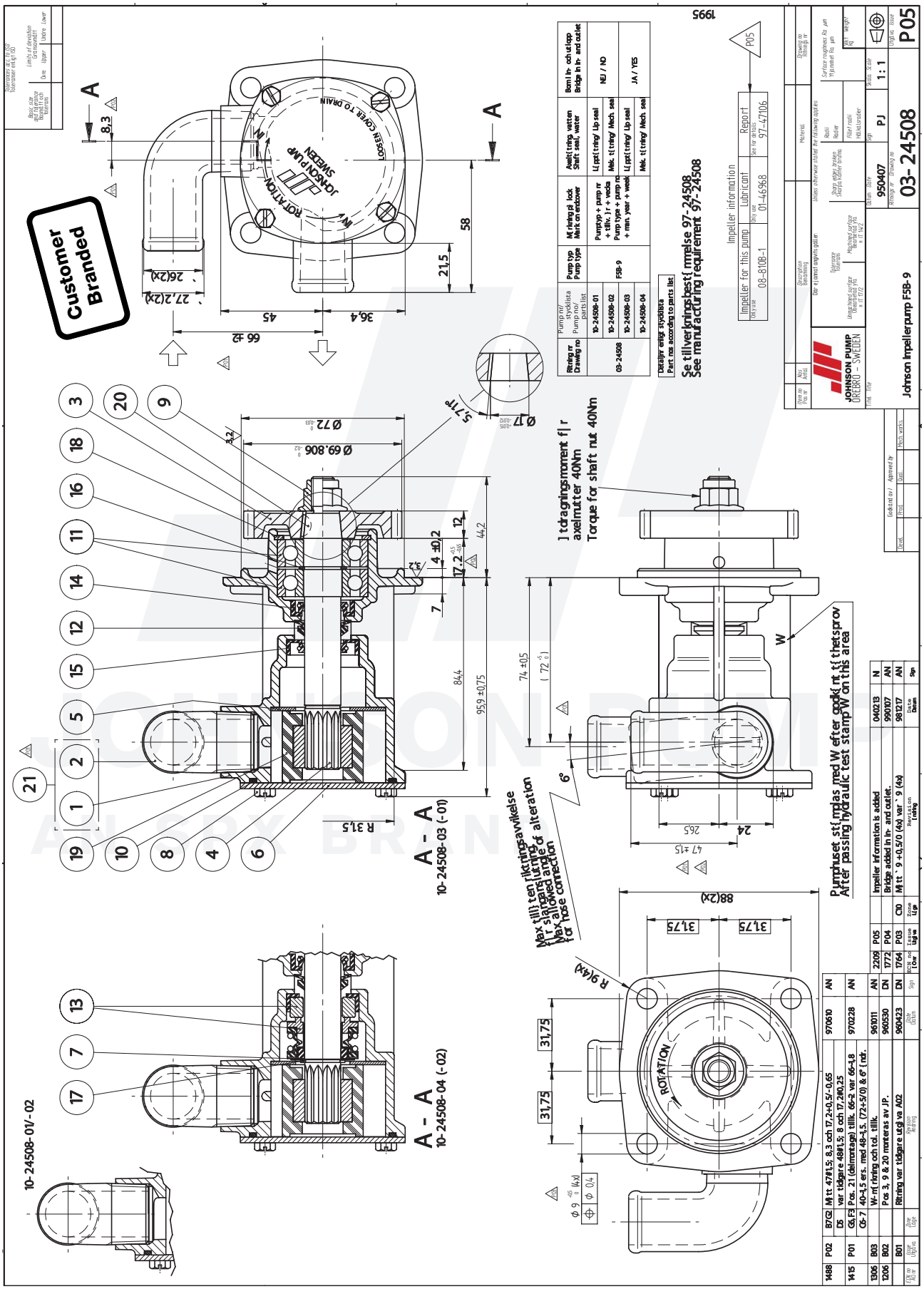
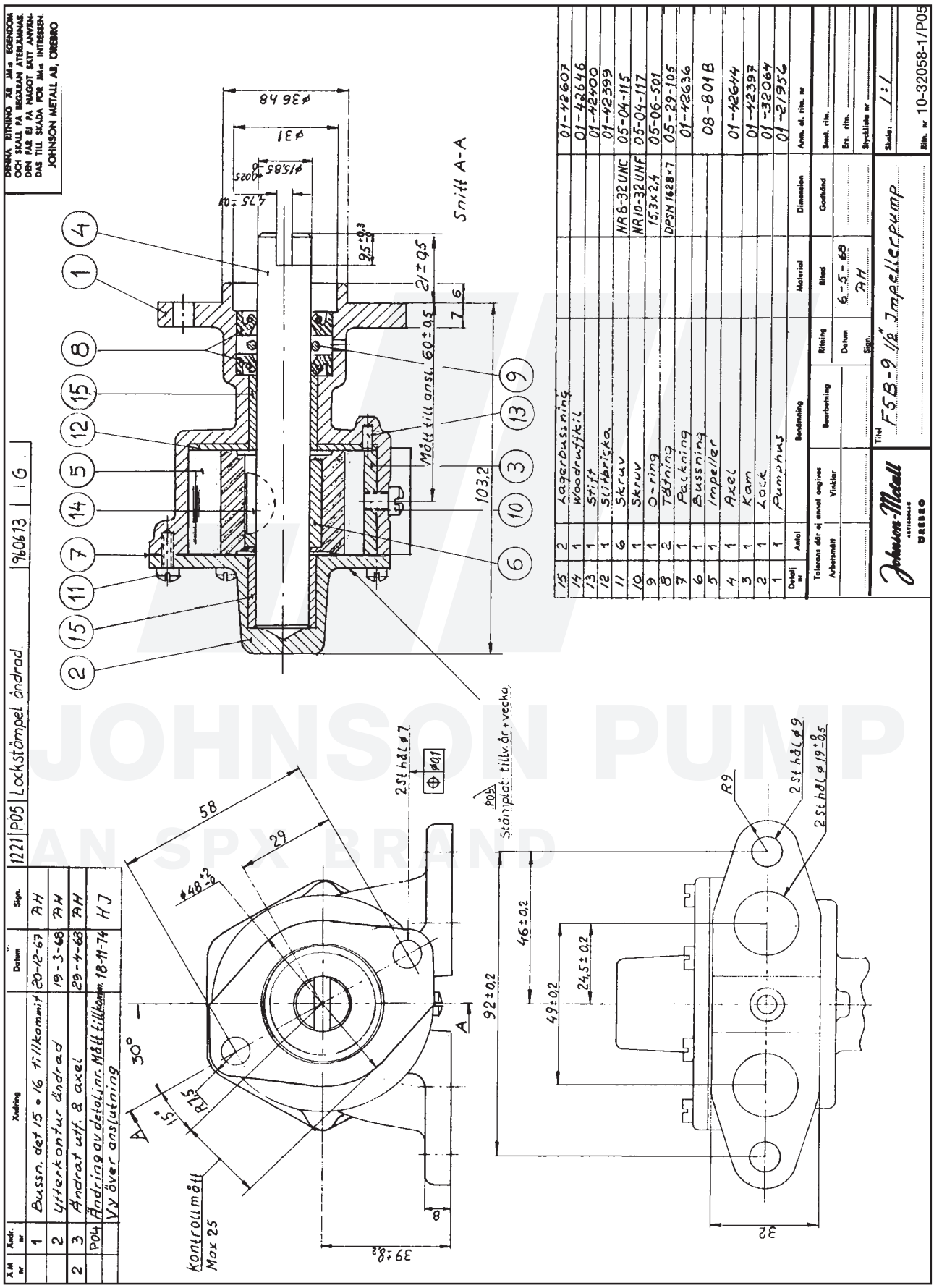
JOHNSON PUMP
AN SPX BRAND


Customer Branded
JOHNSON PUMP
ROTATION
SWEDEN
Impeller information
Impeller for this pump
Lubricant
Report
08-8108-1
01-46968
97-47106
Se tillverkningsbeskrivning 97-24508
See manufacturing requirement 97-24508
Pump typ
Pump type
F5B-9
Märkring på lock
Mark on endcover
Pumptyp + pump nr + tillv. år + vecka
Pump type + pump no + man. year + week
Axeltätning, vatten
Shaft seal, water
Läpptätning/ Lip seal
Mek. tätning/ Mech. seal
Bomlås in- och utlopp
Bridge in in- and outlet
NEJ / NO
JA / YES
10-24508-01
10-24508-02
10-24508-03
10-24508-04
03-24508
Pump nr/ styckdata
Pump no/ parts list
Ritning nr
Drawing no
Delar enligt styckdista
Part nos according to parts list:
Dragningsmoment f|r axelmutter 40Nm
Torque for shaft nut 40Nm
Max till|ten riktningsavvikelse
Max allowed angle of alteration
for hose connection
Pumpuset st|mplas med W efter godk|nt t|thetsprov
After passing hydraulic test stamp W on this area
10-24508-01/-02
10-24508-03 (-01)
10-24508-04 (-02)
A - A
ROTATION
Johnson Impellerpump F5B-9
03-24508
P05
1:1
950407
JOHNSON PUMP
ÖREBRO - SWEDEN

10-32058 pump F5B-9



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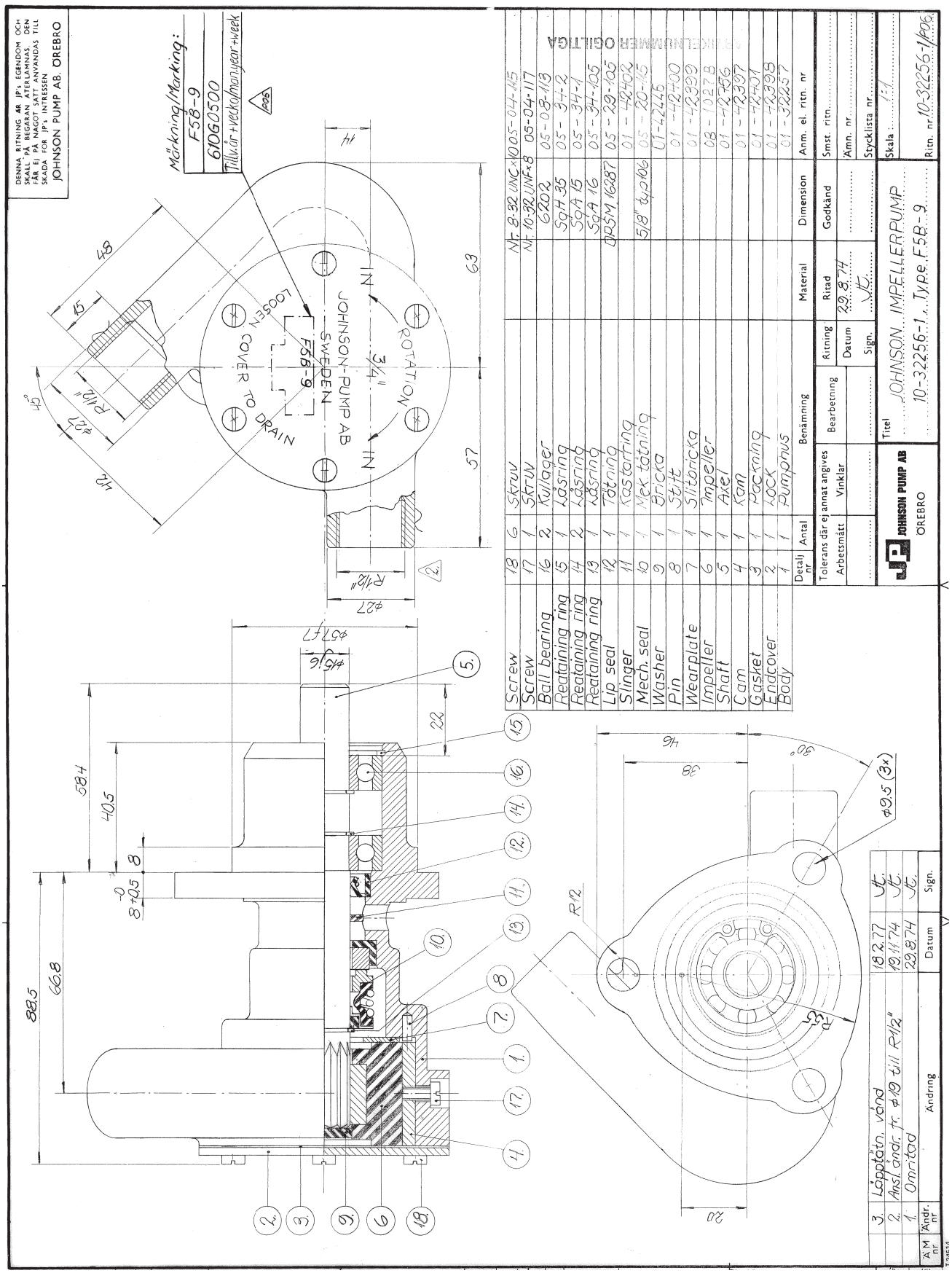
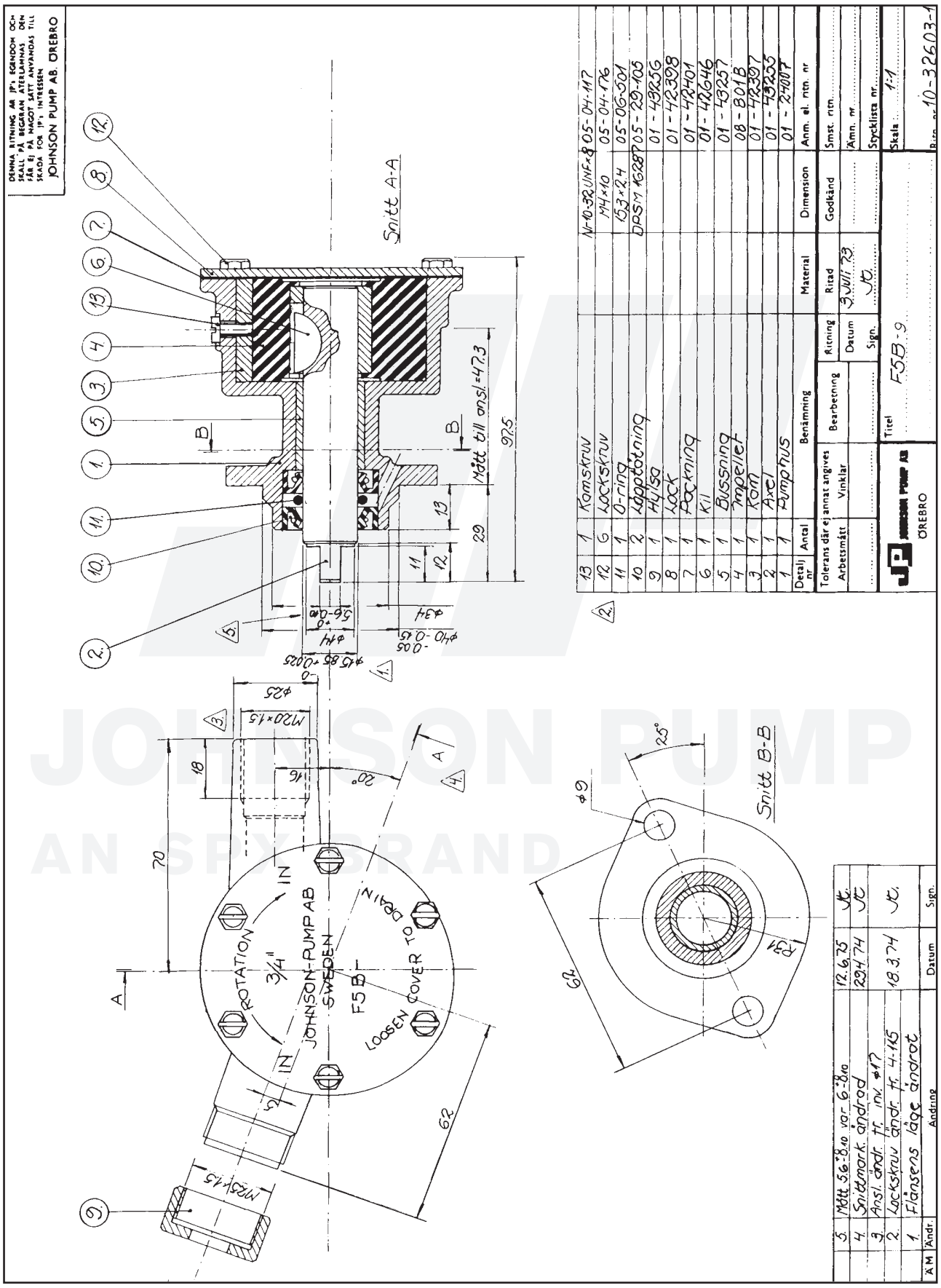

DENNA RITNING ÄR JP:s EGENDOM OCH SKALL PÅ BEGÄRAN ÅTERLÄMNAS. DEN FÅR EJ PÅ NÅGOT SÄTT ANVÄNDAS TILL SKADA FÖR JP:s INTRESSEN
JOHNSON PUMP AB. ÖREBRO
Märkning/Marking:
F58-9
6106500
Tillv.år+vecka/manyear+week
JOHNSON-PUMP AB
SWEDEN
F58-9
LOOSEN COVER TO DRAIN
ROTATION
IN
3/4"
R1/8"
R1/2"
48
15
63
57
14
22
58.4
40.5
66.8
88.5
R12
Ø9.5 (3×)
Screw
Screw
Ball bearing
Reataining ring
Reataining ring
Reataining ring
Lip seal
Slinger
Mech. seal
Washer
Pin
Wearplate
Impeller
Shaft
Cam
Gasket
Endcover
Body
Material
Dimension
JOHNSON PUMP AB
ÖREBRO
Titel
JOHNSON IMPELLERPUMP
10-32256-1 ... Type F5B-9
Ritn. nr 10-32256-1/P06
Skala 1:1
Lägsta vänd 18.2.77 JE.
Ändr. gänd. fr. Ø9 till R1/2" 19.11.74 JE.
Omritad 23.8.74 JE.
Ändring
Datum
Sign.

10-32603 pump F5B-9



JOHNSON PUMP
AN SPX BRAND

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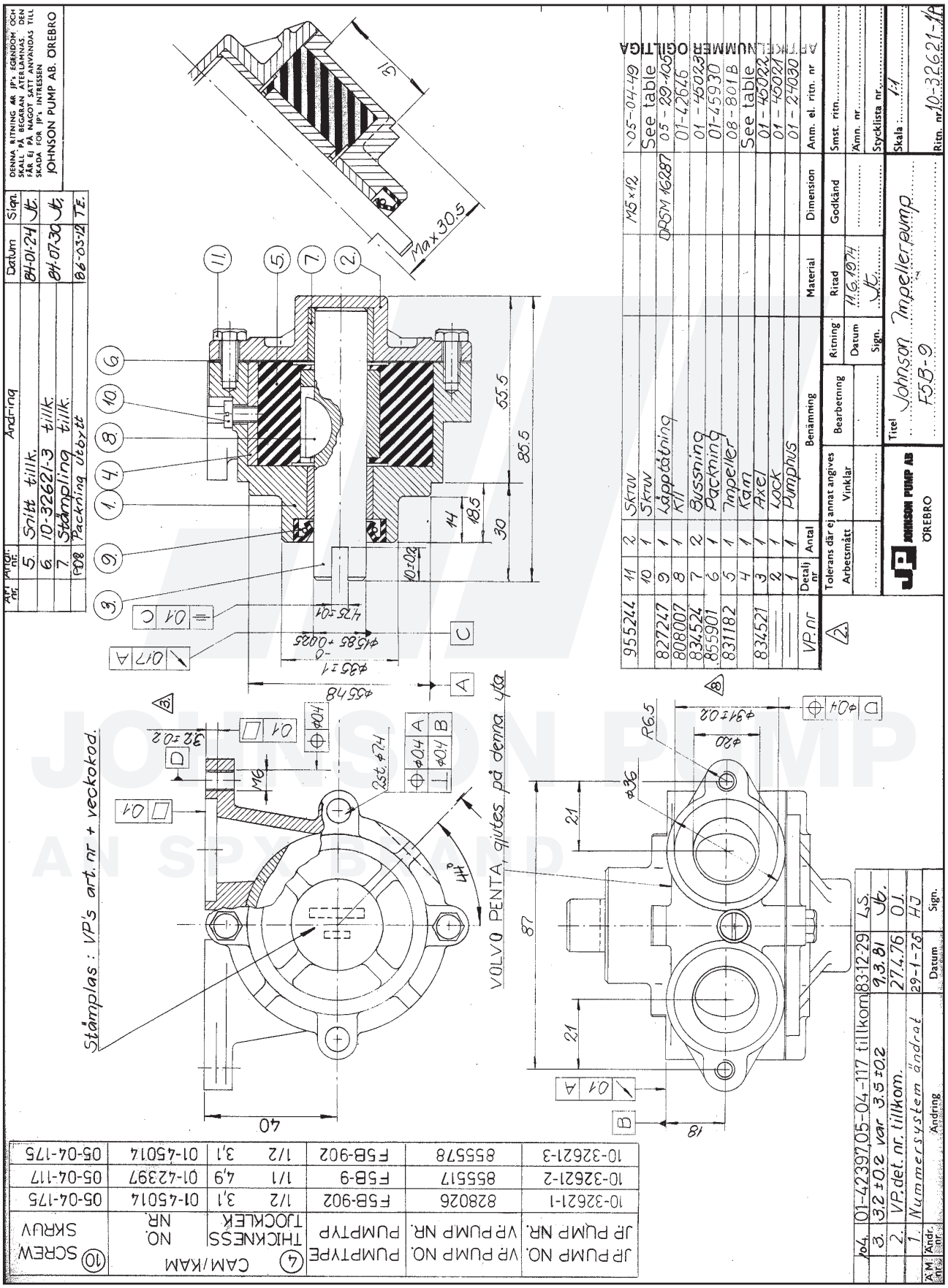
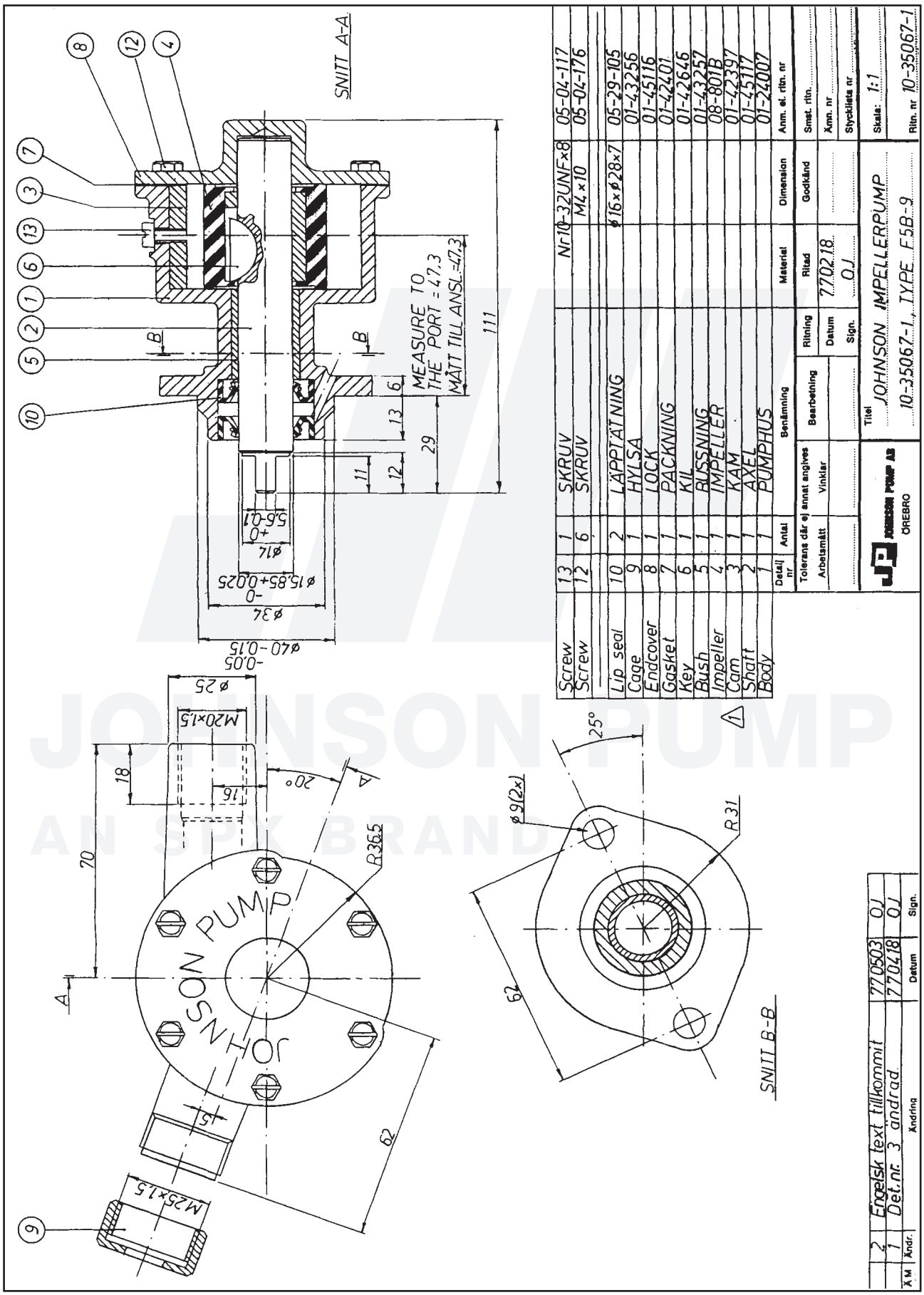

Stämplas : VP's art. nr + veckokod.
VOLVO PENTA, gjutes på denna yta
Max 30.5
15
Ändring
5. Snitt tillk. 84-01-24
6. 10-32621-3 tillk. 84-07-30
7. Stämpling tillk. 86-03-12
08 Packning utbytt
Art. nr
Ant./Mat. nr.
Sign.
Datum
DENNA RITNING ÄR JP's EGENDOM OCH SKALL PÅ BEGÄRAN ÅTERLÄMNAS. DEN FÅR EJ PÅ NÅGOT SÄTT ANVÄNDAS TILL SKADA FÖR JP's INTRESSEN
JOHNSON PUMP AB. ÖREBRO
NUMMER OGILTIGA
05-04-49
See table
05-29-105
01-42646
01-45023
01-45930
08-801B
See table
01-45022
01-45021
01-24030
M5×12
DIN 912
DIN 6885
DIN 7603
DIN 7603
DIN 7603

10-35067 pump F5B-9



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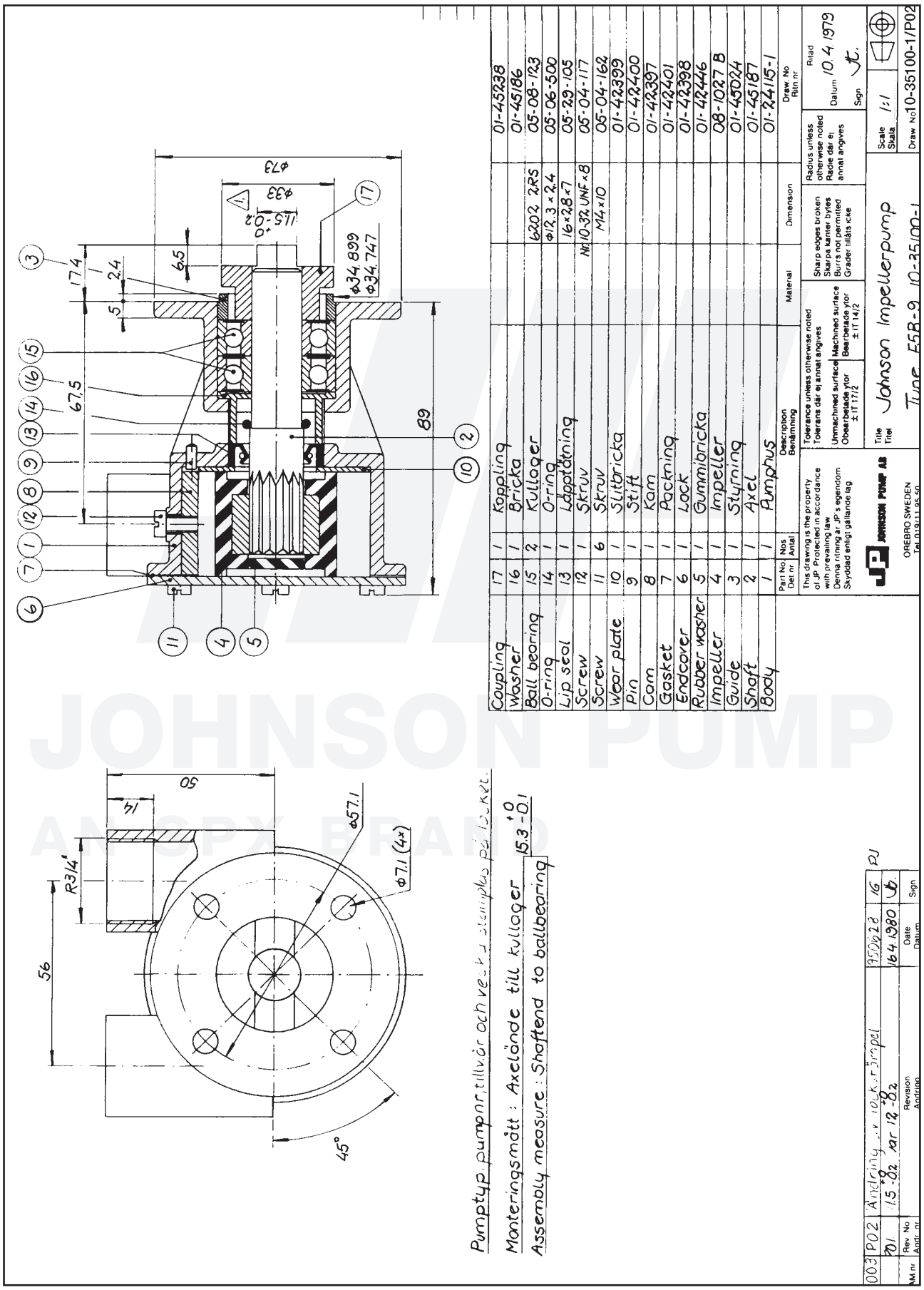
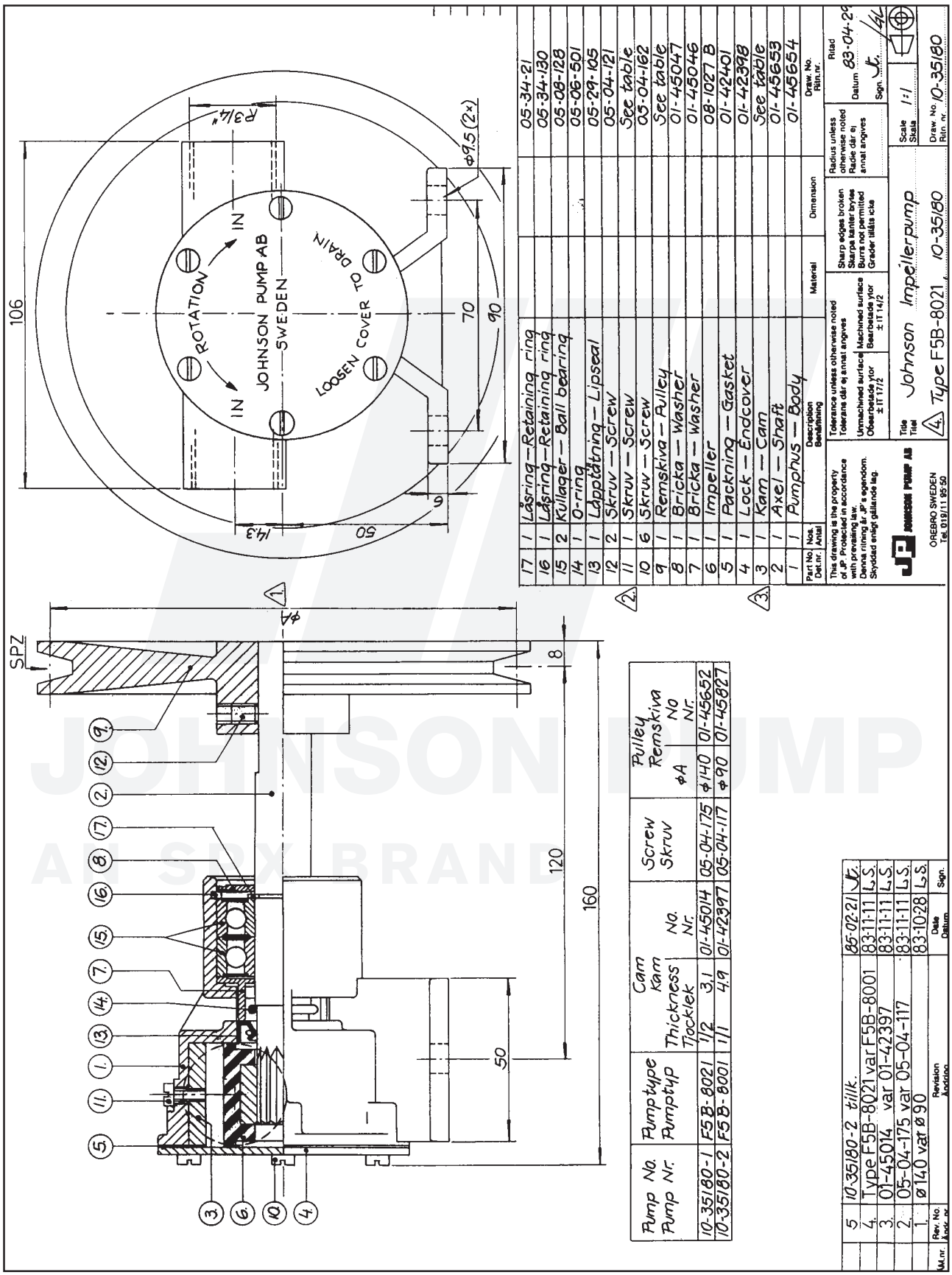
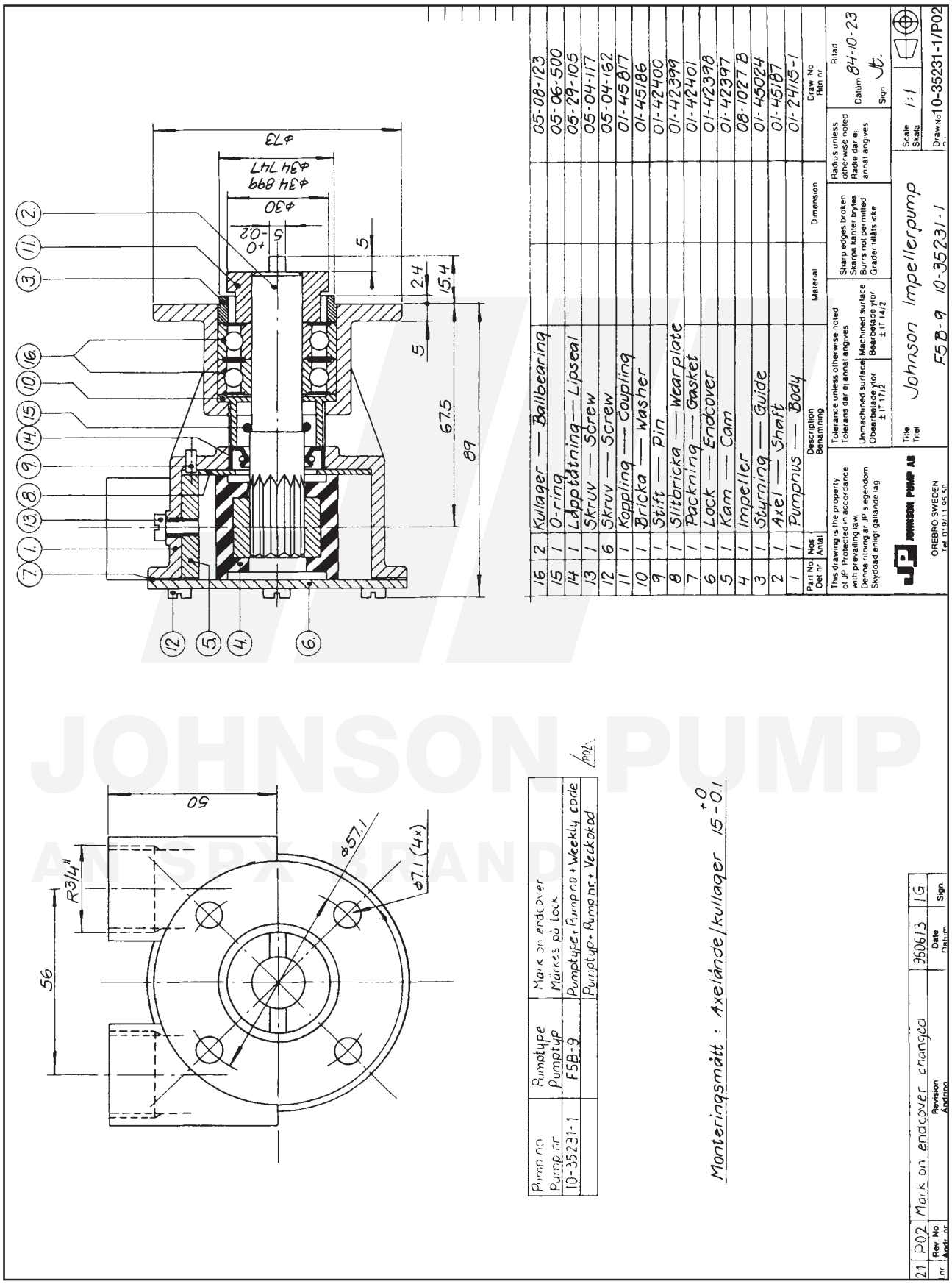


JOHNSON PUMP
AN SPX BRAND

10-35180 pump F5B-8021

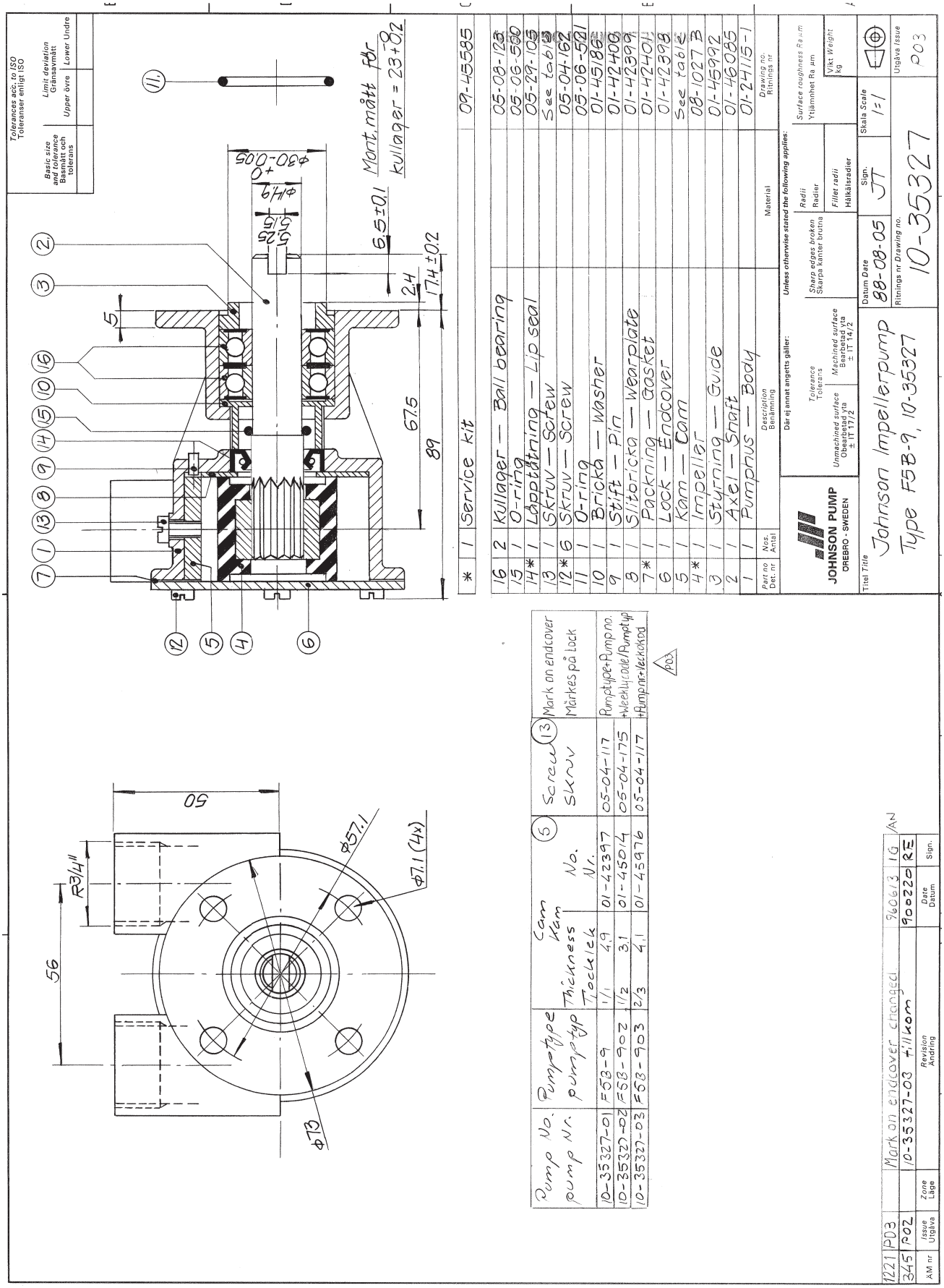


The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB



JOHNSON PUMP
AN SPX BRAND

10-35327 pump F5B-9



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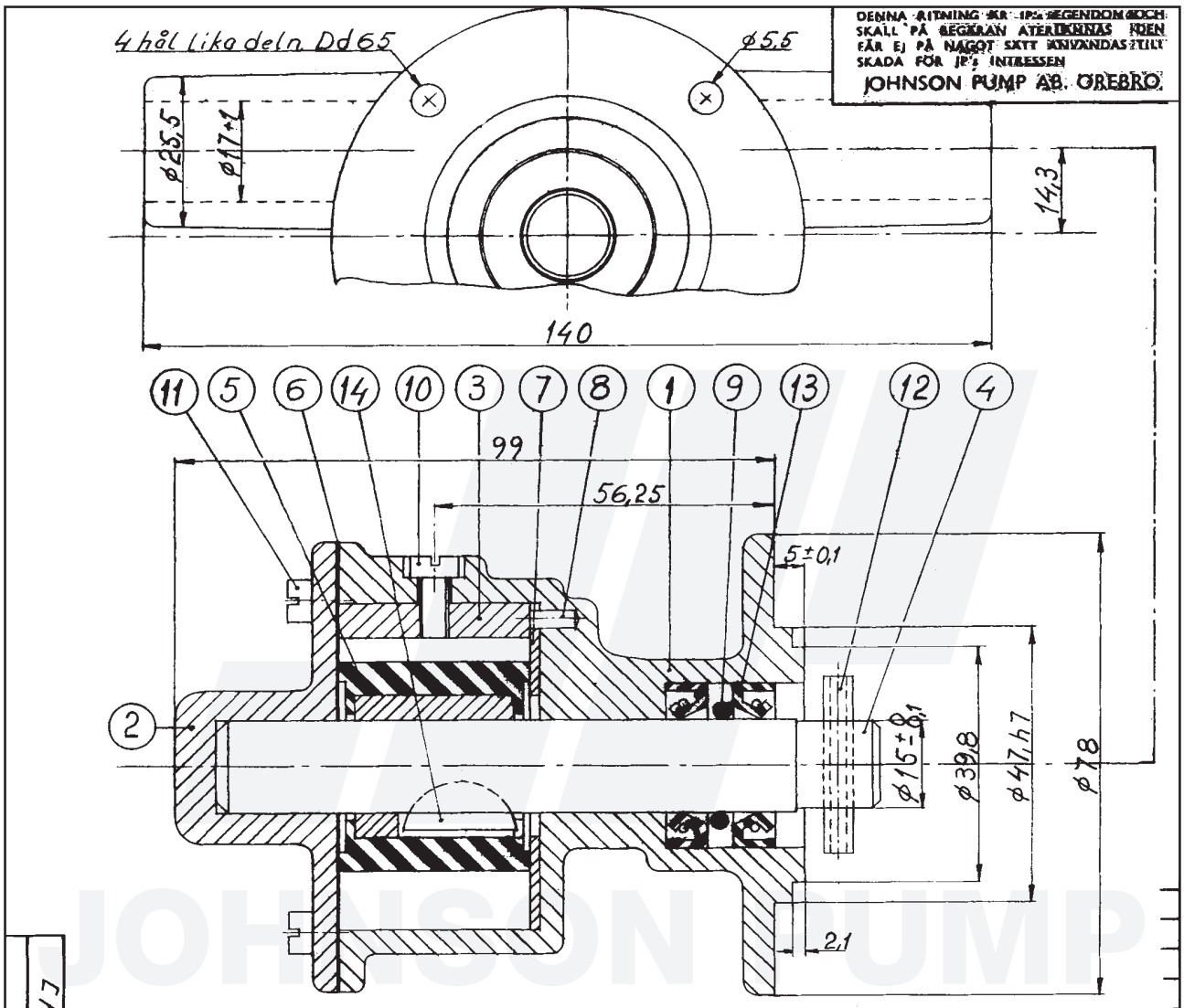

DENNA RITNING ÄR IP:s EGENDOM OCH SKALL PÅ BEGÄRAN ÅTERLÄMNAS DEN FÅR EJ PÅ NÅGOT SÄTT ANVÄNDAS TILL SKADA FÖR IP:s INTRESSEN
JOHNSON PUMP AB. ÖREBRO

Detalj nr	Antal	Benämning	Material	Dimension	Anm. el. ritn. nr
14	1	Kil			01-42646
13	2	Tätning			05-29-105
12	1	Rörstift			05-03-120
11	6	Skruv			05-04-115
10	1	Skruv			05-04-117
9	1	O-ring			05-06-501
8	1	Stift			01-42400
7	1	Slitbricka			01-42399
6	1	Packning			01-42401
5	1	Impeller			08-801B
4	1	Axel			01-42866
3	1	Kam			01-42397
2	1	Lock			01-42865
1	1	Pumphus			01-32272

Tolerans där ej annat angives		Bearbetning	Ritning	Ritad	Godkänd	Smst. ritn.
Arbetsmått	Vinklar		Datum	8-1-75		Ämn. nr
			Sign.	HJ		Stycklista nr

JOHNSON PUMP AB
ÖREBRO

Titel: Impellerpump F5B-9

Skala: 1:1

Ritn. nr: 10-42864-1

8-1-75 HJ

Omritad

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F6B-9 Impeller pump
Art. No. 10-13208-01

Part no.	Description GB	Position	Quantity
01-13206-1	BODY F6B-9 (TOYOTA)	1	1
01-46669	SHAFT F6B-9	2	1
01-46556	END COVER F6B-9	3	1
08-812B	IMPELLER F6B-9	4	1
0.2173.475	O-RING 57.6X2.4 SS1586 NBR70	5	1
0.2233.001	LIP SEAL 16X28X7 DPSM	6	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	7	2
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	8	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	9	1
0.0279.301	SCREW M5X8 ISO1207 A4	10	4
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	11	1
01-42862	SPACER S200/500 HD	12	1

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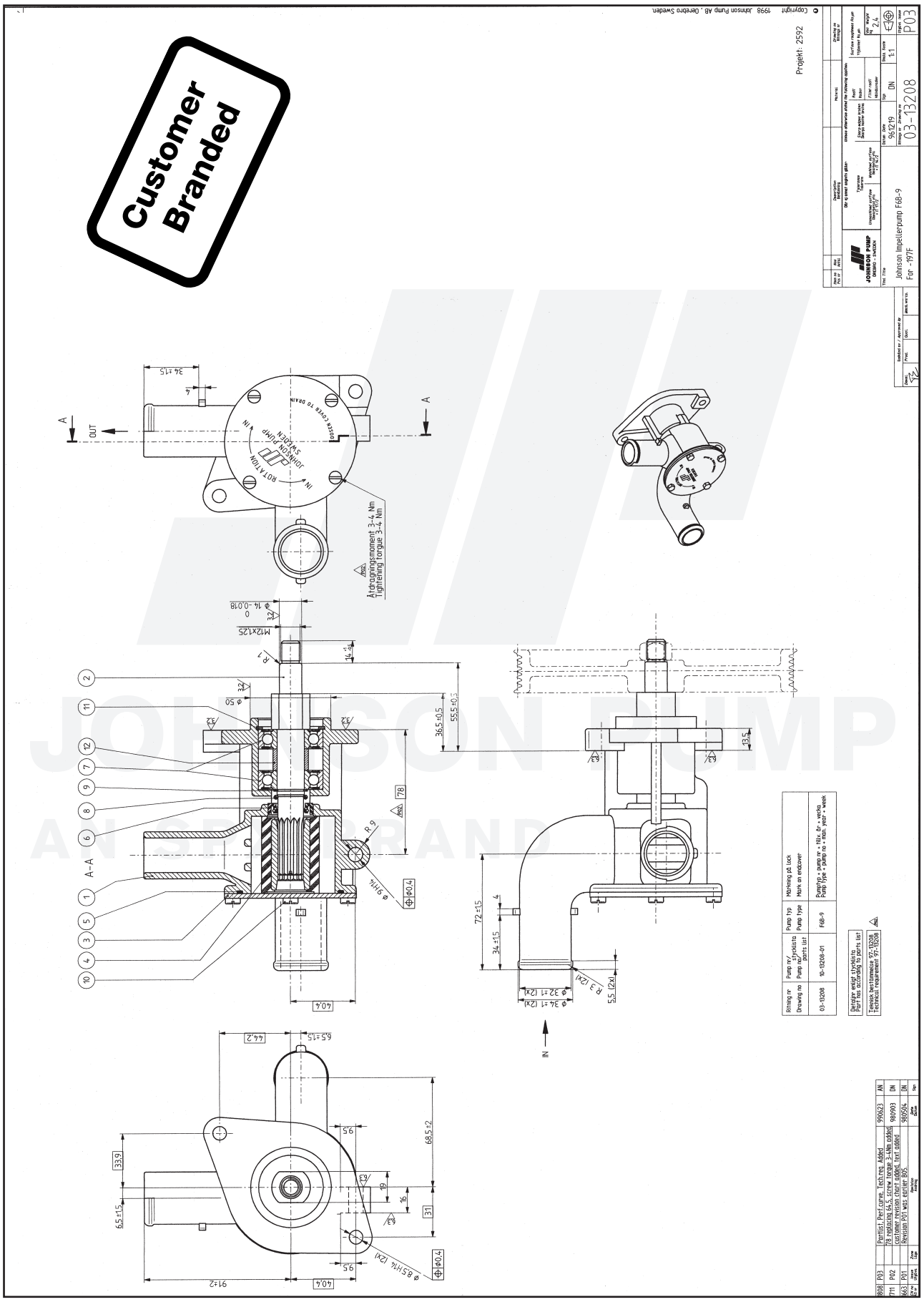
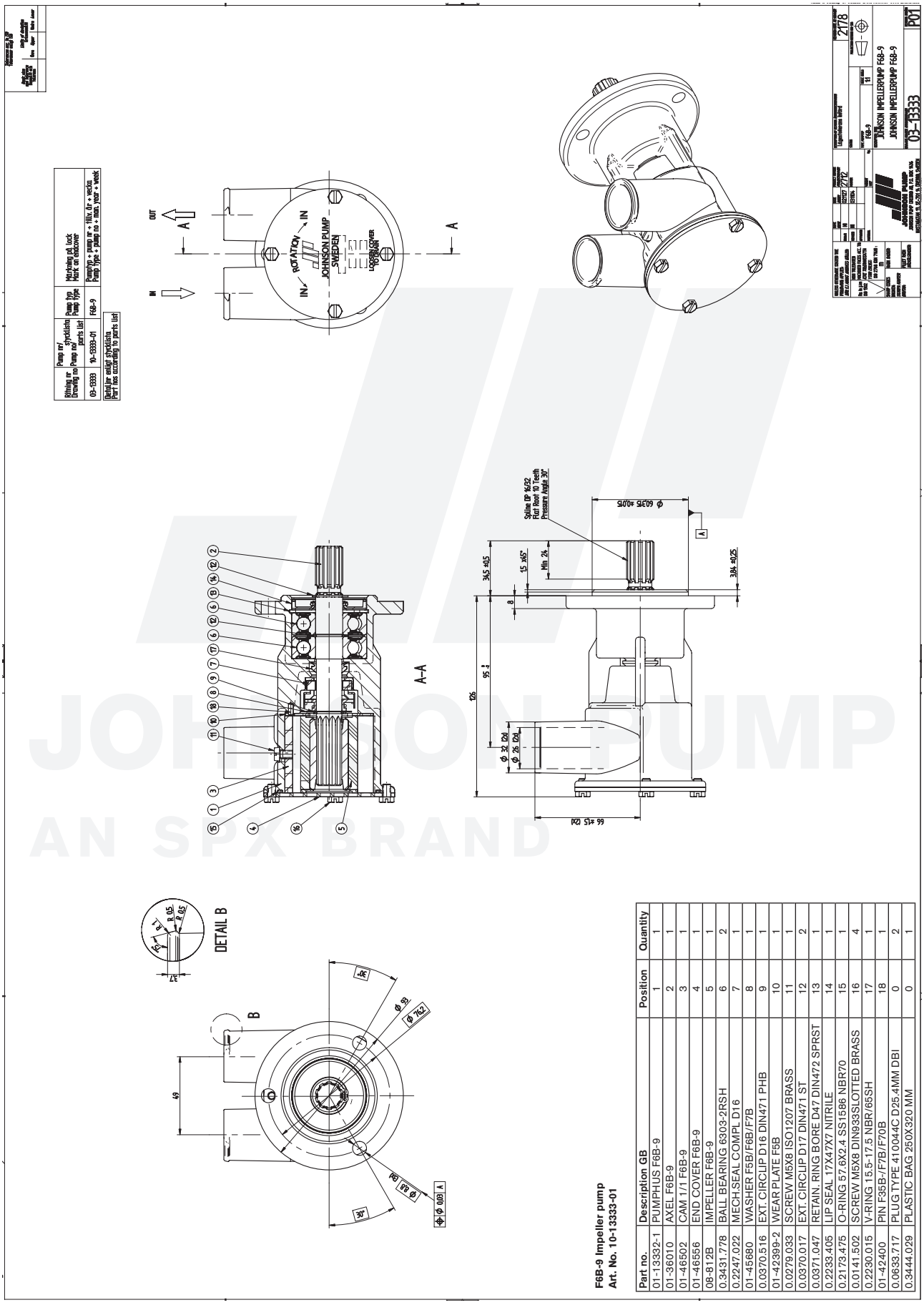


JOHNSON PUMP
ANCHOR BRAND

10-13333 pump F6B-9



F6B-9 Impeller pump
Art. No. 10-13333-01

Part no.	Description GB	Position	Quantity
01-13332-1	PUMPHUS F6B-9	1	1
01-36010	AXEL F6B-9	2	1
01-46502	CAM 1/1 F6B-9	3	1
01-46556	END COVER F6B-9	4	1
08-812B	IMPELLER F6B-9	5	1
0.3431.778	BALL BEARING 6303-2RSH	6	2
0.2247.022	MECH.SEAL COMPL D16	7	1
01-45680	WASHER F5B/F6B/F7B	8	1
0.0370.516	EXT. CIRCLIP D16 DIN471 PHB	9	1
01-42399-2	WEAR PLATE F5B	10	1
0.0279.033	SCREW M5X8 ISO1207 BRASS	11	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	12	2
0.0371.047	RETAIN. RING BORE D47 DIN472 SPRST	13	1
0.2233.405	LIP SEAL 17X47X7 NITRILE	14	1
0.2173.475	O-RING 57.6X2.4 SS1586 NBR70	15	1
0.0141.502	SCREW M5X8 DIN933SLOTTED BRASS	16	4
0.2230.015	V-RING 15.5-17.5 NBR/65SH	17	1
01-42400	PIN F35B-/F7B/F70B	18	1
0.0633.717	PLUG TYPE 410044C D25.4MM DBI	0	2
0.3444.029	PLASTIC BAG 250X320 MM	0	1

JOHNSON PUMP
AN SPX BRAND

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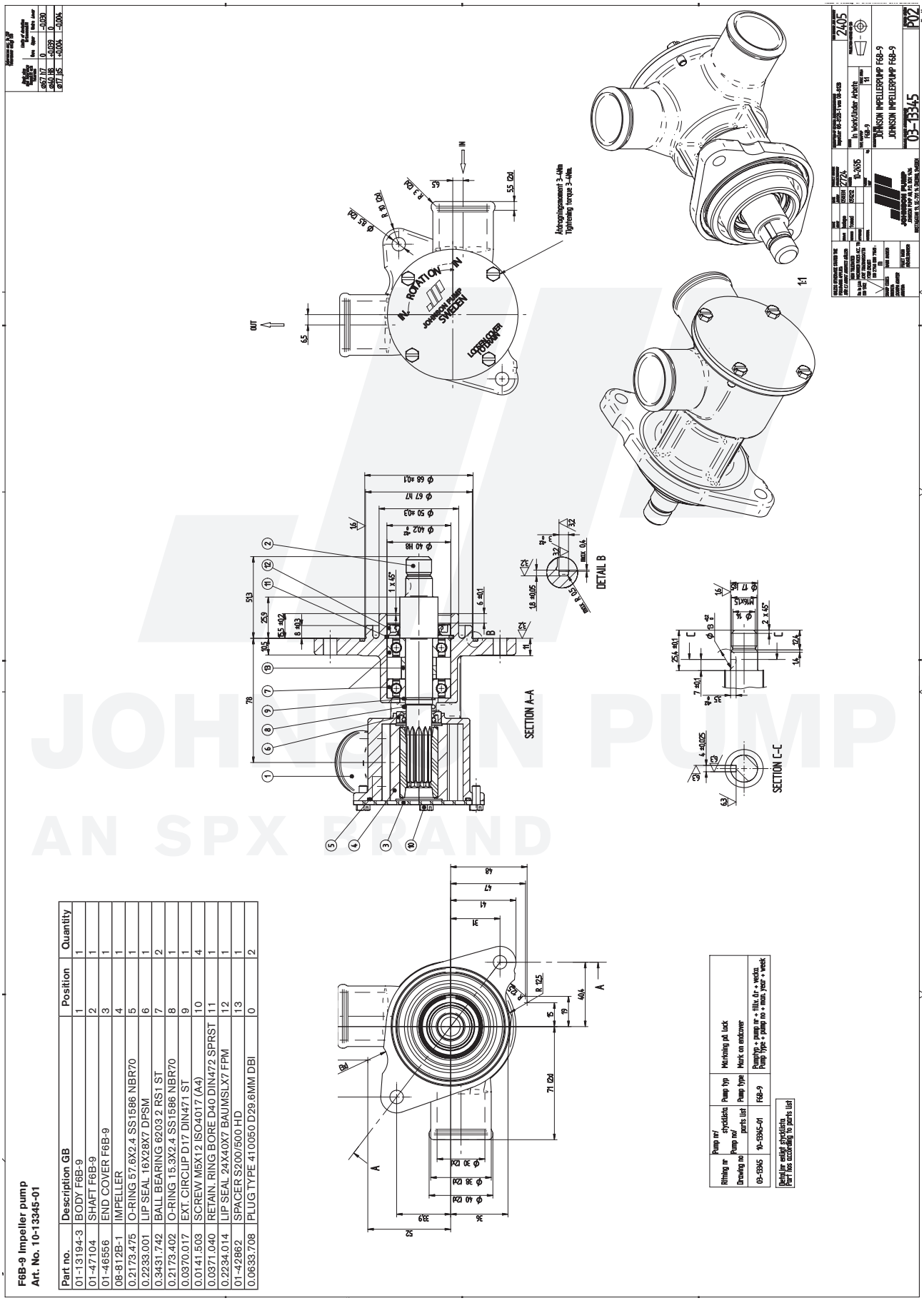
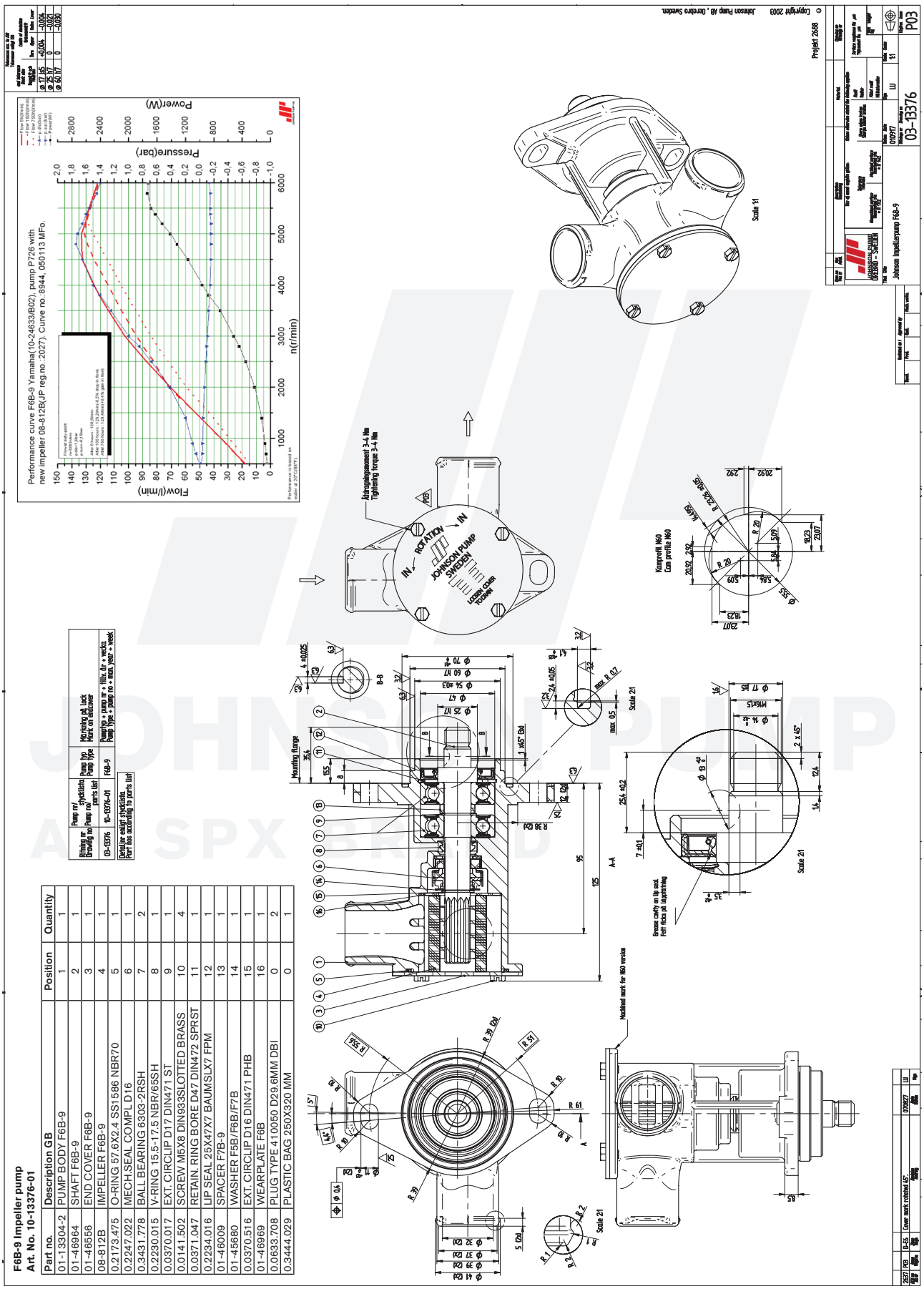


Part no.	Description GB	Position	Quantity
01-13194-3	BODY F6B-9	1	1
01-47104	SHAFT F6B-9	2	1
01-46556	END COVER F6B-9	3	1
08-812B-1	IMPELLER	4	1
0.2173.475	O-RING 57.6X2.4 SS1586 NBR70	5	1
0.2233.001	LIP SEAL 16X28X7 DPSM	6	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	7	2
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	8	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	9	1
0.0141.503	SCREW M5X12 ISO4017 (A4)	10	4
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	11	1
0.2234.014	LIP SEAL 24X40X7 BAUMSLX7 FPM	12	1
01-42862	SPACER S200/500 HD	13	1
0.0633.708	PLUG TYPE 410050 D29.6MM DBI	0	2

JOHNSON PUMP
AN SPX BRAND

10-13376 pump F6B-9



F6B-9 Impeller pump
Art. No. 10-13376-01

Part no.	Description GB	Position	Quantity
01-13304-2	PUMP BODY F6B-9	1	1
01-46964	SHAFT F6B-9	2	1
01-46656	END COVER F6B-9	3	1
08-812B	IMPELLER F6B-9	4	1
0.2173.475	O-RING 57.6X2.4 SS1586 NBR70	5	1
0.2247.022	MECH.SEAL COMPL D16	6	1
0.3431.778	BALL BEARING 6303-2RSH	7	2
0.2230.015	V-RING 15.5-17.5 NBR/65SH	8	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	9	1
0.0141.502	SCREW M5X8 DIN933SLOTTED BRASS	10	4
0.0371.047	RETAIN. RING BORE D47 DIN472 SPRST	11	1
0.2234.016	LIP SEAL 25X47X7 BAUMSLX7 FPM	12	1
01-46009	SPACER F7B-9	13	1
01-45680	WASHER F6B/F6B.IF7B	14	1
0.0370.516	EXT. CIRCLIP D16 DIN471 PHB	15	1
01-46969	WEARPLATE F6B	16	1
0.0633.708	PLUG TYPE 410050 D29.6MM DBI	0	2
0.3444.029	PLASTIC BAG 250X320 MM	0	1

JOHNSON PUMP
A SPX BRAND

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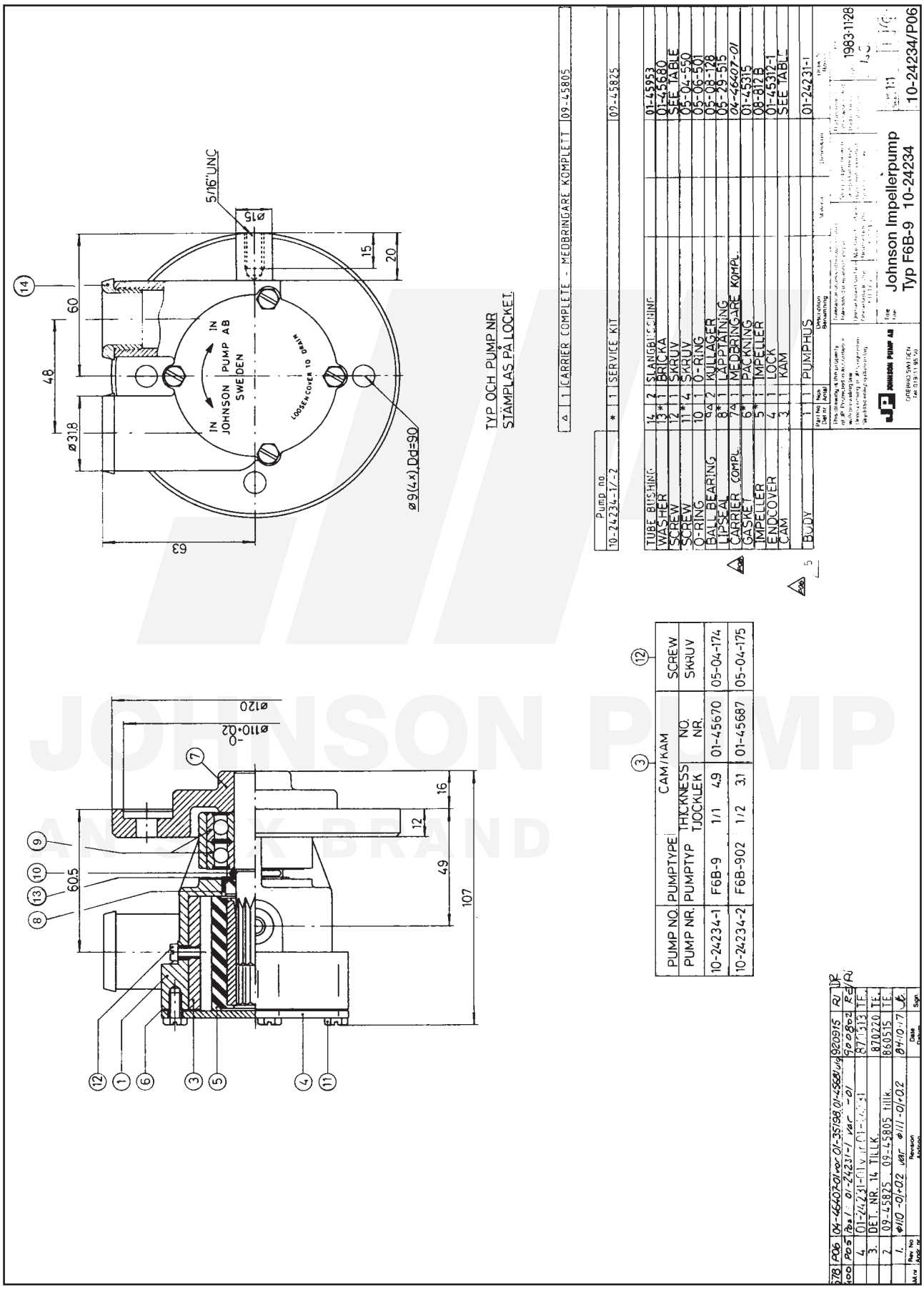

Pump no.
10-24234-1/-2

Pos	Qty	Description	Part No
14	2	SLANGBUSSNING	01-45953
13*	1	BRICKA	01-45680
12	1	SKRUV	SEE TABLE
11*	4	SKRUV	05-04-550
10	1	O-RING	05-06-501
9	2	KULLAGER	05-08-128
8*	1	LÄPPTÄTNING	05-29-515
7	1	MEDBRINGARE KOMPL.	04-46407-01
6*	1	PACKNING	01-45315
5*	1	IMPELLER	08-817 B
4	1	LOCK	01-45312-1
3	1	KAM	SEE TABLE
1	1	PUMPHUS	01-24231-1

△ 1 1 CARRIER COMPLETE - MEDBRINGARE KOMPLETT 09-45805

* 1 1 SERVICE KIT 09-45825

PUMP NO.	PUMPTYPE	CAM/KAM THICKNESS TJOCKLEK	NO. NR.	SCREW SKRUV
PUMP NR.	PUMPTYP			
10-24234-1	F6B-9	1/1 4.9	01-45670	05-04-174
10-24234-2	F6B-902	1/2 3.1	01-45687	05-04-175

Rev No	Revision	Date	Sign
1.	ø110 -0/+02 var ø111 -0/+02	94-10-17	
2	09-45825 09-45805 tillk.	860515	TE
3.	DET. NR. 14 TILLK.	870220	TE
4	01-24231-1 tillverkas	871113	TE
	Pos / 01-24231-1 var -01	920802	RJ
	04-46407-01 var 01-35788 01-45681 utg	920915	RJ

JOHNSON PUMP
ANCHOR BRAND

F6B-9 Impeller pump
Art. No. 10-24412-02

Part No.	Description GB	Position	Quantity
01-24411-1	Body	1	1
01-46268	Shaft	2	1
01-45670	Cam	3	1
01-45312-1	Endcover	4	1
08-812B	Impeller	5	1
01-45315	Gasket	6	1
05-29-105	Lipseal	7	2
05-08-511	Ball bearing	8	2
05-06-501	O-ring	9	1
05-34-107	Retaining ring	10	1
05-04-550	Screw	11	4
05-04-174	screw	12	1
05-34-507	Retaining ring	13	1
01-45181	Washer	14	1

JOHNSON PUMP
AN SPX BRAND

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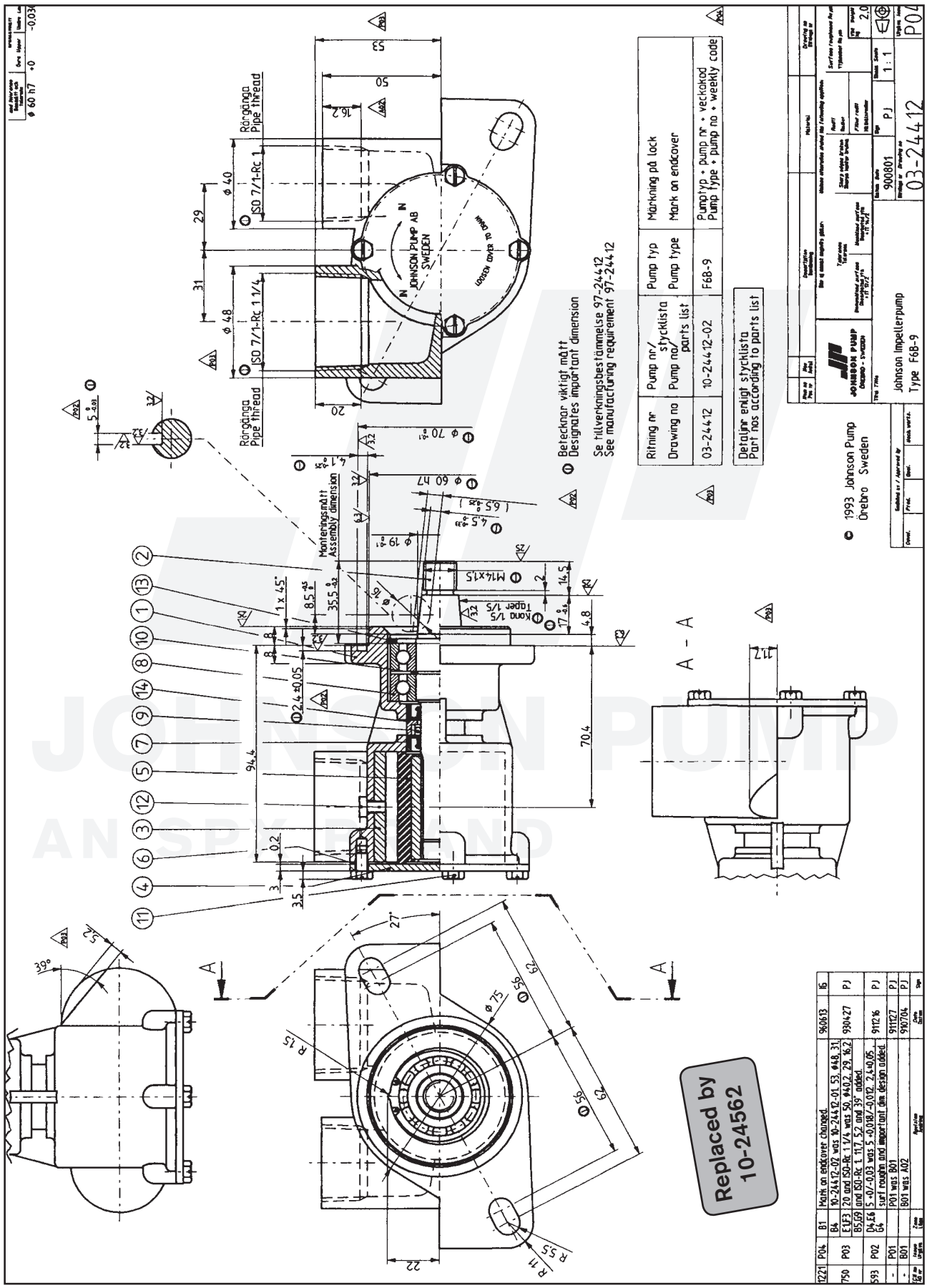

JOHNSON PUMP
AN SPX BRAND

F6B-9 Impeller pump
Art. No. 10-24493-01

Part. No	Description GB	Position	Quantity
01-24491-1	BODY F6B-9	1	1
01-24492-1	HOSE CONNECTION F6B-9	2	1
01-46535	ENDCOVER F5B/6B	3	1
0.2173.475	O-RING 57.6X2.4 SS1586 NBR70	4	1
01-46268-2	SHAFT F6B-9	5	1
01-46502	CAM 1/1 F6B-9	6	1
01-45181	WASHER F5/F7B-9	7	1
0.0353.309	SPRINGWASH D8.2 DIN127 STZN	8	4
0.0279.033	SCREW M5X8 ISO1207 BRASS	9	1
0.0142.602	TAP BOLT M8X70 DIN931 8.8ZN	10	2
0.0141.502	SCREW M5X8 DIN933SLOTTED BRASS	11	4
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	12	1
0.3431.444	BALL BEARING 6004 ST	13	2
0.2233.001	LIP SEAL 16X28X7 DPSM	14	2
0.0370.020	RETAIN. RING SHAFT D20 DIN471 SPRST	15	1
0.0371.042	RETAIN. RING BORE D42 DIN472 SPRST	16	1
08-812B	IMPELLER F6B-9	17	1
0.0142.601	TAP BOLT M8X60 DIN931 8.8ZN	18	2
19-11978742570	GASKET (YANMAR)	19	1

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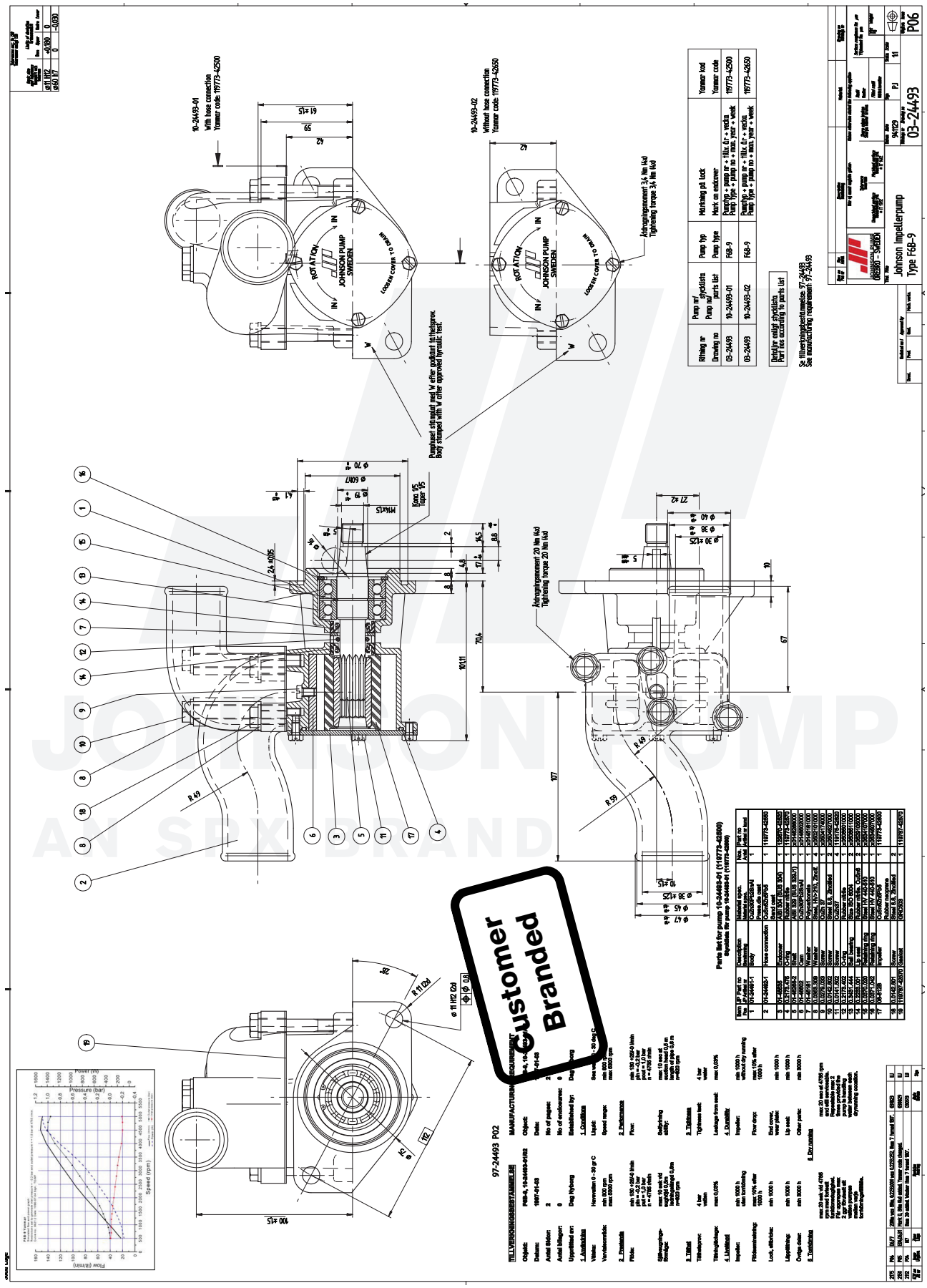

JOHNSON PUMP
AN SPX BRAND

F6B-9 Impeller pump
Art. No. 10-24515-01

Part. No.	Description GB	Position	Quantity
01-13194-2	BODY F6B-9	1	1
01-46596	SHAFT F6B-9	2	1
01-46556	END COVER F6B-9	3	1
08-812B-1	IMPELLER	4	1
0.2173.475	O-RING 57.6X2.4 SS1586 NBR70	5	1
0.2233.001	LIP SEAL 16X28X7 DPSM	6	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	7	2
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	8	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	9	1
0.0141.503	SCREW M5X12 ISO4017 (A4)	10	4
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	11	1
0.2234.014	LIP SEAL 24X40X7 BAUMSLX7 FPM	12	1
01-42862	SPACER S200/500 HD	13	1

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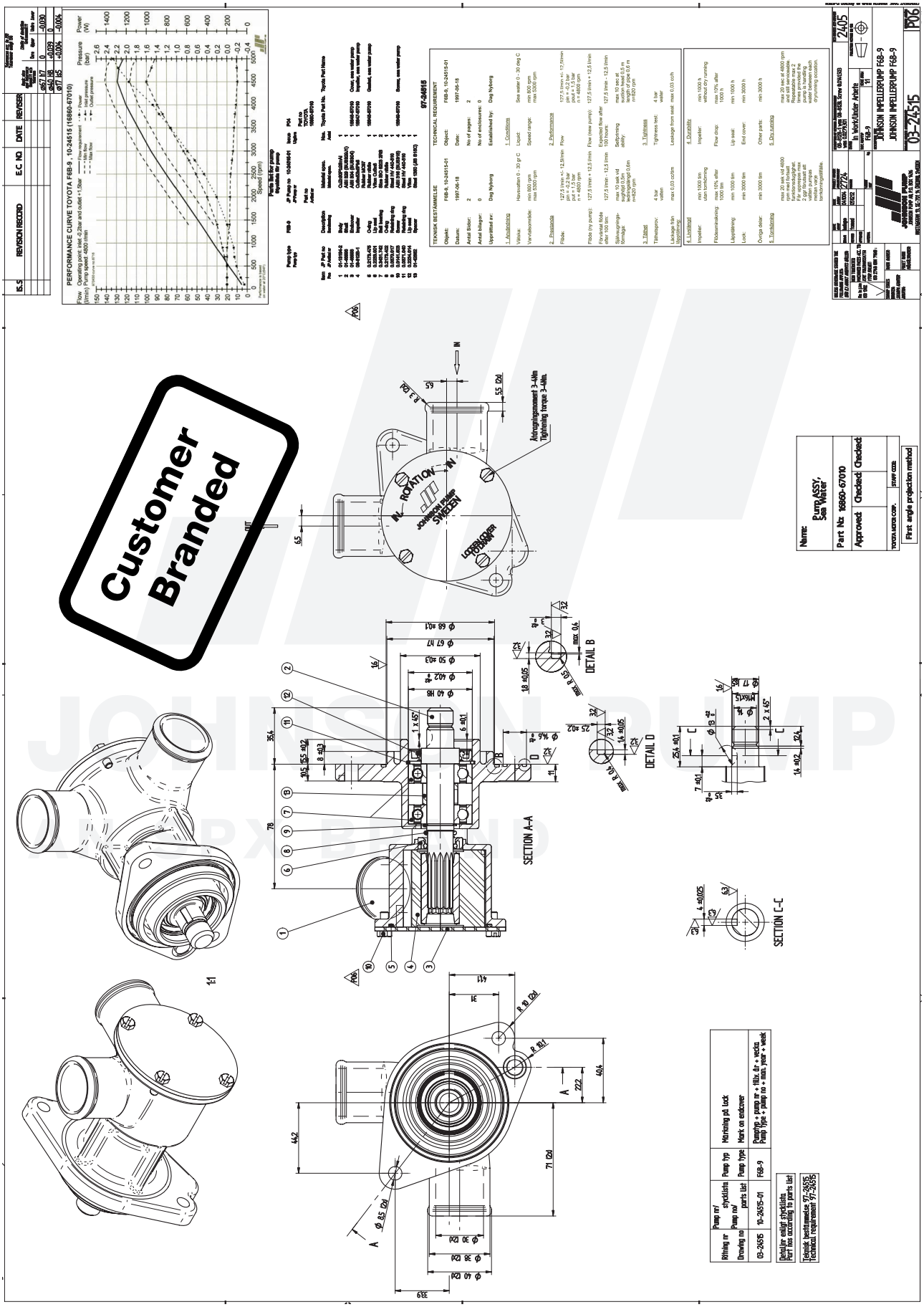

JOHNSON PUMP
A SPX BRAND

F6B-9 Impeller pump
Art. No. 10-24562-01

Part no.	Description GB	Position	Quantity
01-24561-1	BODY F6B-9	1	1
01-46268	SHAFT F6B	2	1
01-45670	CAM 1/1 F6B-9	3	1
01-46723	END COVER F6B-9	4	1
08-812B	IMPELLER F6B-9	5	1
0.2173.475	O-RING 57.6X2.4 SS1586 NBR70	6	1
0.2233.001	LIP SEAL 16X28X7 DPSM	7	2
0.3431.444	BALL BEARING 6004 ST	8	2
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	9	1
0.0370.020	EXT. CIRCLIP D20 DIN471 ST	10	1
0.0141.502	SCREW M5X8 DIN933SLOTTED BRASS	11	4
0.0279.033	SCREW M5X8 ISO1207 BRASS	12	1
0.0371.042	RETAIN. RING BORE D42 DIN472 SPRST	13	1
01-45181	WASHER F5/F7B-9	14	1

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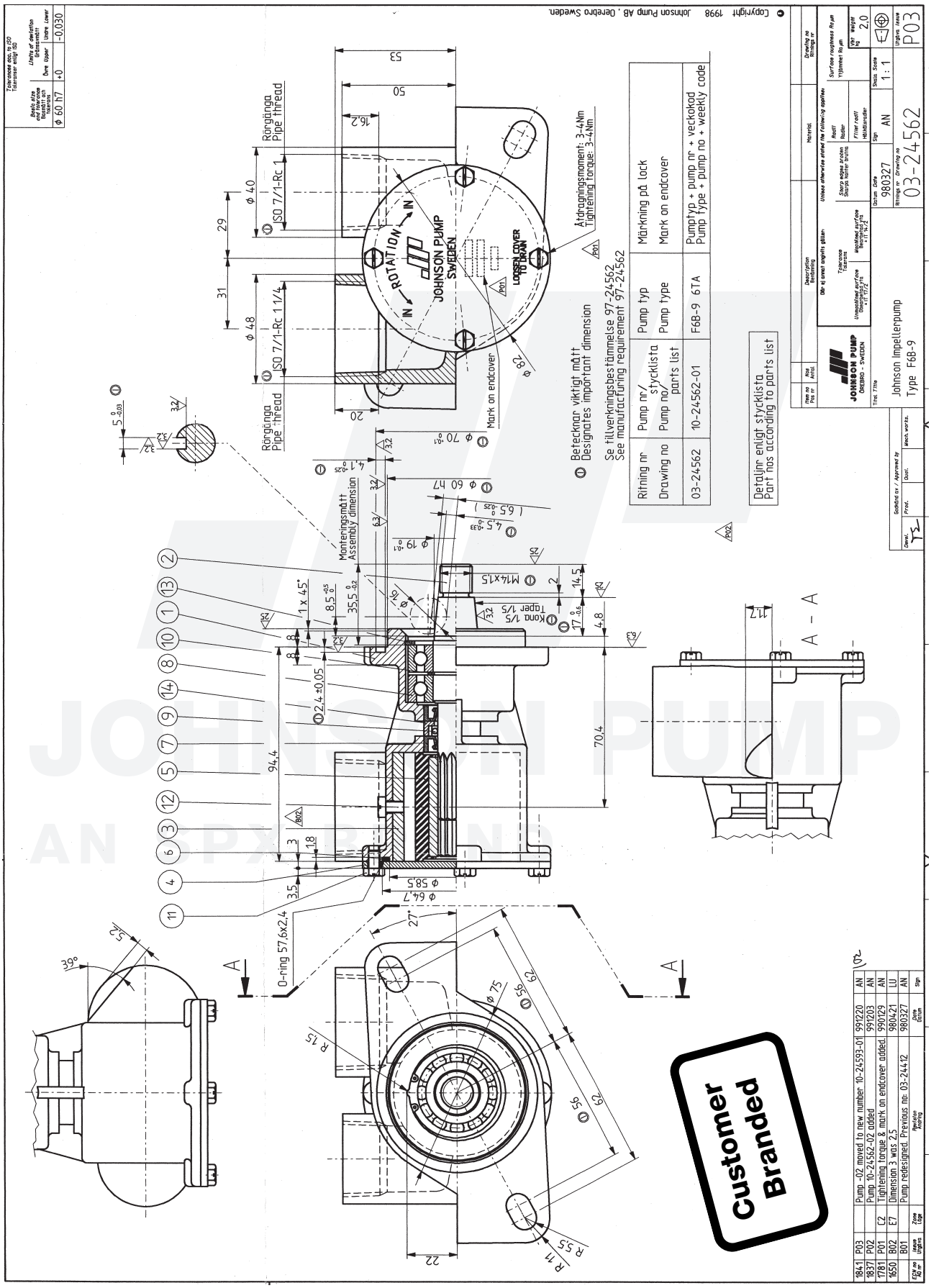
JOHNSON PUMP
SWEDEN
ROTATION
IN
LOOSEN COVER TO DRAIN
Rörgänga
Pipe thread
SO 7/1-Rc 1
SO 7/1-Rc 1 1/4
Mark on endcover
Märkning på lock
Mark on endcover
Pumptyp + pump nr + veckokod
Pump type + pump no + weekly code
Pump typ
Pump type
Pump nr/ stycklista
Pump no/ parts list
Ritning nr
Drawing no
03-24562
10-24562-01
F6B-9 6TA
Åtdragningsmoment: 3-4Nm
Tightening torque: 3-4Nm
Se tillverkningsbestämmelse 97-24562
See manufacturing requirement 97-24562
Beteckn viktigt mått
Designates important dimension
Detaljnr enligt stycklista
Part nos according to parts list
Monteringsmått
Assembly dimension
Konad 1/5
Taper 1/5
M14x1,5
O-ring 57,6x2,4
Johnson Impellerpump
Type F6B-9
JOHNSON PUMP
ÖREBRO - SWEDEN
A - A
Customer Branded

F6B-9 Impeller pump
Art. No. 10-24563-01

Part no.	Description GB	Position	Quantity
01-24561-1	BODY F6B-9	1	1
01-35697	SHAFT F6B-9	2	1
01-45670	CAM 1/1 F6B-9	3	1
01-46723	END COVER F6B-9	4	1
08-812B	IMPELLER F6B-9	5	1
0.2173.475	O-RING 57.6X2.4 SS1586 NBR70	6	1
0.2233.001	LIP SEAL 16X28X7 DPSM	7	2
0.3431.444	BALL BEARING 6004 ST	8	2
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	9	1
0.0370.020	EXT. CIRCLIP D20 DIN471 ST	10	1
0.0141.502	SCREW M5X8 DIN933SLOTTED BRASS	11	4
0.0279.033	98145,451	12	1
98145,451	RETAIN. RING BORE D42 DIN472 SPRST	13	1
01-45181	WASHER F5/F7B-9	14	1

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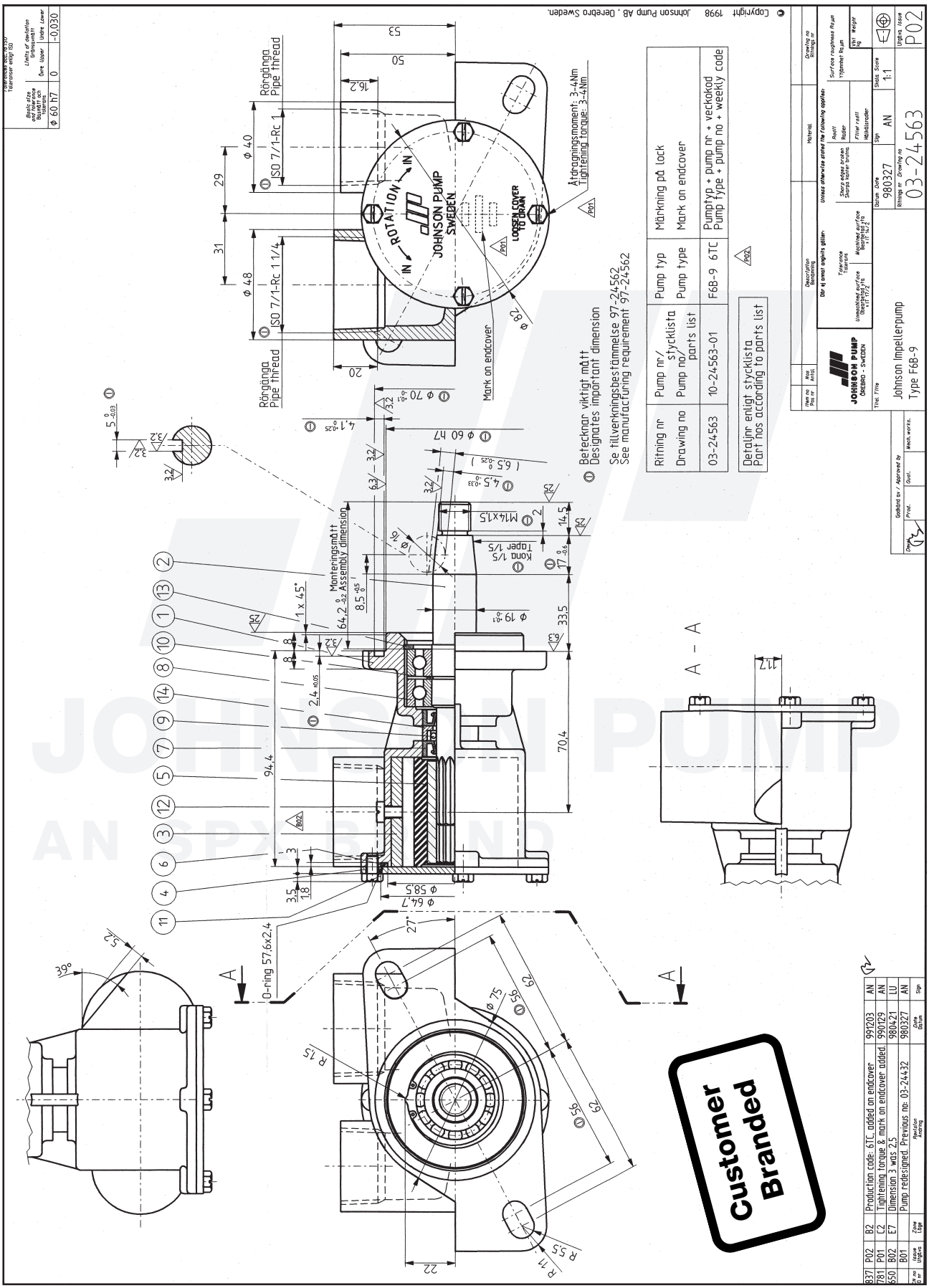
Copyright 1998 Johnson Pump AB, Örebro Sweden.
JOHNSON PUMP SWEDEN
ROTATION
LOOSEN COVER TO DRAIN
Mark on endcover
Pipe thread
Tightening torque: 3-4Nm
Assembly dimension
Taper 1/5
Designates important dimension
See manufacturing requirement 97-24562
Pump type
Mark on endcover
Pump type + pump no + weekly code
Part nos according to parts list
Johnson Impellerpump
Type F6B-9
Customer Branded
A - A
O-ring 57.6x2.4
JOHNSON PUMP
AN SPX BRAND

F6B-9 Impeler pump
Art. No. 10-24593-01

Part. No.	Description GB	Position	Quantity
01-24561-1	BODY F6B-9	1	1
01-46268	SHAFT F6B	2	1
01-45670	CAM 1/1 F6B-9	3	1
01-46723	END COVER F6B-9	4	1
08-812B	IMPELLER F6B-9	5	1
0.2173.475	O-RING 57.6X2.4 SS1586 NBR70	6	1
0.2233.001	LIP SEAL 16X28X7 DPSM	7	2
05-08-520	BALL BEARING 6004-2RS1	8	2
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	9	1
0.0370.020	EXT. CIRCLIP D20 DIN471 ST	10	1
0.0141.502	SCREW M5X8 DIN933SLOTTED BRASS	11	4
0.0279.033	SCREW M5X8 ISO1207 BRASS	12	1
0.0371.042	RETAIN. RING BORE D42 DIN472 SPRST	13	1
01-45181	WASHER F5/F7B-9	14	1

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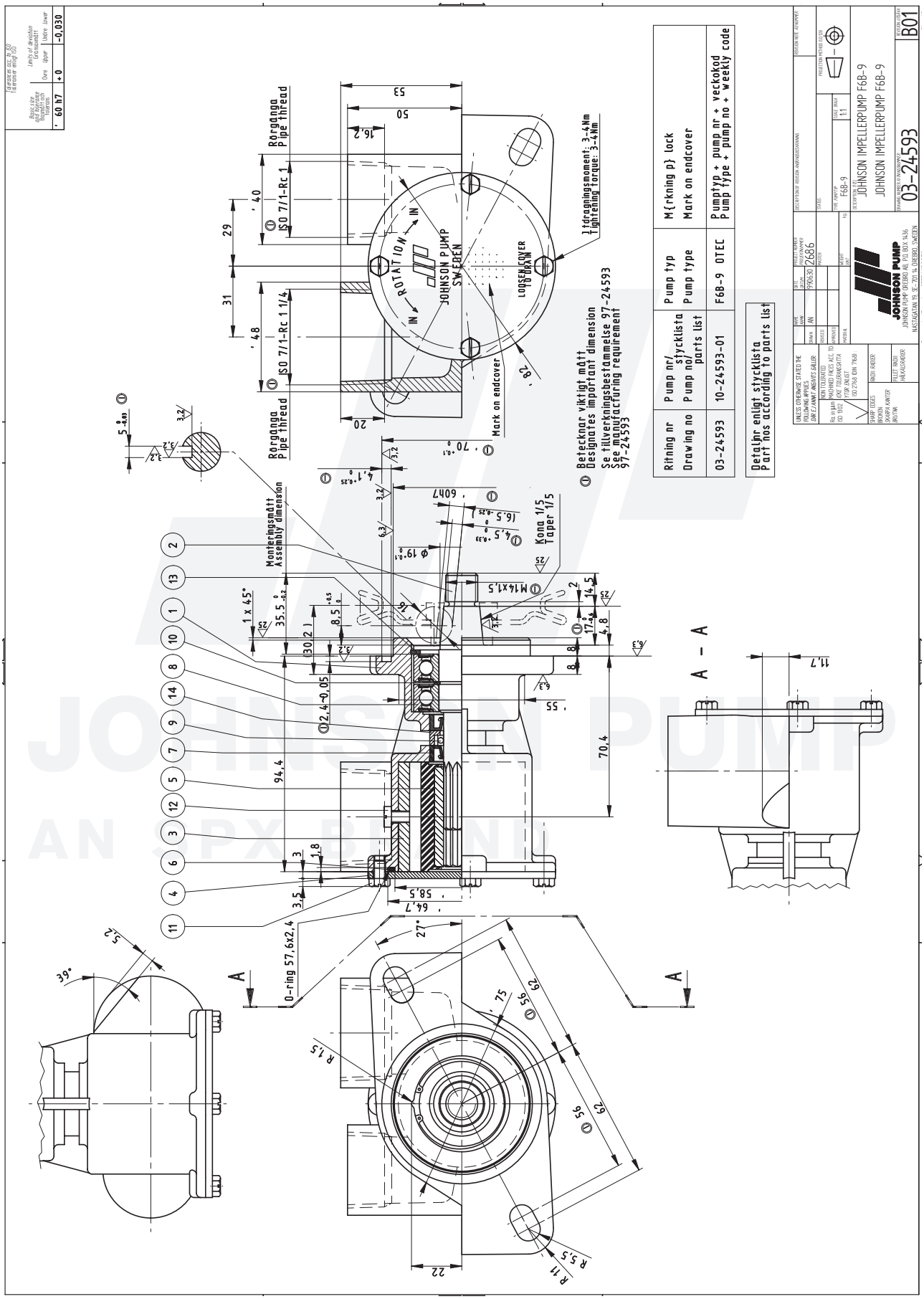

JOHNSON PUMP
AN SPX BRAND

F6B-9 Impeller pump
Art. No. 10-24633-01

Part. No.	Description GB	Position	Quantity
01-13304-1	PUMP BODY F6B-9	1	1
01-46964	SHAFT F6B-9	2	1
01-46556	END COVER F6B-9	3	1
08-812B	IMPELLER F6B-9	4	1
0.2173.475	O-RING 57.6X2.4 SS1586 NBR70	5	1
0.2247.022	MECH.SEAL COMPL D16	6	1
0.3431.778	BALL BEARING 6303-2RSH	7	2
0.2230.015	V-RING 15.5-17.5 NBR/65SH	8	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	9	1
0.0141.502	SCREW M5X8 DIN933SLOTTED BRASS	10	4
0.0371.047	RETAIN. RING BORE D47 DIN472 SPRST	11	1
0.2234.016	LIP SEAL 25X47X7 BAUMSLX7 FPM	12	1
01-46009	SPACER F7B-9	13	1
01-45680	WASHER F5B/F6B/F7B	14	1
0.0370.516	EXT. CIRCLIP D16 DIN471 PHB	15	1
01-46969	WEARPLATE F6B	16	1
0.0633.708	PLUG TYPE 410050 D29.6MM DBI	0	2
0.3444.029	PLASTIC BAG 250X320 MM	0	1

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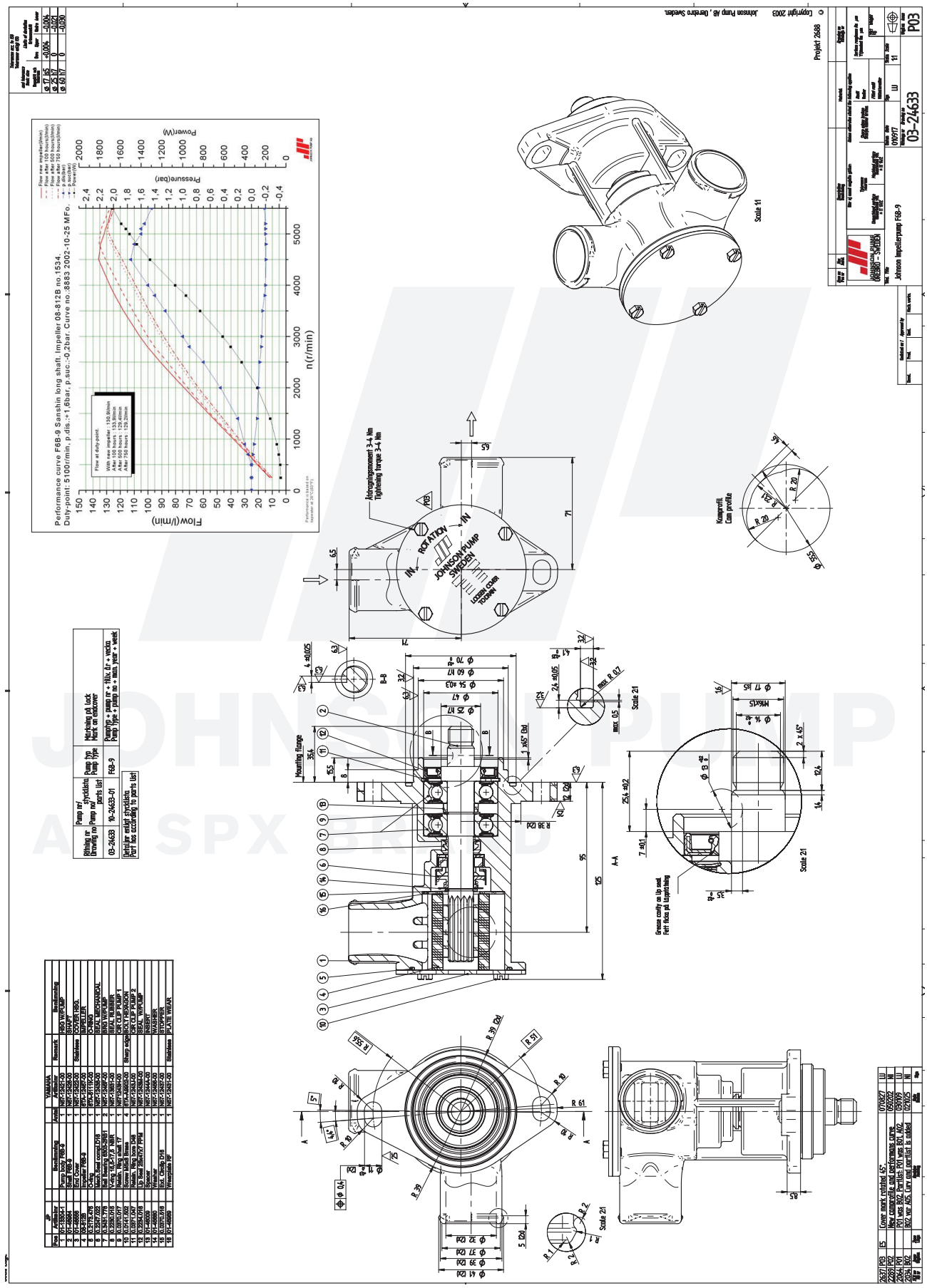

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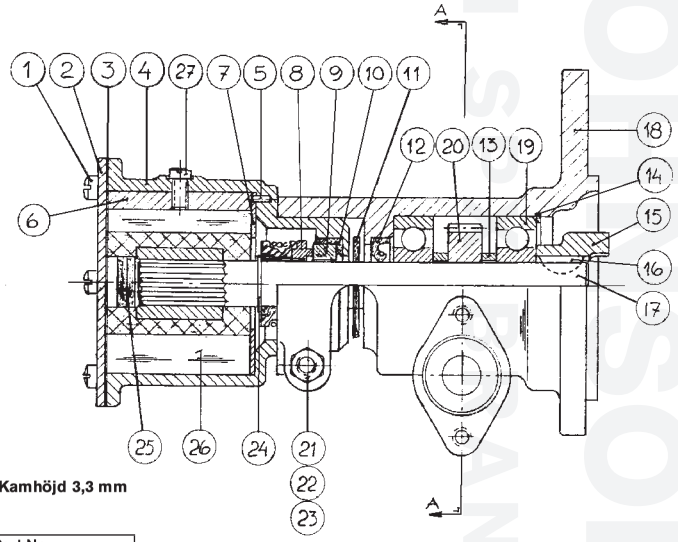
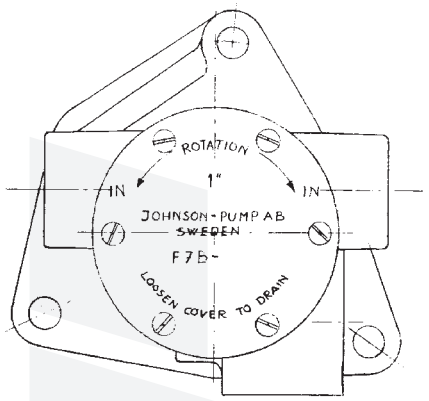
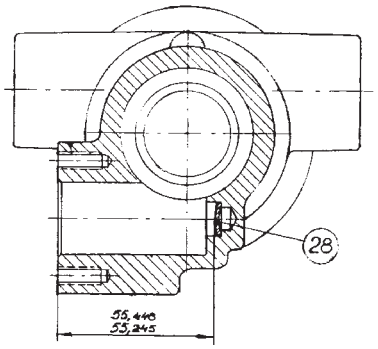
	1	JM-beteckn. & std.detalj införd		PH
5	2	Detalj nr 16 har ändr. beteckn.	30-10-68	AH
	3	-nr reviderade	8-4-69	AH
16	4	Pumpbeteckn. reviderad	4.11.70	PS
	5	Nytt nummersystem infört	72.10.23	PT
	6	Nummersystem ändrat	28-1-75	HJ
	7	Det.nr 28, VArt:940906 var 965920		
	8	Det.nr 13, antal ändr. fr. 1 till 2	7.5.76	OJ







F7B-902 Impeller pump Kamhöjd 3,3 mm
Art. No. 10-11236-3

Position	Quantity	Part No
1	6	05-04-117
2	1	01-42441
3	1	01-42585
4	1	01-21862-1
5	1	01-42400
6	1	01-42584
7	1	01-42443
8	1	
9	1	05-20-115
10	1	
11	1	01-42402
12	1	05-29-125
13	2	01-42537
14	1	05-34-117
15	1	01-42538
16	1	01-42697
17	1	01-42536
18	1	01-11229
19	2	8/21/05
20	1	07-817766
21	1	05-04-105
22	1	05-05-115
23	1	05-01-115
24	1	05-34-105
25	2	01-42446
26	1	08-1028B
27	1	05-04-125
28	1	07-420143

F7B-903 Impeller pump Kamhöjd 4,7 mm
Art. No. 10-11236-2

Position	Quantity	Part No
1	6	05-04-117
2	1	01-42441
3	1	01-42445
4	1	01-21862-1
5	1	01-42400
6	1	01-42442
7	1	01-42443
8	1	
9	1	05-20-115
10	1	
11	1	01-42402
12	1	05-29-125
13	2	01-42537
14	1	05-34-117
15	1	01-42538
16	1	01-42697
17	1	01-42536
18	1	01-11229
19	2	8/21/05
20	1	07-817766
21	1	05-04-105
22	1	05-05-115
23	1	05-01-115
24	1	05-34-105
25	2	01-42446
26	1	08-1028B
27	1	05-04-144
28	1	07-420143

OBS!
Pumphusets (det. 4) anslutningsportar skall vara gängade med 1"–11½ NPSF

Detalj nr	Antal	Benämning	Material	Dimension	Anm. el. rit. nr	
Tolerans där ej annat angivet			Ritning	Ritad	Godkänd	Smid. rit.
Arbetsmått	Vinklar	Bearbetning	Datum	27-10-67		Ers. rit.
			Sign.	PH		Stycklista nr
Johnson Metall		Titel	Impellerpump F7B-9 (1"P)		Skala 1:1	10-11236

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F7B-9 Impeller pump
Art. No 10-13374-1

Part. No.	Description GB	Position	Quantity
01-13375	PUMP BODY F7B-9 ECS	1	1
08-1028B	IMPELLER	2	1
01-24674	BEARING HOUSE ECS	3	1
01-36058	SHAFT F7B-9	4	1
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	5	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	7	2
01-47147	SPACER	8	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	9	1
0.0252.030	ALLEN SCREW M8X12 DIN 912	10	4
0.2230.015	V-RING 15.5-17.5 NBR/65SH	11	1
0.2247.022	MECH.SEAL COMPL D16	12	1
01-45680	WASHER F5B/F6B/F7B	13	1
0.0370.516	EXT. CIRCLIP D16 DIN471 PHB	14	1
0.2172.012	O-RING 63,22X1,78 NBR70	15	1
01-24675	PULLEY ECS	16	1

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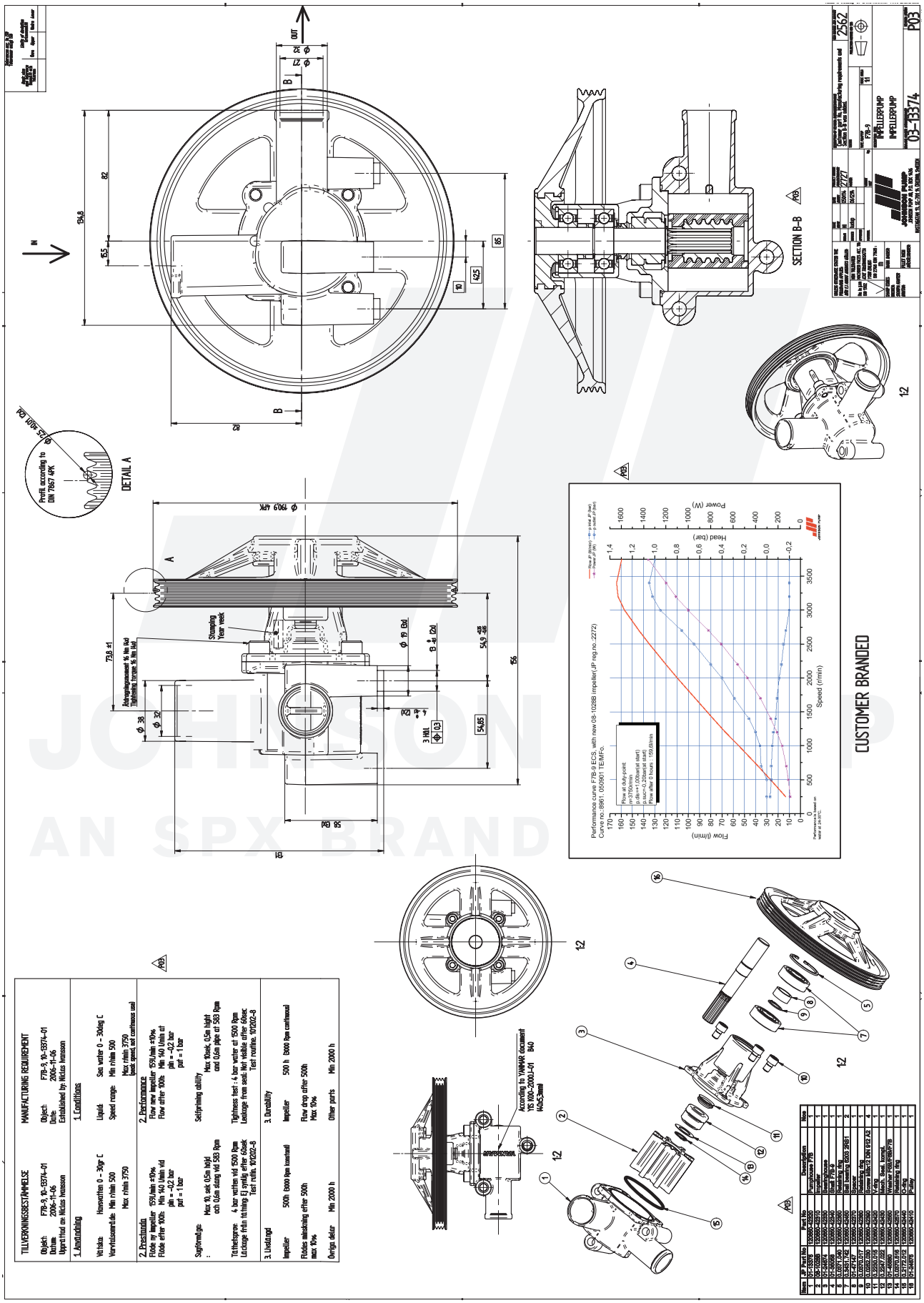

JOHNSON PUMP
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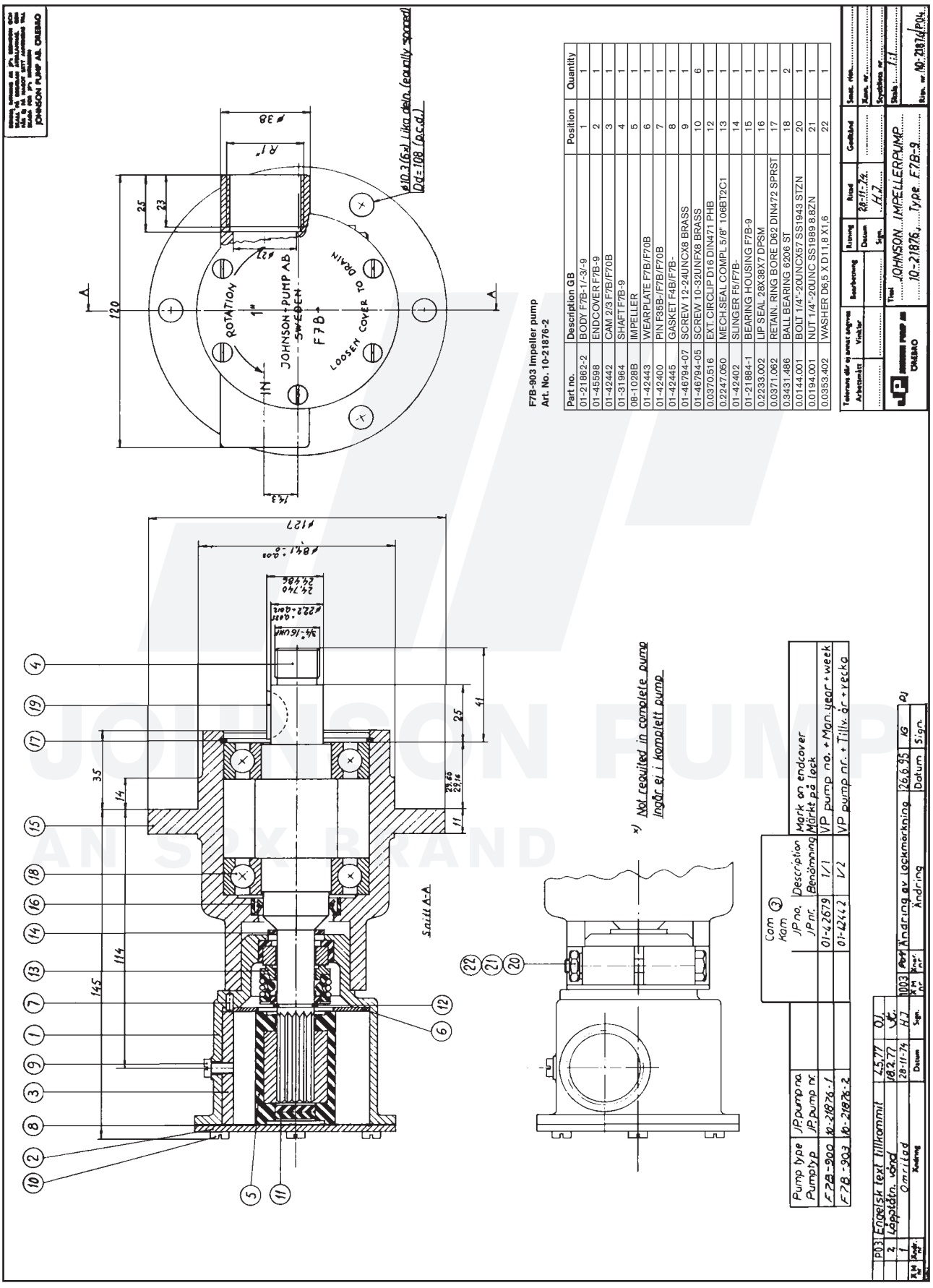
10-21876 pump F7B-9



F7B-903 Impeller pump
Art. No. 10-21876-2

Part no.	Description GB	Position	Quantity
01-21862-2	BODY F7B-1/-3/-9	1	1
01-45598	ENDCOVER F7B-9	2	1
01-42442	CAM 2/3 F7B/F70B	3	1
01-31964	SHAFT F7B-9	4	1
08-1028B	IMPELLER	5	1
01-42443	WEARPLATE F7B/F70B	6	1
01-42400	PIN F35B-/F7B/F70B	7	1
01-42445	GASKET F4B/F7B-	8	1
01-46794-07	SCREW 12-24UNCX8 BRASS	9	1
01-46794-05	SCREW 10-32UNFX8 BRASS	10	6
0.0370.516	EXT.CIRCLIP D16 DIN471 PHB	12	1
0.2247.050	MECH.SEAL COMPL 5/8" 106BT2C1	13	1
01-42402	SLINGER F5/F7B-	14	1
01-21884-1	BEARING HOUSING F7B-9	15	1
0.2233.002	LIP SEAL 28X38X7 DPSM	16	1
0.0371.062	RETAIN. RING BORE D62 DIN472 SPRST	17	1
0.3431.486	BALL BEARING 6206 ST	18	2
0.0144.001	BOLT 1/4"-20UNCX57 SS1943 STZN	20	1
0.0194.001	NUT 1/4"-20UNC SS1989 8.8ZN	21	1
0.0353.402	WASHER D6,5 X D11,8 X1,6	22	1

Pump type / Pumptyp	JP pump no. / JP pump nr.	Description / Benämning	Change / Ändring
F2B-900	10-21876-1	1/1	01-42679
F7B-903	10-21876-2	1/2	01-42442

Ant.	Modif.	Ändring	Datum	Sign.
1	Omritad	28-11-74	H.J	
2	Lappstn. vänd	18.2.77	J.K.	
P03	Engelsk text tillkommit	4.5.77	O.J.	
1003	Ändring av lackmarkning	26.6.95	KG	PJ

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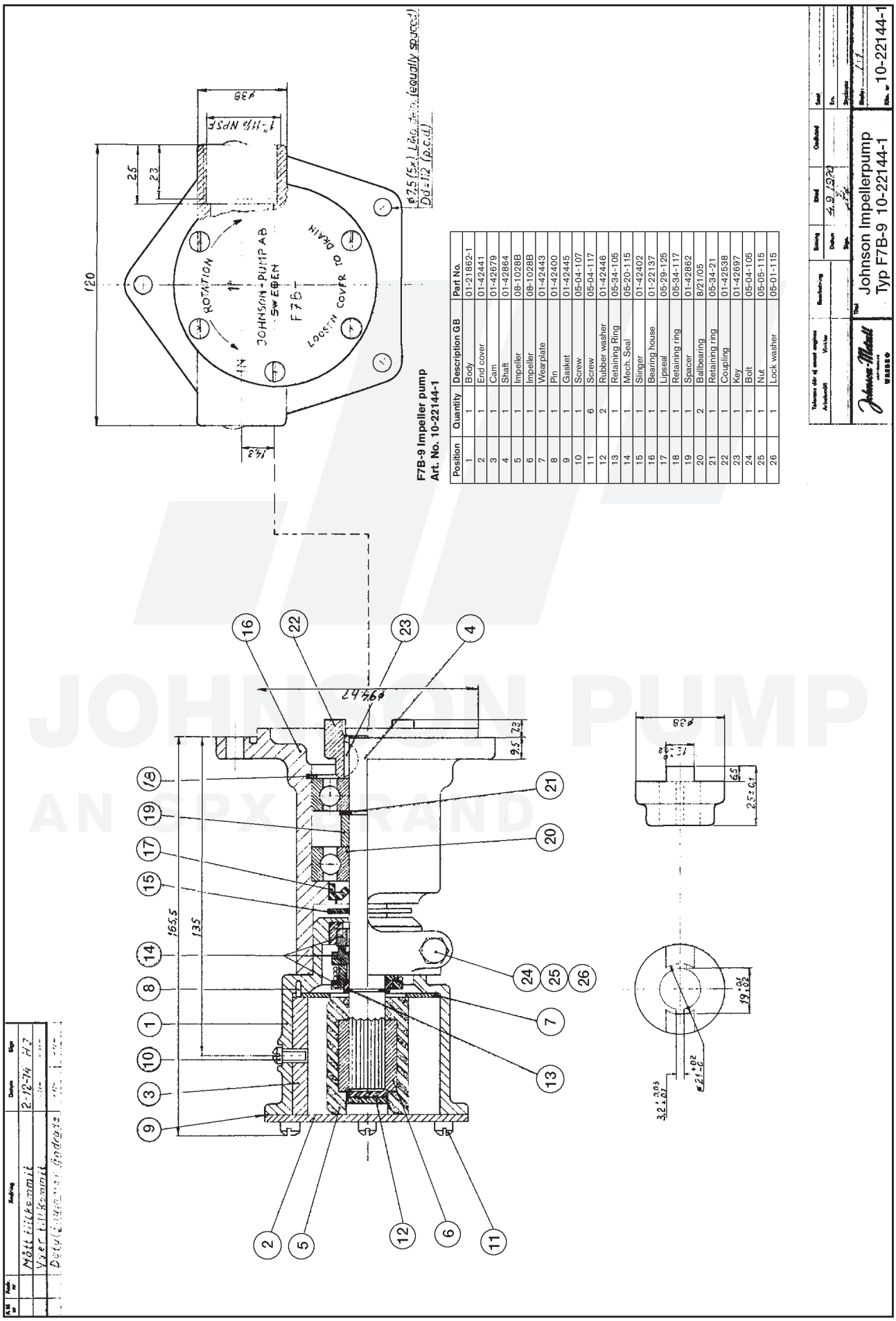

Position	Quantity	Description GB	Part No.
1	1	Body	01-21862-1
2	1	End cover	01-42441
3	1	Cam	01-42679
4	1	Shaft	01-42864
5	1	Impeller	08-1028B
6	1	Impeller	08-1028B
7	1	Wearplate	01-42443
8	1	Pin	01-42400
9	1	Gasket	01-42445
10	1	Screw	05-04-107
11	6	Screw	05-04-117
12	2	Rubber washer	01-42446
13	1	Retaining Ring	05-34-105
14	1	Mech. Seal	05-20-115
15	1	Slinger	01-42402
16	1	Bearing house	01-22137
17	1	Lipseal	05-29-125
18	1	Retaining ring	05-34-117
19	1	Spacer	01-42862
20	2	Ballbearing	8/21/05
21	1	Retaining ring	05-34-21
22	1	Coupling	01-42538
23	1	Key	01-42697
24	1	Bolt	05-04-105
25	1	Nut	05-05-115
26	1	Lock washer	05-01-115

JOHNSON PUMP
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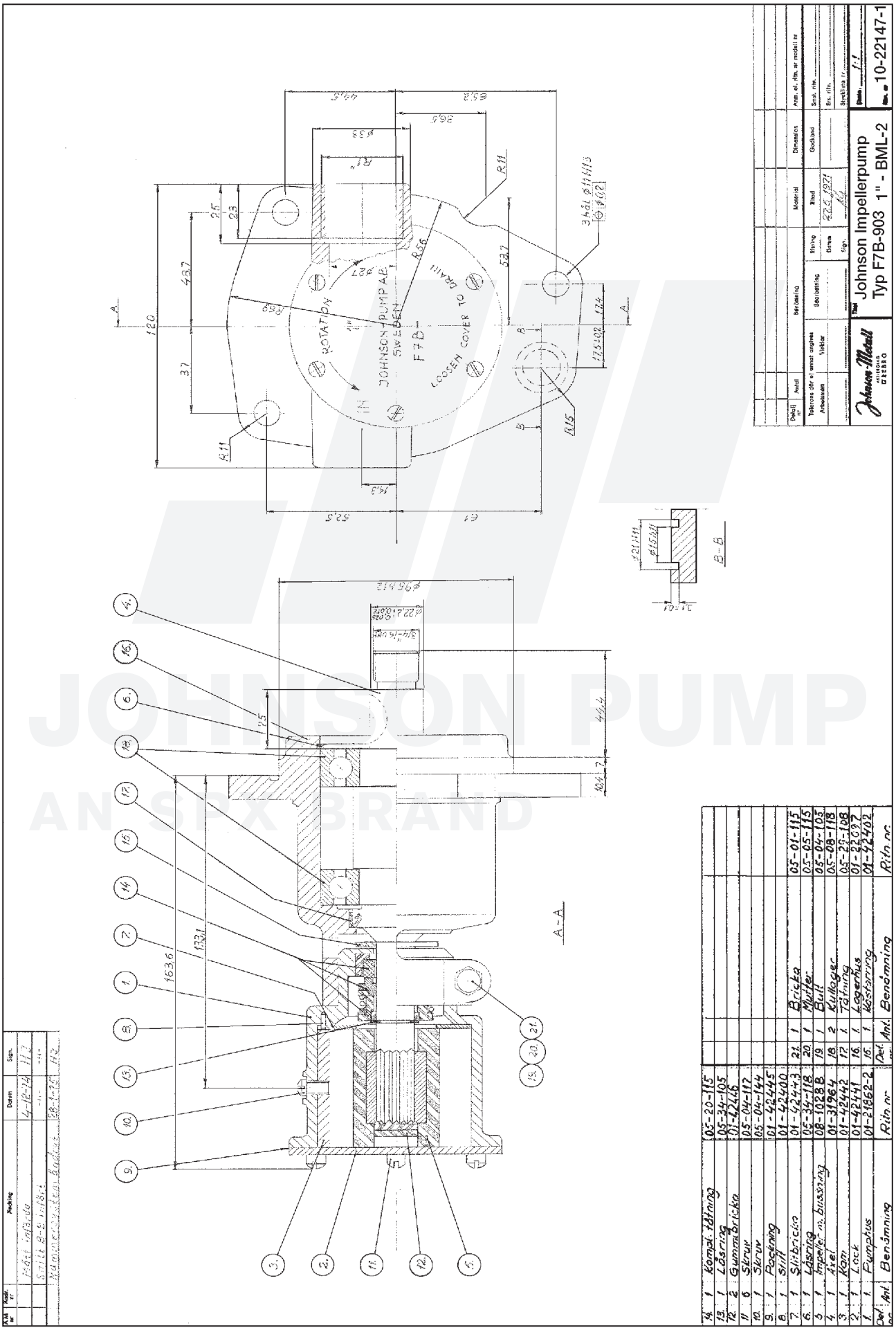
10-22147 pump F7B-903



JOHNSON PUMP
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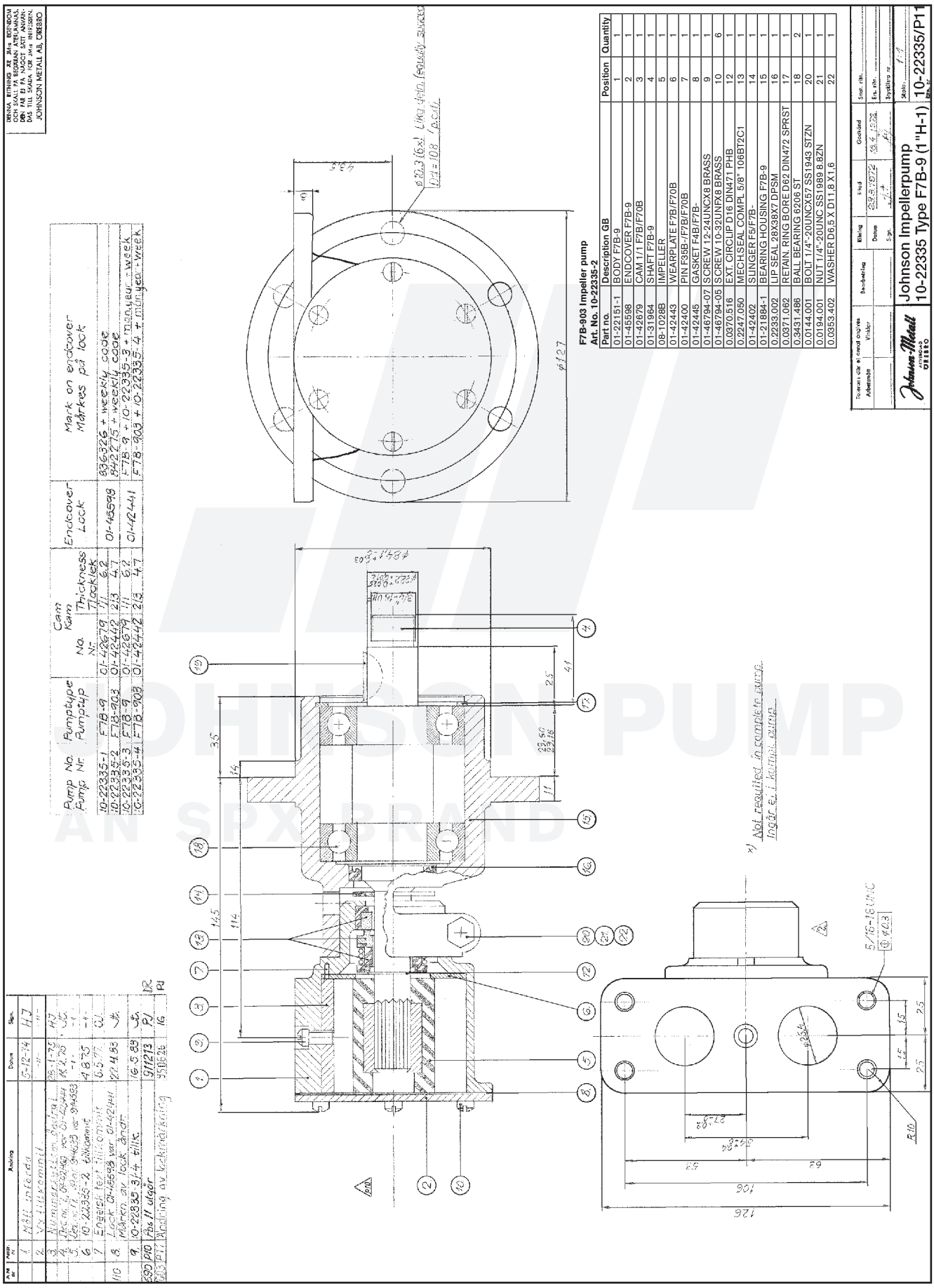
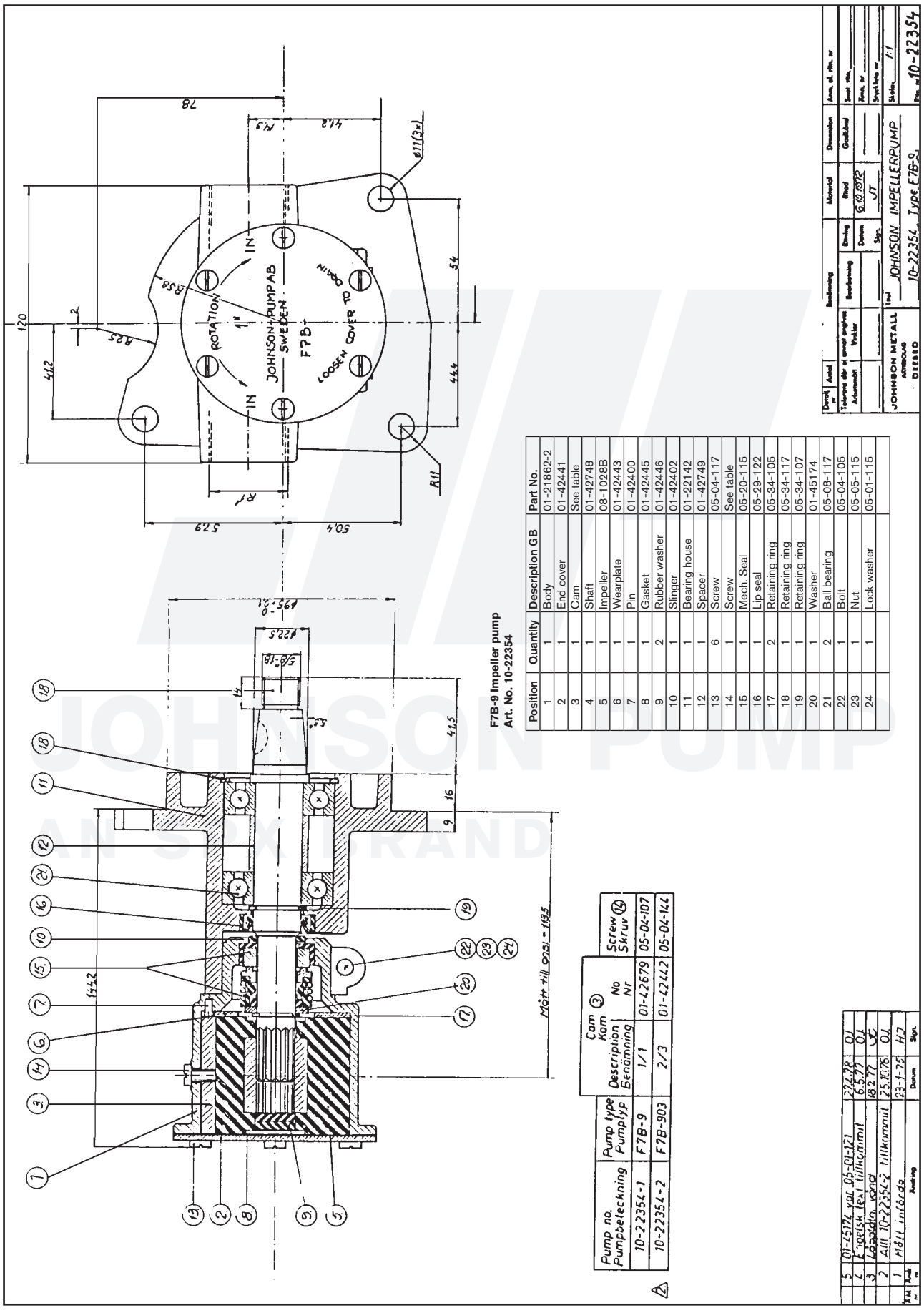

Johnson Impellerpump
10-22335 Type F7B-9 (1"H-1)
10-22335/P11
Johnson-Metall
ÖREBRO
F7B-903 Impeller pump
Art. No. 10-22335-2
Part no. | Description GB | Position | Quantity
01-22151-1 | BODY F7B-9 | 1 | 1
01-45598 | ENDCOVER F7B-9 | 2 | 1
01-42679 | CAM 1/1 F7B/F70B | 3 | 1
01-31964 | SHAFT F7B-9 | 4 | 1
08-1028B | IMPELLER | 5 | 1
01-42443 | WEARPLATE F7B/F70B | 6 | 1
01-42400 | PIN F35B-/F7B/F70B | 7 | 1
01-42445 | GASKET F4B/F7B- | 8 | 1
01-46794-07 | SCREW 12-24UNCX8 BRASS | 9 | 1
01-46794-05 | SCREW 10-32UNFX8 BRASS | 10 | 6
0.0870.516 | EXT.CIRCLIP D16 DIN471 PHB | 12 | 1
0.2247.050 | MECH.SEAL COMPL 5/8" 106BT2C1 | 13 | 1
01-42402 | SLINGER F5/F7B- | 14 | 1
01-21884-1 | BEARING HOUSING F7B-9 | 15 | 1
0.2233.002 | LIP SEAL 28X38X7 DPSM | 16 | 1
0.0871.062 | RETAIN. RING BORE D62 DIN472 SPRST | 17 | 1
0.3431.486 | BALL BEARING 6206 ST | 18 | 2
0.0144.001 | BOLT 1/4"-20UNCX57 SS1943 STZN | 20 | 1
0.0194.001 | NUT 1/4"-20UNC SS1989 8.8ZN | 21 | 1
0.0353.402 | WASHER D6.5 X D11.8 X1.6 | 22 | 1
Pump No. Pumptyp Nr. | Pumptype Pumptyp | Cam No. Kam Nr. | Thickness Tjocklek | Endcover Lock | Mark on endcover Märkes på lock
10-22335-1 | F7B-9 | 01-42679 | 11 | 6.2 | 01-45598 | 836326 + weekly code
10-22335-2 | F7B-903 | 01-42442 | 21 | 4.7 | | 8422775 + weekly code
10-22335-3 | F7B-9 | 01-42679 | 11 | 6.2 | 01-42441 | F7B-9 + 10-22335-3 + manufact.-week
10-22335-4 | F7B-903 | 01-42442 | 21 | 4.7 | | F7B-903 + 10-22335-4 + manufact.-week
Not required in complete pump
Ingår ej i komplett pump
ø10.3 (6x) Lika delat (equally spaced)
Ø21 = 108 (pcd)
ø127
5/16-18UNC
ø14
ø8.5-12
R10
126
106
79
69
25
15
35
14
145
116
41
23.5
11
Johnson Pump AN SPX BRAND

10-22354 pump F7B-9



F7B-9 Impeller pump
Art. No. 10-22354

Position	Quantity	Description GB	Part No.
1	1	Body	01-21862-2
2	1	End cover	01-42441
3	1	Cam	See table
4	1	Shaft	01-42748
5	1	Impeller	08-1028B
6	1	Wearplate	01-42443
7	1	Pin	01-42400
8	1	Gasket	01-42445
9	2	Rubber washer	01-42446
10	1	Slinger	01-42402
11	1	Bearing house	01-22142
12	1	Spacer	01-42749
13	6	Screw	05-04-117
14	1	Screw	See table
15	1	Mech. Seal	05-20-115
16	1	Lip seal	05-29-122
17	2	Retaining ring	05-34-105
18	1	Retaining ring	05-34-117
19	1	Retaining ring	05-34-107
20	1	Washer	01-45174
21	2	Ball bearing	05-08-117
22	1	Bolt	05-04-105
23	1	Nut	05-05-115
24	1	Lock washer	05-01-115

Pump no. Pumpbeteckning	Pump type Pumptyp	Cam ③ Kam Description / Benämning	Cam ③ Kam No Nr	Screw ⑭ Skruv
10-22354-1	F7B-9	1/1	01-42679	05-04-107
10-22354-2	F7B-903	2/3	01-42442	05-04-144

5	01-25174 var 05-01-121	27-6-78	OJ
4	Svetsk text tillkommit	6.5.77	OJ
3	Ledad. sprängd	18.2.77	SE
2	Allt 10-22354-2 tillkommit	25.10.76	OJ
1	Mått inlagda	23-1-75	HJ

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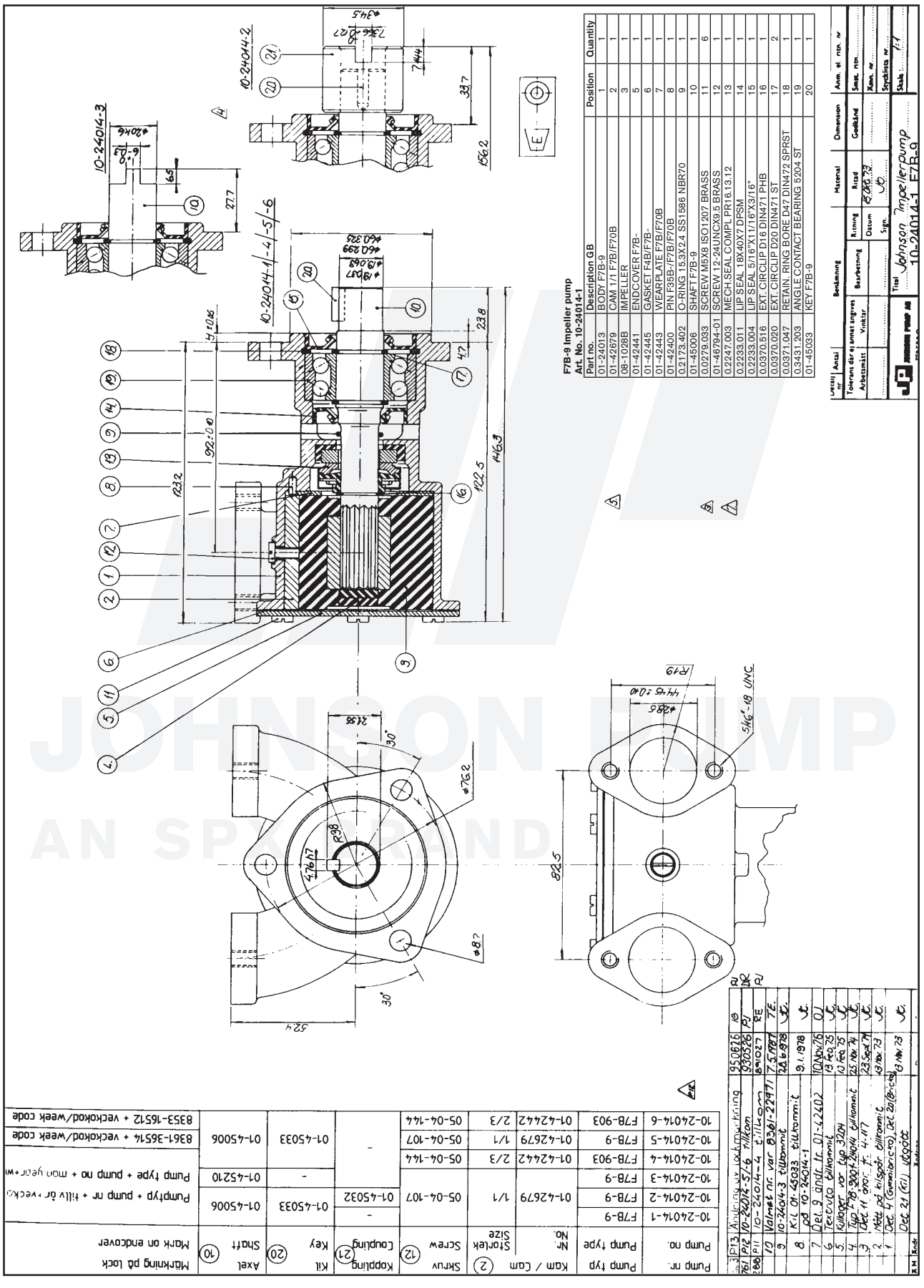


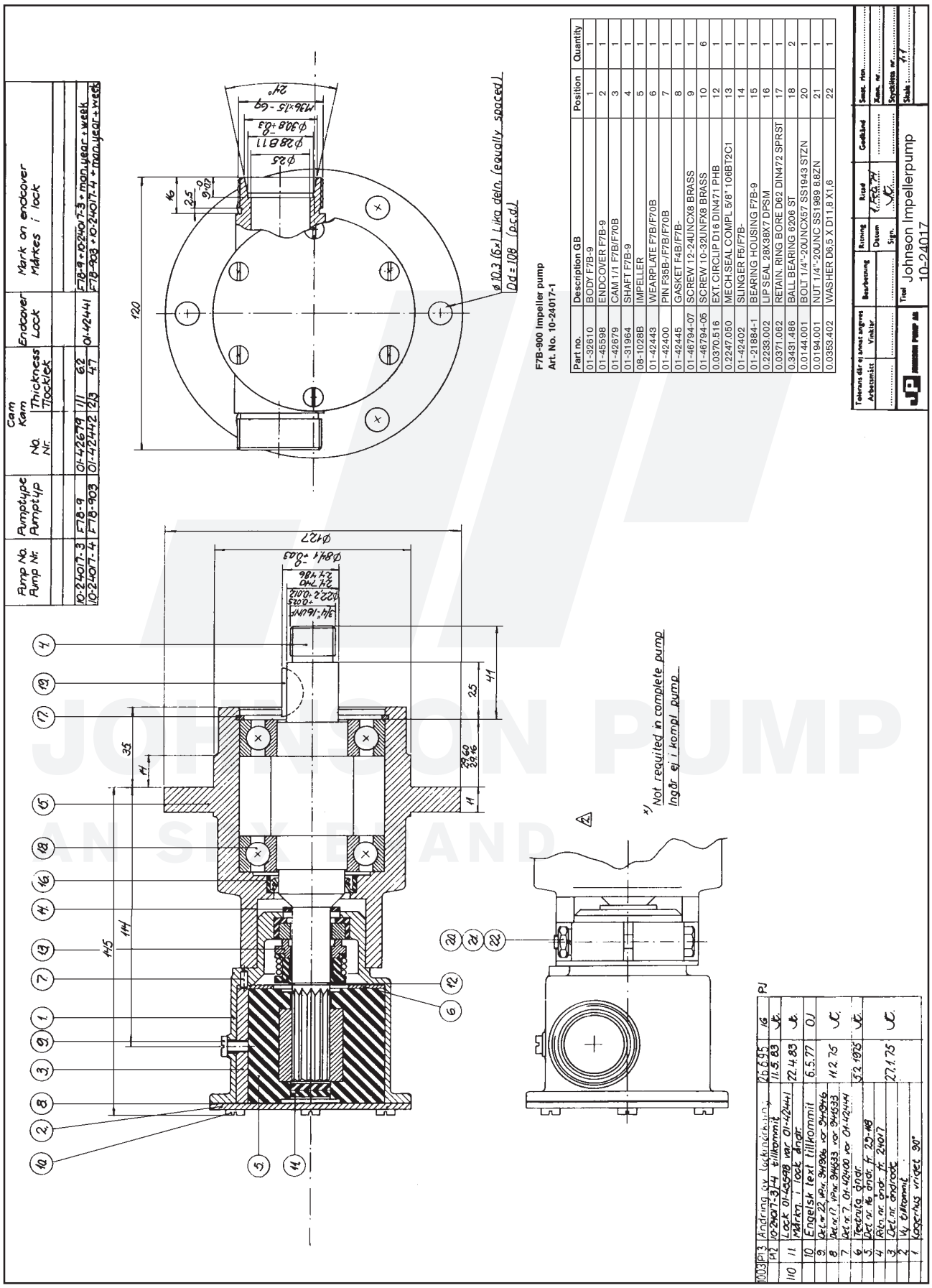
Part no.	Description GB	Position	Quantity
01-24013	BODY F7B-9	1	1
01-42679	CAM 1/1 F7B/F70B	2	1
08-1028B	IMPELLER	3	1
01-42441	ENDCOVER F7B-	5	1
01-42445	GASKET F4B/F7B-	6	1
01-42443	WEARPLATE F7B/F70B	7	1
01-42400	PIN F35B-/F7B/F70B	8	1
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	9	1
01-45006	SHAFT F7B-9	10	1
0.0279.033	SCREW M5X8 ISO1207 BRASS	11	6
01-46794-01	SCREW 12-24UNC9X9.5 BRASS	12	1
0.2247.003	MECH.SEAL COMPL PR16.13.12	13	1
0.2233.011	LIP SEAL 18X40X7 DPSM	14	1
0.2233.004	LIP SEAL 5/16"X11/16"X3/16"	15	1
0.0370.516	EXT. CIRCLIP D16 DIN471 PHB	16	1
0.0370.020	EXT. CIRCLIP D20 DIN471 ST	17	2
0.0371.047	RETAIN. RING BORE D47 DIN472 SPRST	18	1
0.3431.203	ANGLE CONTACT BEARING 5204 ST	19	1
01-45033	KEY F7B-9	20	1

Pump nr.	Pump typ	Kam / Cam Nr.	Kam / Cam Storlek Size	Skruv Screw (12)	Koppling Coupling (21)	Kil Key (20)	Axel Shaft (10)	Märkning på lock Mark on endcover
10-24014-1	F7B-9	01-42679	1/1	05-04-107	01-45032	01-45033	01-45006	Pumptyp + pump nr + tillv år + veckokod
10-24014-2	F7B-9							
10-24014-3	F7B-9				-	-	-	Pump typ + pump no + mon year + week code
10-24014-4	F7B-903	01-42442	2/3	05-04-144			01-45210	
10-24014-5	F7B-9	01-42679	1/1	05-04-107		01-45033	01-45006	8361-36514 + veckokod/week code
10-24014-6	F7B-903	01-42442	2/3	05-04-144				8353-16512 + veckokod/week code

Nr	Ändring av konstruktion	Ändring	Ritad	Granskad	Godkänd
3	P13	950626	KB		
2	P12	930526	PJ		
1	P11	891027	RE		
	10 Valmast nr var 8361-22977	17.5.1987	TE		
	9 10-24014-3 tillkommit	28.6.978	JE		
	8 Kil Dr. 45033 tillkommit	9.1.978	JE		
	7 Ref. 9 ändr. fr. 01-42402	10 Nov 76	OJ		
	6 Tecnica tillkommit	13 Feb 75	JE		
	5 Kilvagar var typ 3204	10 Feb 75	JE		
	4 Typ F7B 3004-24014 tillkommit	25 Nov 74	JE		
	3 Ref. 11 ändr. fr. 41-117	23 Sept 74	JE		
	2 Mått på axlar tillkommit	30 Nov 73	JE		
	1 Ref. 4 (Gummiindustri) Dec 20 (Bricka)	8 Nov 73	JE		
	Ref. 21 (Kil) utgått				

JOHNSON PUMP
AN SPX BRAND

10-24017 pump F7B-9



Part no.	Description GB	Position	Quantity
01-32610	BODY F7B-9	1	1
01-45598	ENDCOVER F7B-9	2	1
01-42679	CAM 1/1 F7B/F70B	3	1
01-31964	SHAFT F7B-9	4	1
08-1028B	IMPELLER	5	1
01-42443	WEARPLATE F7B/F70B	6	1
01-42400	PIN F35B-/F7B/F70B	7	1
01-42445	GASKET F4B/F7B-	8	1
01-46794-07	SCREW 12-24UNCX8 BRASS	9	1
01-46794-05	SCREW 10-32UNFX8 BRASS	10	6
0.0370.516	EXT.CIRCLIP D16 DIN471 PHB	12	1
0.2247.050	MECH.SEAL COMPL 5/8" 106BT2C1	13	1
01-42402	SLINGER F5/F7B-	14	1
01-21884-1	BEARING HOUSING F7B-9	15	1
0.2233.002	LIP SEAL 28X38X7 DPSM	16	1
0.0371.062	RETAIN. RING BORE D62 DIN472 SPRST	17	1
0.3431.486	BALL BEARING 6206 ST	18	2
0.0144.001	BOLT 1/4"-20UNCX57 SS1943 STZN	20	1
0.0194.001	NUT 1/4"-20UNC SS1989 8.8ZN	21	1
0.0353.402	WASHER D6,5 X D11,8 X1,6	22	1

Pump No. Pump Nr.	Pumptype Pumptyp	No. Nr.	Cam Kam Thickness Tjocklek	Endcover Lock	Mark on endcover Märkes i lock
10-24017-3	F7B-9	01-42679	1/1 62	01-42441	F7B-9 + 0.2407-3 + man.year + week
10-24017-4	F7B-903	01-42442	1/3 47	01-42441	F7B-903 + 10-24017-4 + man.year + week

1003	P13	Ändring av tekniskunder	96.6.25	JC
112		10.2407-3/4 tillkommit	11.5.83	JC
110	11	Märkn. i lock ändr.	22.4.83	JC
	10	Engelsk text tillkommit	6.5.77	OJ
	9	Ref.nr 22 ersatt av 94946	11.2.75	JC
	8	Ref.nr 17 ersatt av 94933		
	7	Ref.nr 7 01-42400 ersatt av 01-42444		
	6	Textrutig gjord	5.2.1975	JC
	5	Ref.nr 16 ändr fr 22-49	27.1.75	JC
	4	Rätt nr ändr fr 24017		
	3	Ref.nr ändrade		
	2	Ny tillkommit		
	1	Kopierhus vriget 90°		

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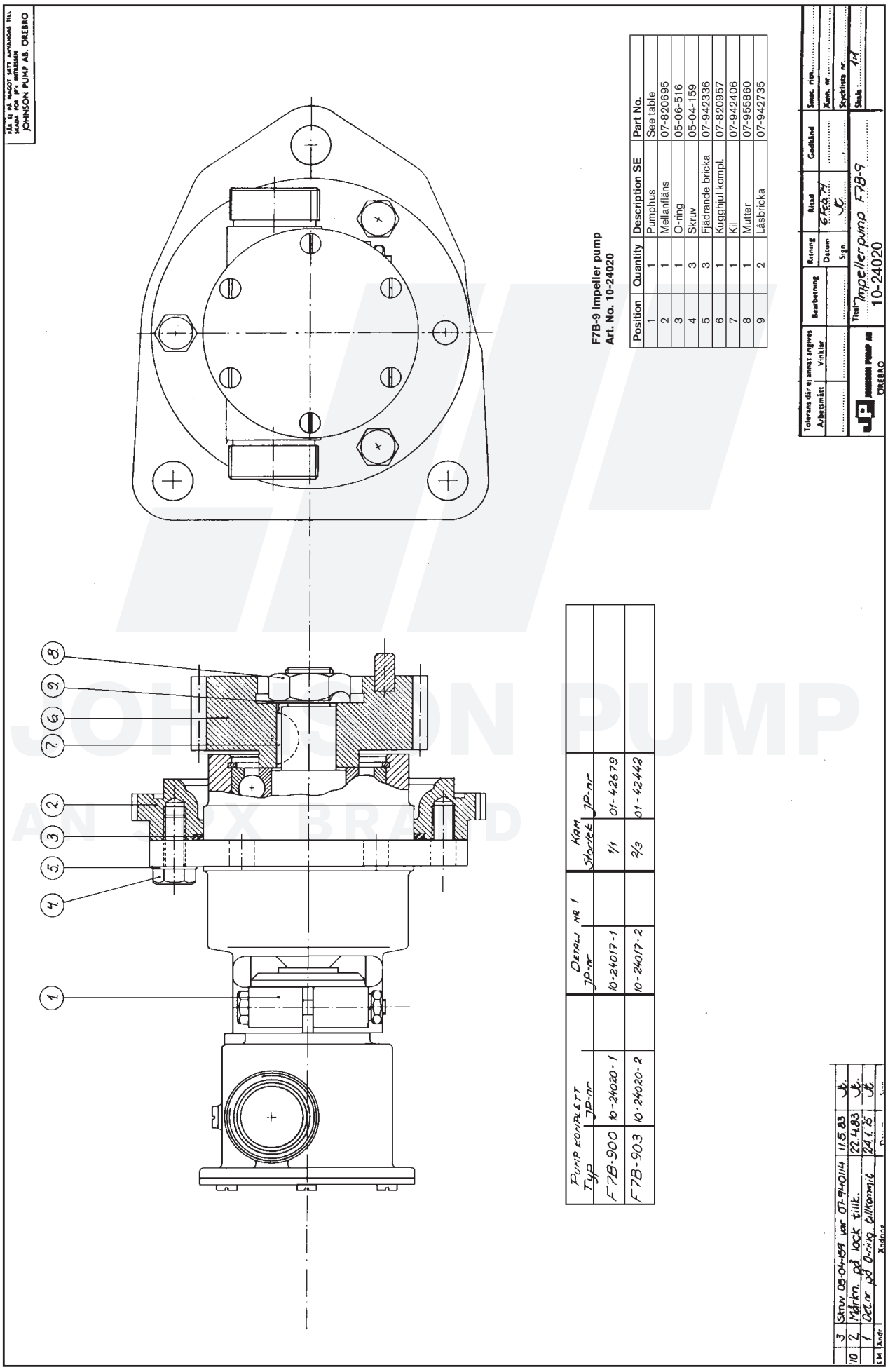
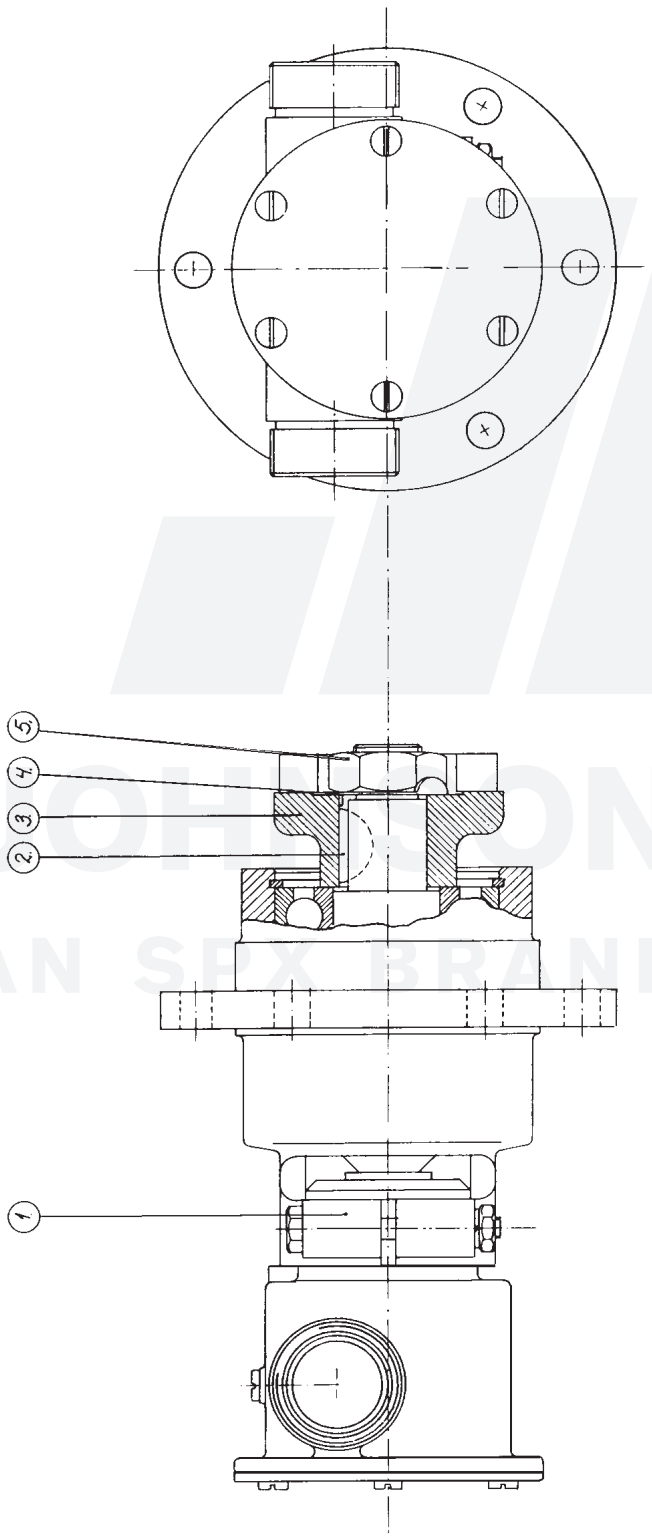


JOHNSON PUMP
AN IDEX BRAND

10-24028 pump F7B-903



Detalj nr	Antal	Benämning	Material	Dimension	Anm. el. rito. nr
5	1	Mutter			02-855860
4	1	Lagerlock			02-942235
3	1	Rotorpaket			02-820960
2	1	Kil			02-942406
1	1	Spolkroppspump			10-24012-2

Tolerans där ej annat angives: Arbetsmått / Vinklar — Bearbetning — Ritning — Ritad — Godkänd — Sanas. nim. — Kons. nr — Systemns nr — Skala

JP JOHNSON PUMP AB ÖREBRO — Titel: Impellerpump F7B-903 — 10-24028-1

110	2	Märkn på lock tillk.	03-04-22	JL	

JOHNSON PUMP
AN SPX BRAND

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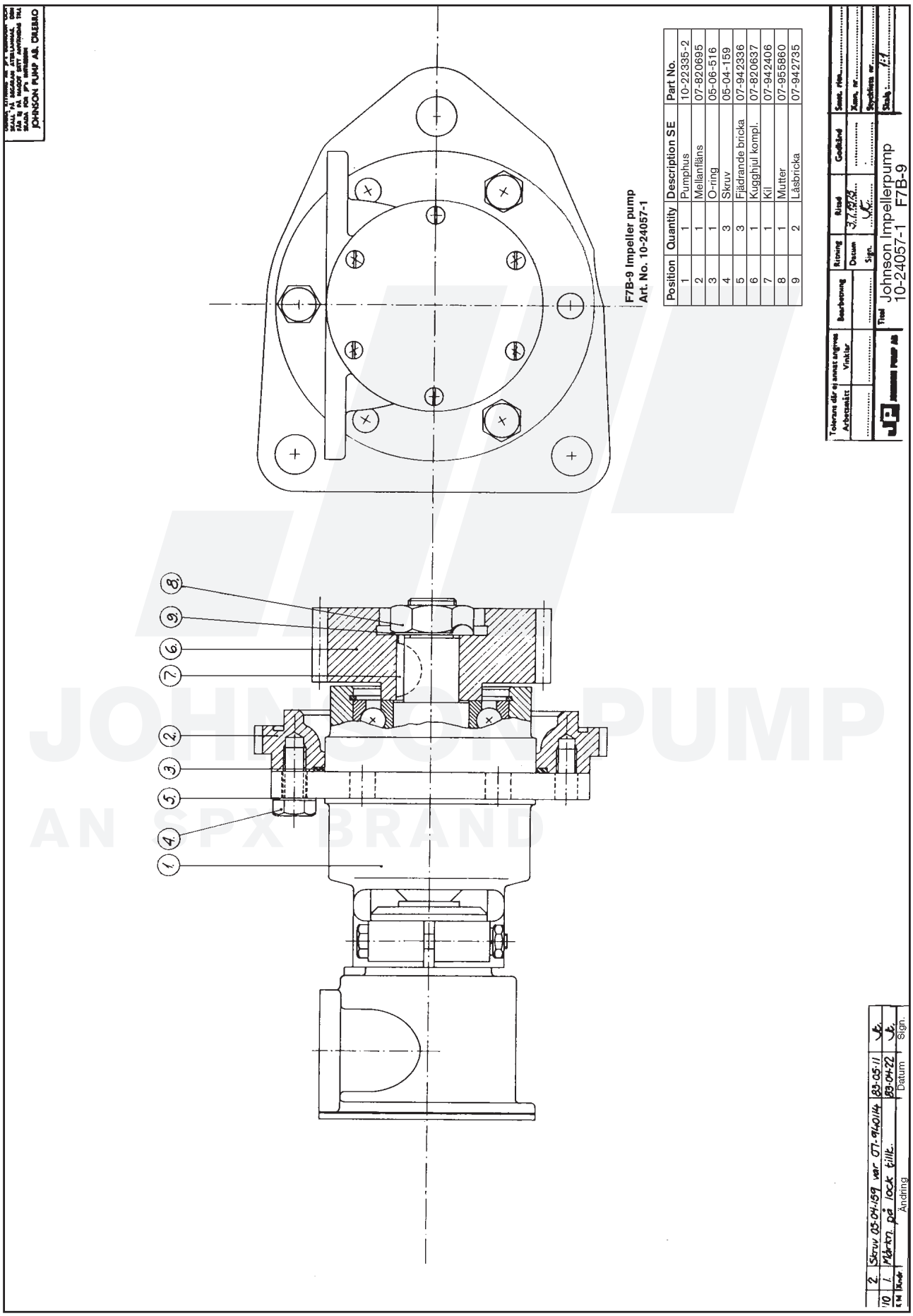
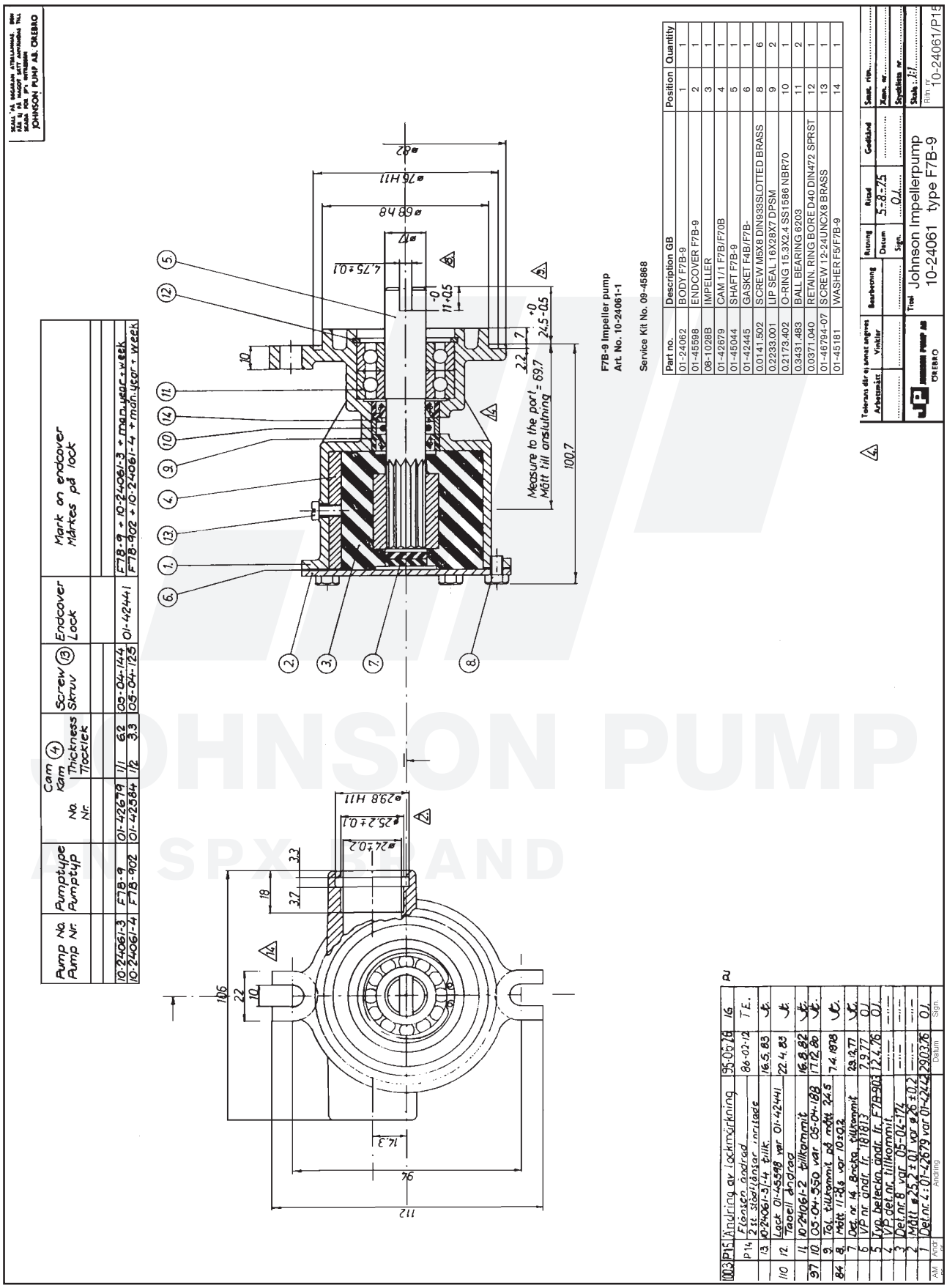


JOHNSON PUMP
AN SPX BRAND

10-24061 pump F7B-9



Pump No. Pump Nr.	Pumptype Pumptyp	Cam (4) Kam No. Nr.	Thickness Tjocklek	Screw (13) Skruv	Endcover Lock
10-24061-3	F78-9	01-42679	1/1 6.2	05-04-144	01-42441
10-24061-4	F78-902	01-42584	1/2 3.3	05-04-123	

Part no.	Description GB	Position	Quantity
01-24062	BODY F7B-9	1	1
01-45598	ENDCOVER F7B-9	2	1
08-1028B	IMPELLER	3	1
01-42679	CAM 1/1 F7B/F70B	4	1
01-45044	SHAFT F7B-9	5	1
01-42445	GASKET F4B/F7B-	6	1
0.0141.502	SCREW M5X8 DIN933SLOTTED BRASS	8	6
0.2233.001	LIP SEAL 16X28X7 DPSM	9	2
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	10	1
0.3431.483	BALL BEARING 6203	11	2
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	12	1
01-46794-07	SCREW 12-24UNCX8 BRASS	13	1
01-45181	WASHER F5/F7B-9	14	1

003	P15	Ändring av lockmärkning	95-05-16	IG	
	P14	Flänge ändrad	86-02-12	TE.	
	13	2 st. skruvlängder ändrade	16.5.83	JE.	
	12	10-24061-3/1-4 tillk.			
	11	Lock 01-45598 var 01-42441	22.4.83	JE.	
	10	Taoell ändrad			
97	10	10-24061-2 tillkommit	16.8.82	JE.	
	9	05-04-550 var 05-04-188	17.12.80	JE.	
84	8	Tol. tillkommit på mått 24.5	7.4.1978	JE.	
	7	Mått 11.2±1 var 10±0.2			
	6	Det. nr 14 Backa tillkommit	23.12.77	JE.	
	5	VP nr ändr. fr. 181813	7.9.77	OJ.	
	4	Typ beteckn. ändr. fr. F78-902	12.4.76	OJ.	
	3	VP, det.nr tillkommit	—"—	—"—	
	2	Det.nr 8 var 05-04-174	—"—	—"—	
	1	Mått ø25.2±0.1 var ø26±0.2	—"—	—"—	
AM	Ändr nr	Det.nr 4: 01-42679 var 01-42441	29.03.76	OJ.	
		Ändring	Datum	Sign	

Tolerans där ej annat angives Arbetsmått: Vinkler
Bearbetning
Ritad Datum 5-8-25 Sign. OJ.
Godkänd
Sänk. nr.
Kam. nr.
Sysdelns nr.
Skala 1:1
Ritn. nr 10-24061/P15

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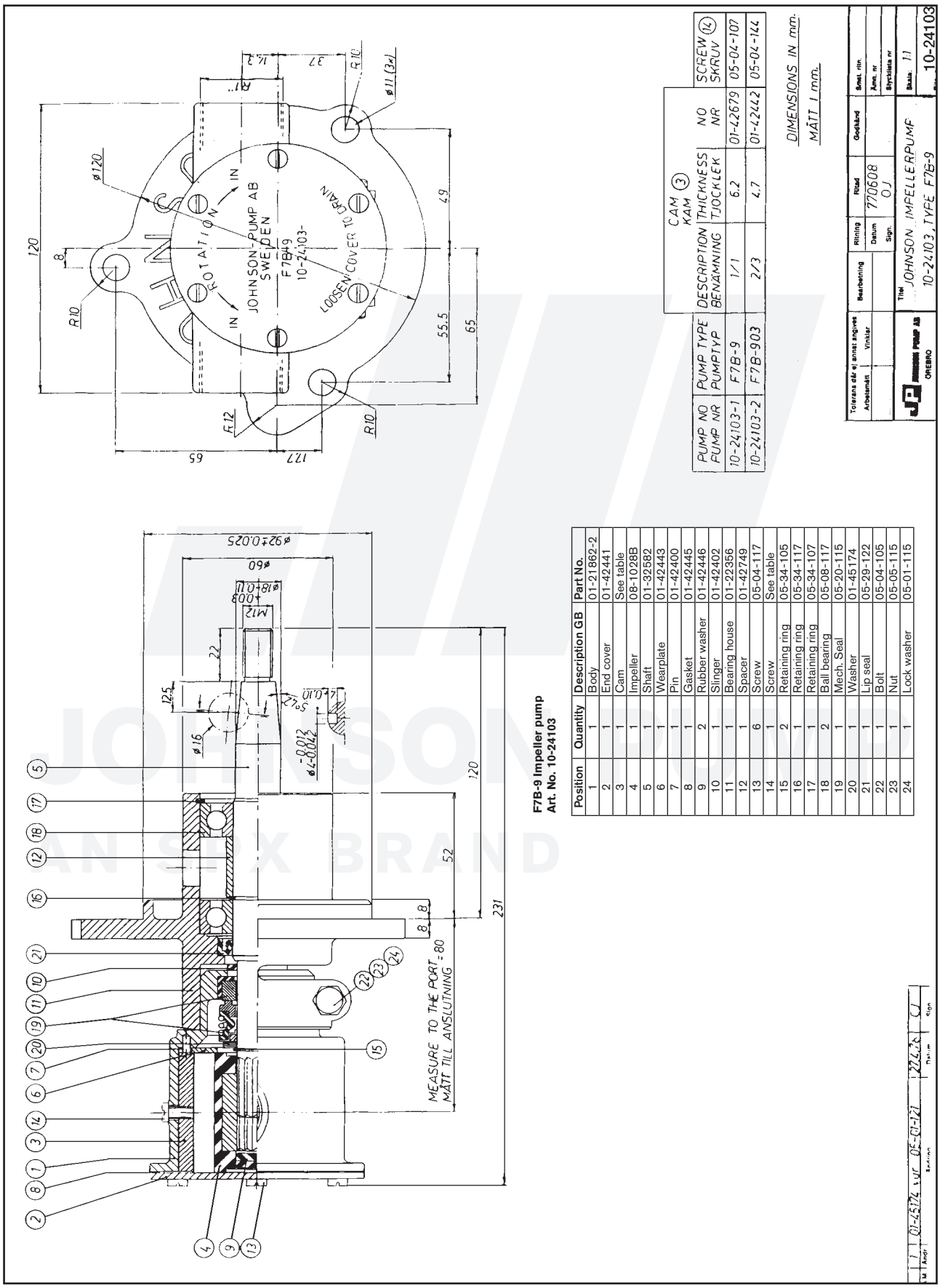


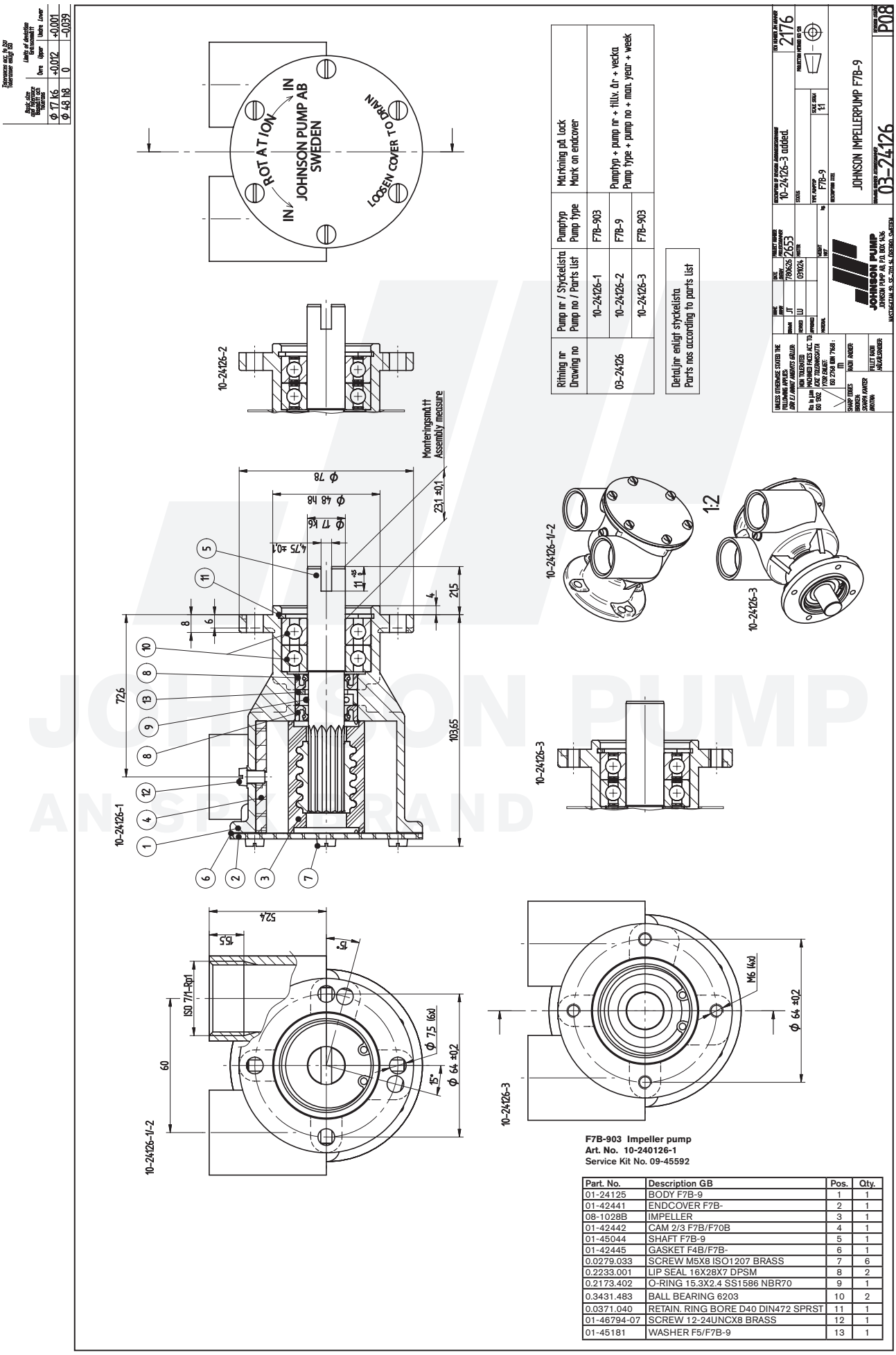
PUMP NO PUMP NR	PUMP TYPE PUMPTYP	DESCRIPTION BENÄMNING	CAM ③ KAM THICKNESS TJOCKLEK	NO NR	SCREW ⑫ SKRUV
10-24103-1	F7B-9	1/1	6.2	01-42679	05-04-107
10-24103-2	F7B-903	2/3	4.7	01-42442	05-04-144

F7B-9 Impeller pump
Art. No. 10-24103

Position	Quantity	Description GB	Part No.
1	1	Body	01-21862-2
2	1	End cover	01-42441
3	1	Cam	See table
4	1	Impeller	08-1028B
5	1	Shaft	01-32582
6	1	Wearplate	01-42443
7	1	Pin	01-42400
8	1	Gasket	01-42445
9	2	Rubber washer	01-42446
10	1	Slinger	01-42402
11	1	Bearing house	01-22356
12	1	Spacer	01-42749
13	6	Screw	05-04-117
14	1	Screw	See table
15	2	Retaining ring	05-34-105
16	1	Retaining ring	05-34-117
17	1	Retaining ring	05-34-107
18	2	Ball bearing	05-08-117
19	1	Mech. Seal	05-20-115
20	1	Washer	01-45174
21	1	Lip seal	05-29-122
22	1	Bolt	05-04-105
23	1	Nut	05-05-115
24	1	Lock washer	05-01-115

JOHNSON PUMP AN SPX BRAND

10-24126 pump F7B-903



F7B-903 Impeller pump
Art. No. 10-240126-1
Service Kit No. 09-45592

Part. No.	Description GB	Pos.	Qty.
01-24125	BODY F7B-9	1	1
01-42441	ENDCOVER F7B-	2	1
08-1028B	IMPELLER	3	1
01-42442	CAM 2/3 F7B/F70B	4	1
01-45044	SHAFT F7B-9	5	1
01-42445	GASKET F4B/F7B-	6	1
0.0279.033	SCREW M5X8 ISO1207 BRASS	7	6
0.2233.001	LIP SEAL 16X28X7 DPSM	8	2
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	9	1
0.3431.483	BALL BEARING 6203	10	2
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	11	1
01-46794-07	SCREW 12-24UNCX8 BRASS	12	1
01-45181	WASHER F5/F7B-9	13	1

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F7B-9 Impeller pump
Art. No 10-24127-1

Service Kit No. 09-45592

Part. No.	Description GB	Position	Quantity
01-42441	ENDCOVER F7B-	1	1
01-24125	BODY F7B-9	2	1
01-42445	GASKET F4B/F7B-	3	1
08-1028B	IMPELLER	4	1
01-42679	CAM 1/1 F7B/F70B	5	1
01-45248	SHAFT F7B-9	6	1
0.3431.483	BALL BEARING 6203	7	2
0.0279.033	SCREW M5X8 ISO1207 BRASS	8	6
0.2233.001	LIP SEAL 16X28X7 DPSM	9	2
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	10	1
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	11	1
01-46794-01	SCREW 12-24UNCX9.5 BRASS	12	1
01-45181	WASHER F5/F7B-9	13	1

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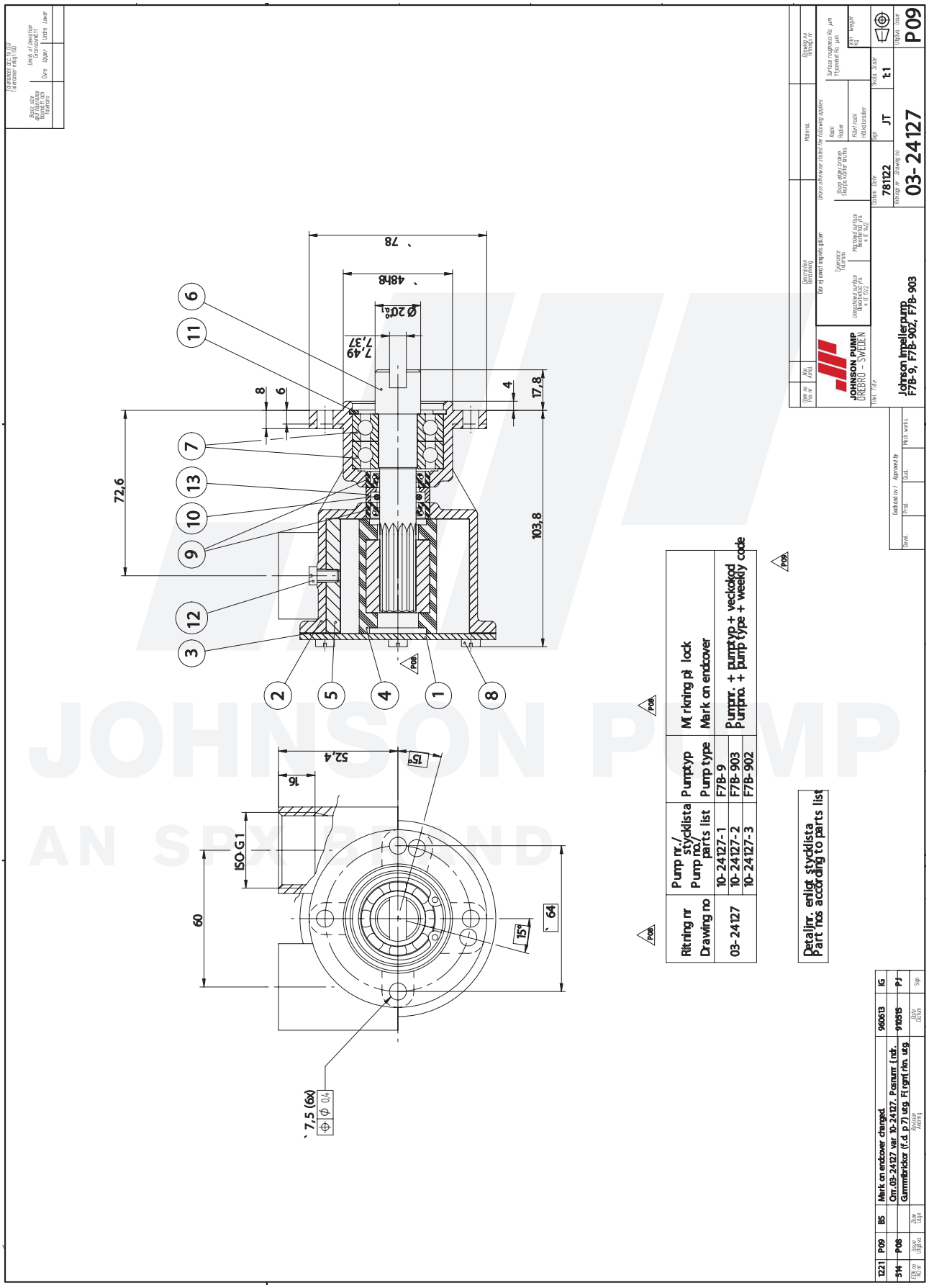
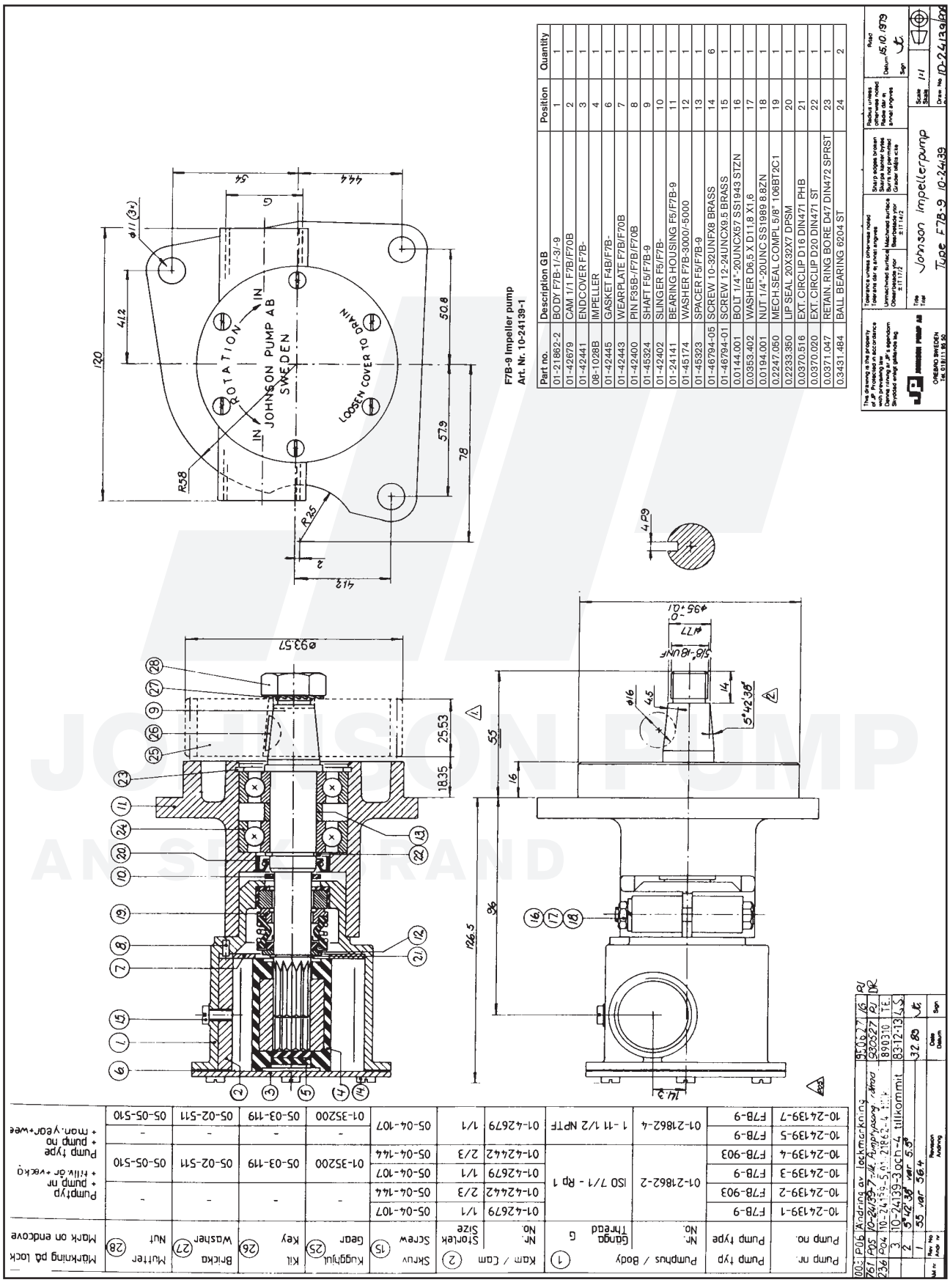

JOHNSON PUMP
AN SPX BRAND
Johnson impellerpump
F7B-9, F7B-902, F7B-903
03- 24127
P09
JOHNSON PUMP
ÖREBRO – SWEDEN
Detaljnr. enligt stycklista
Part nos according to parts list
Ritning nr
Drawing no
03- 24127
Pump nr / stycklista
Pump no / parts list
10-24127-1
10-24127-2
10-24127-3
Pumptyp
Pump type
F7B-9
F7B-903
F7B-902
Märkning på lock
Mark on endcover
Pumpnr. + pumptyp + veckokod
Pumpno. + pump type + weekly code
Ø 20f8
48h8
78
72,6
103,8
52,4
ISO G 1
60
64
7,5 (6x)
Ø 0,4
Mark on endcover changed
Gummibrickor (f.d. p.7) utg. Ff (gnr/löp. utg.

10-24139 pump F7B-9



Part no.	Description GB	Position	Quantity
01-21862-2	BODY F7B-1/-3/-9	1	1
01-42679	CAM 1/1 F7B/F70B	2	1
01-42441	ENDCOVER F7B-	3	1
08-1028B	IMPELLER	4	1
01-42445	GASKET F4B/F7B-	6	1
01-42443	WEARPLATE F7B/F70B	7	1
01-42400	PIN F35B-/F7B/F70B	8	1
01-45324	SHAFT F5/F7B-9	9	1
01-42402	SLINGER F5/F7B-	10	1
01-24141	BEARING HOUSING F5/F7B-9	11	1
01-45174	WASHER F7B-3000/-5000	12	1
01-45323	SPACER F5/F7B-9	13	1
01-46794-05	SCREW 10-32UNFX8 BRASS	14	6
01-46794-01	SCREW 12-24UNCX9.5 BRASS	15	1
0.01144.001	BOLT 1/4"-20UNCX57 SS1943 STZN	16	1
0.0353.402	WASHER D6.5 X D11.8 X1.6	17	1
0.0194.001	NUT 1/4"-20UNC SS1989 8.8ZN	18	1
0.2247.050	MECH.SEAL COMPL 5/8" 106BT2C1	19	1
0.2233.350	LIP SEAL 20X32X7 DPSM	20	1
0.03770.516	EXT. CIRCLIP D16 DIN471 PHB	21	1
0.0370.020	EXT. CIRCLIP D20 DIN471 ST	22	1
0.0371.047	RETAIN. RING BORE D47 DIN472 SPRST	23	1
0.3431.484	BALL BEARING 6204 ST	24	2

Pump nr.	Pump typ	Pumphus / Body (1) Nr.	Gänga Tråead G	Kam / Cam (2) Nr.	Storlek Size	Skruv (15) Screw	Kugghjul (25) Gear	Kil (26) Key	Bricka (27) Washer	Mutter (28) Nut	Märkning på lock Mark on endcover
10-24139-1	F7B-9	01-21862-2	ISO 7/1 - Rp 1	01-42679	1/1	05-04-107	-	-	-	-	Pumptyp + pump nr + fillv.år +vecka
				01-42442	2/3	05-04-144					
10-24139-2	F7B-9Ø3			01-42679	1/1	05-04-107	01-35200	05-03-119	05-02-511	05-05-510	Pump type + pump no + mon.year+week
10-24139-4	F7B-9Ø3			01-42442	2/3	05-04-144					
10-24139-5	F7B-9		1 - 11 1/2 NPTF	01-42679	1/1	05-04-107	-	-	-	-	
10-24139-7	F7B-9	01-21862-4									

Nr.	Ändring / Revision	Datum / Date	Sign
1	35 var 364	32 80	
2	5°42'38" mot 6.8°		
3	10-24139-3 och -4 tillkommit	83-12-13	LS
P04	10-24139-5 och 21862-4 ritn.	890310	TE
P05	10-24139-3 till Angivsang ändrad	930527	PJ
P06	Ändring av lackmarkning	950627	PJ

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JOHNSON PUMP AB ORSUNDSBRO SWEDEN Tel: 0171-15 95 50

Tolerances unless otherwise noted: Toleranser där ej annat anges

Unmachined surface / Obearbetade ytor ±1.1 / 1/2

Machined surface / Bearbetade ytor ±0.1 / 1/32

Sharp edges broken / Skarpa kanter brytes / Burrs not permitted / Grader får ej förekomma

Radius unless otherwise noted / Radier där ej annat anges

Title / Titel: Johnson impellerpump Type F7B-9 10-24139

Scale / Skala: 1:1

Drawn / Ritad: Datum 85.10.1979 Sign

Drawing No: 10-24139/06

JOHNSON PUMP ANSLAGRAND

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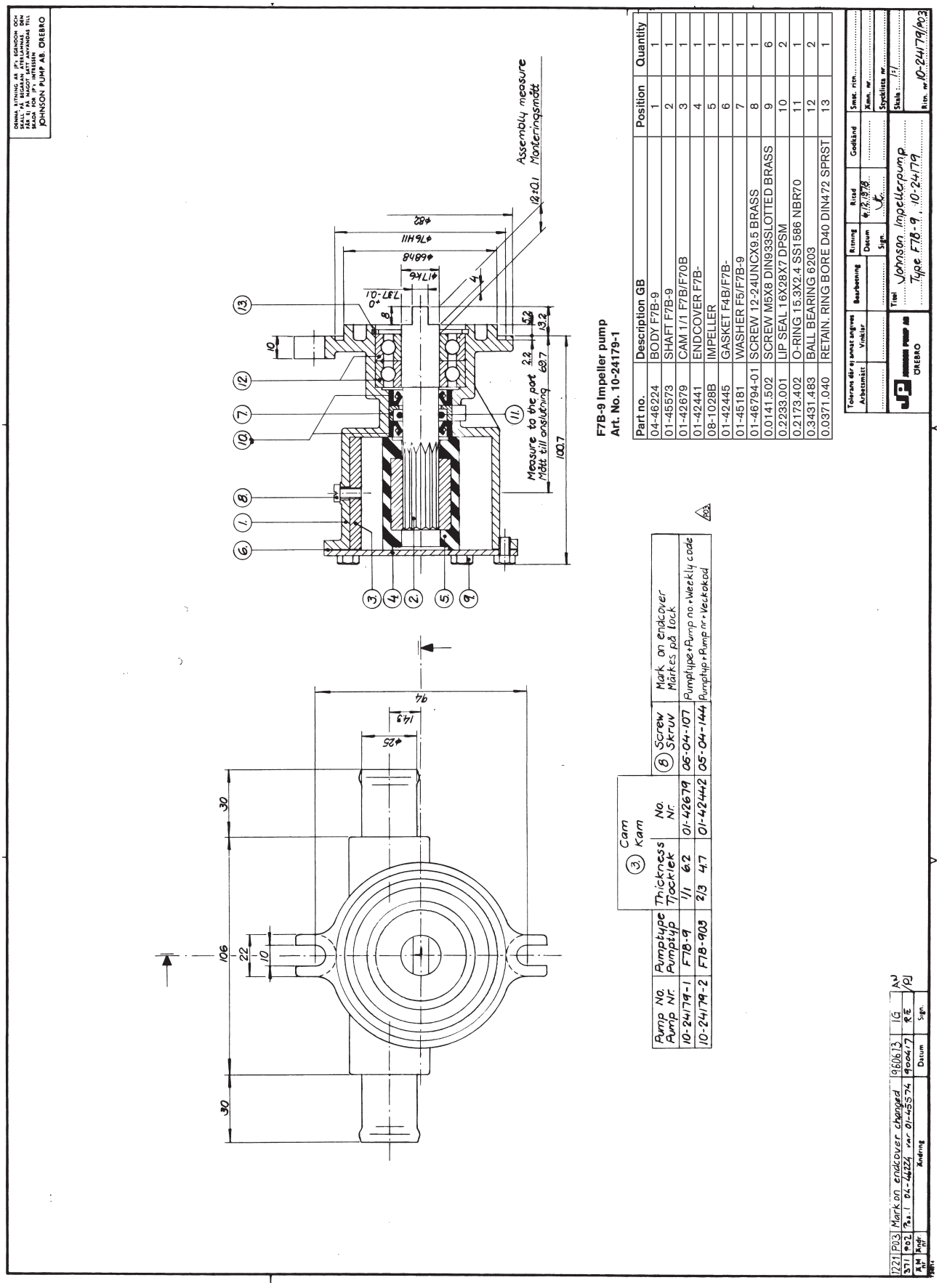


Part no.	Description GB	Position	Quantity
04-46224	BODY F7B-9	1	1
01-45573	SHAFT F7B-9	2	1
01-42679	CAM 1/1 F7B/F70B	3	1
01-42441	ENDCOVER F7B-	4	1
08-1028B	IMPELLER	5	1
01-42445	GASKET F4B/F7B-	6	1
01-45181	WASHER F5/F7B-9	7	1
01-46794-01	SCREW 12-24UNCX9.5 BRASS	8	1
0.0141.502	SCREW M6X8 DIN933SLOTTED BRASS	9	6
0.2233.001	LIP SEAL 16X28X7 DPSM	10	2
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	11	1
0.3431.483	BALL BEARING 6203	12	2
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	13	1

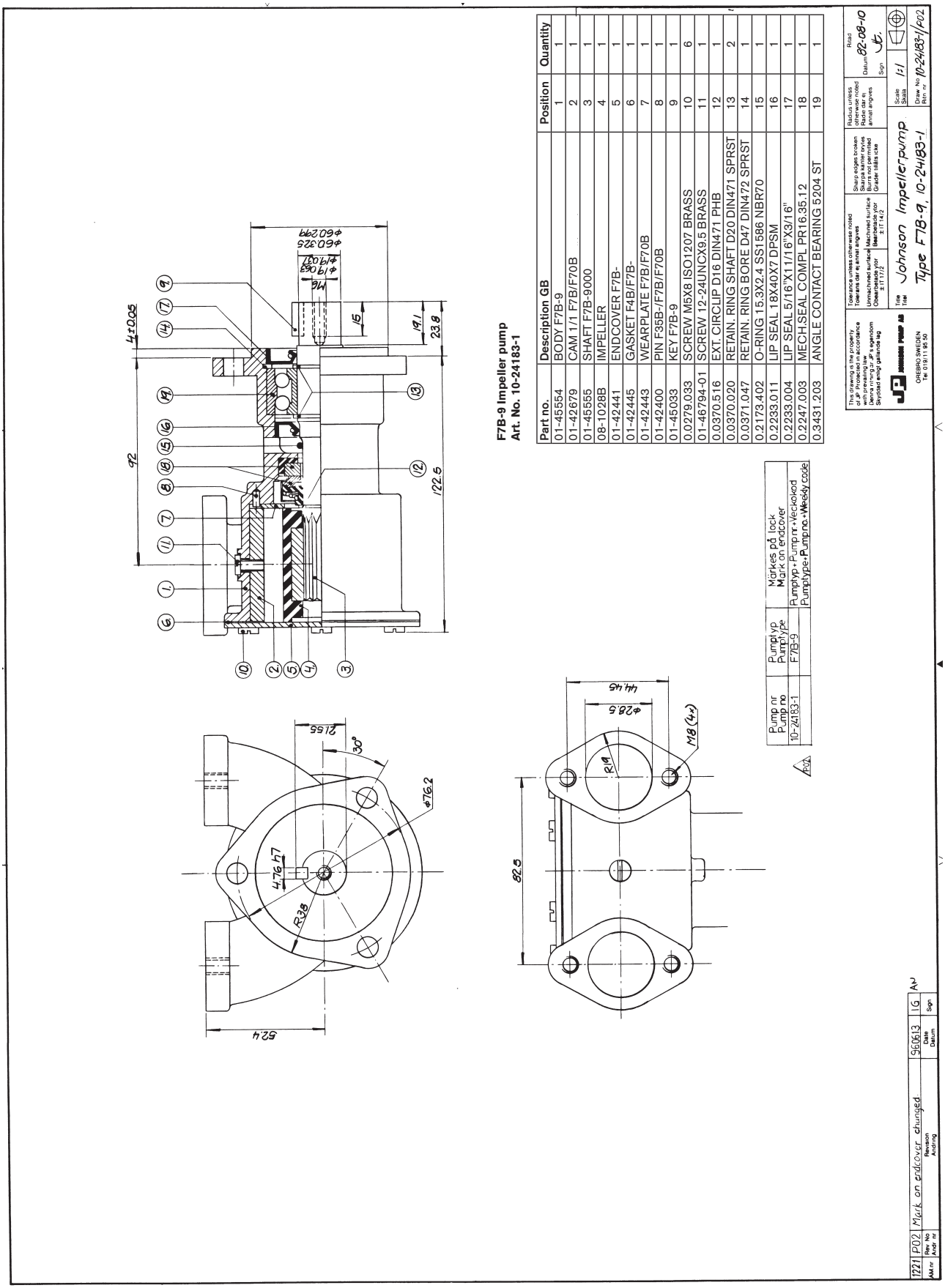
Pump No. Pump Nr.	Pumptype Pumptyp	③ Cam Kam Thickness Tjocklek	③ Cam Kam No. Nr.	⑧ Screw Skruv No. Nr.	Mark on endcover Märkes på lock
10-24179-1	F7B-9	1/1 6.2	01-42679	05-04-107	Pumptype+Pump no.+Weekly code
10-24179-2	F7B-903	2/3 4.7	01-42442	05-04-1444	Pumptyp+Pump nr.+Veckokod

Ändring	Datum	Sign.
Mark on endcover changed	960613	LG
Pos.1 04-46224 var 01-45574	960417	RE

Tolerans där ej annat anges / Arbetsmått / Vinklar: Bearbetning | Ritning Datum | Ritad 96.12.18 | Godkänd | Smält rtm. | Kmn. nr. | Styckelista nr

Titel | Skala 1:1 | Ritn. nr. 10-24179/no3

10-24183 pump F7B-9



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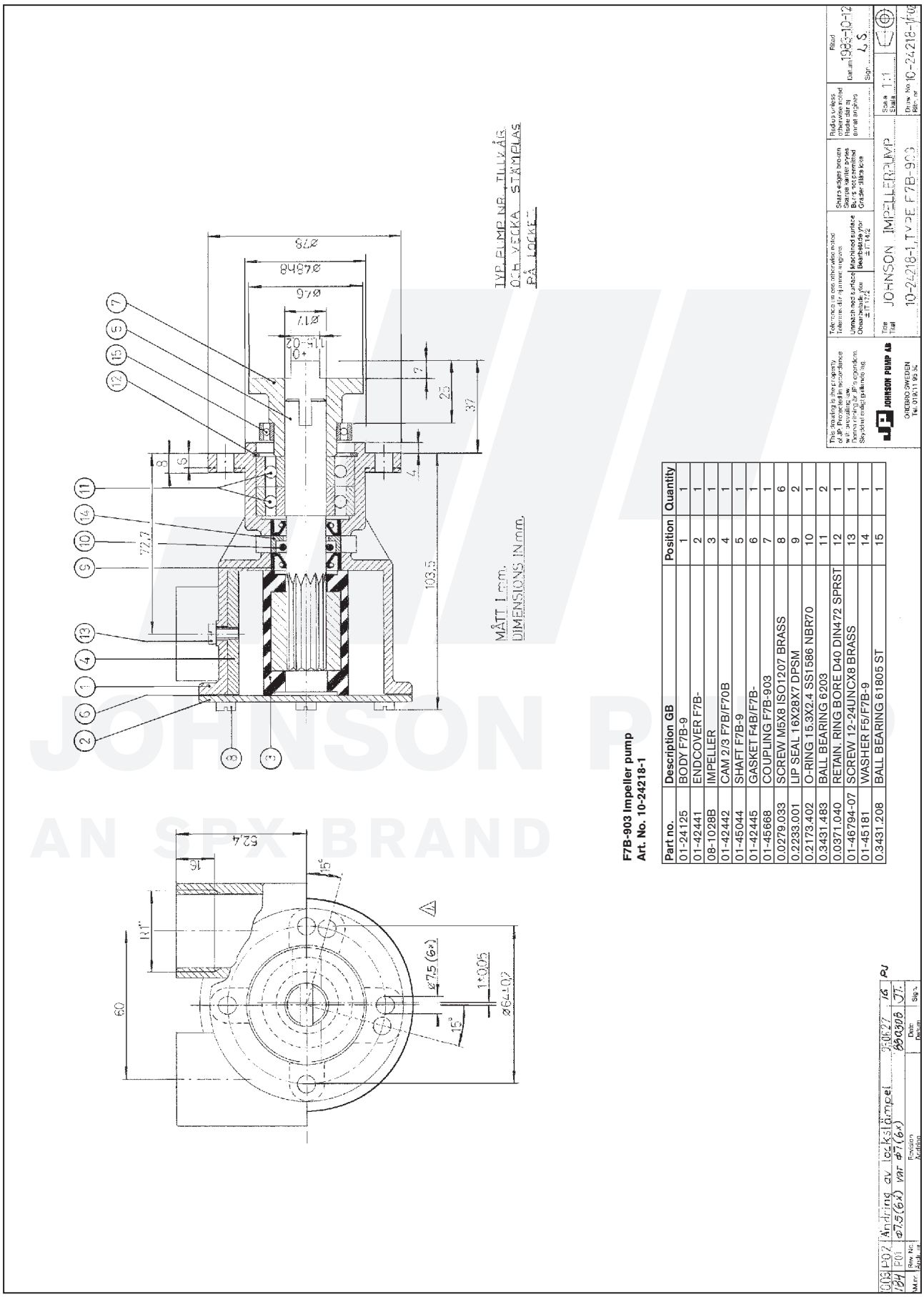

F7B-903 Impeller pump
Art. No. 10-24218-1

Part no.	Description GB	Position	Quantity
01-24125	BODY F7B-9	1	1
01-42441	ENDCOVER F7B-	2	1
08-1028B	IMPELLER	3	1
01-42442	CAM 2/3 F7B/F70B	4	1
01-45044	SHAFT F7B-9	5	1
01-42445	GASKET F4B/F7B-	6	1
01-45668	COUPLING F7B-903	7	1
0.0279.033	SCREW M6X8 ISO1207 BRASS	8	6
0.2233.001	LIP SEAL 16X28X7 DPSM	9	2
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	10	1
0.3431.483	BALL BEARING 6203	11	2
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	12	1
01-46794-07	SCREW 12-24UNCX8 BRASS	13	1
01-45181	WASHER F5/F7B-9	14	1
0.3431.208	BALL BEARING 61805 ST	15	1

JOHNSON PUMP
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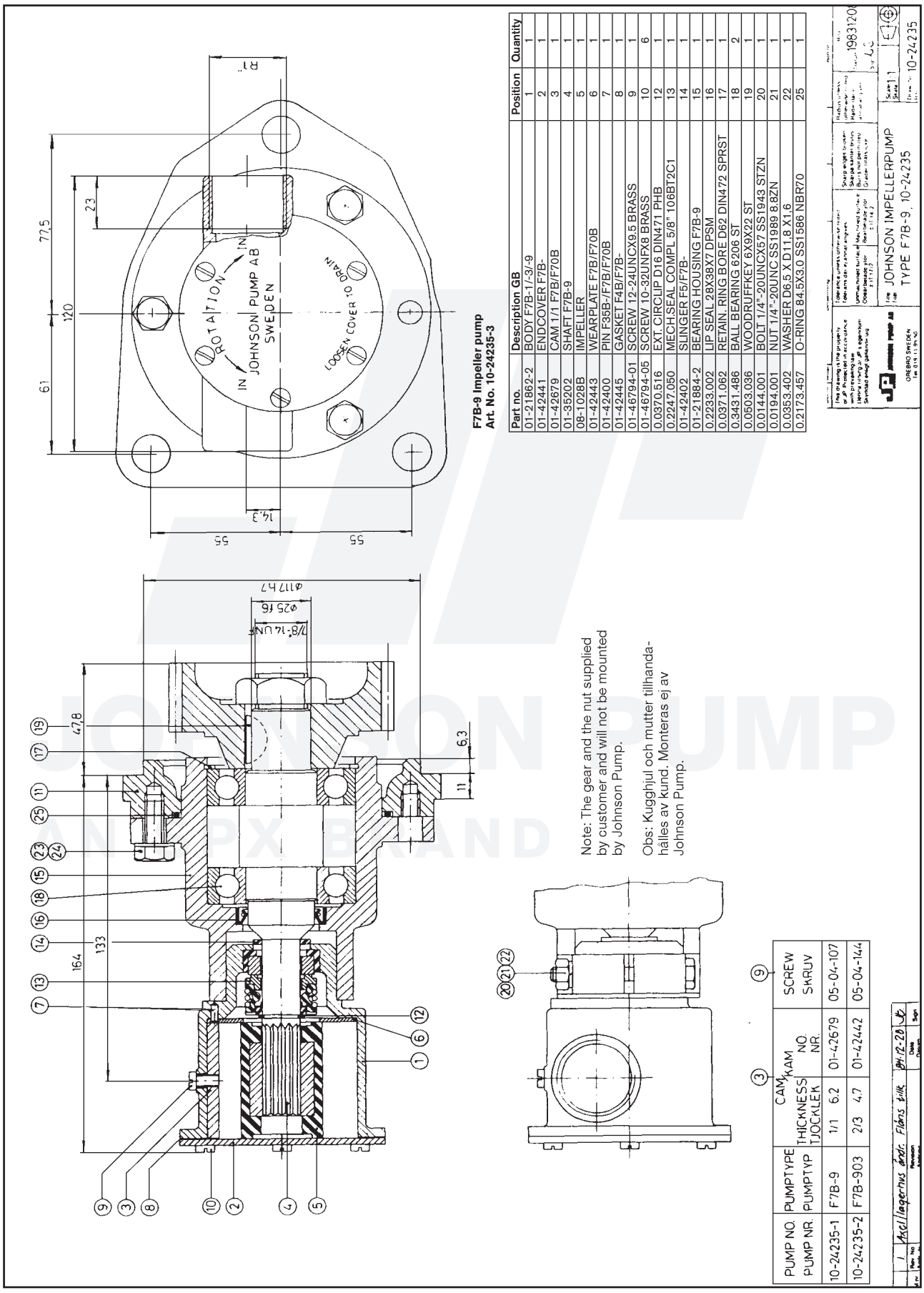
10-24235 pump F7B-9



Part no.	Description GB	Position	Quantity
01-21862-2	BODY F7B-1/-3/-9	1	1
01-42441	ENDCOVER F7B-	2	1
01-42679	CAM 1/1 F7B/F70B	3	1
01-35202	SHAFT F7B-9	4	1
08-1028B	IMPELLER	5	1
01-42443	WEARPLATE F7B/F70B	6	1
01-42400	PIN F35B-/F7B/F70B	7	1
01-42445	GASKET F4B/F7B-	8	1
01-46794-01	SCREW 12-24UNCX9,5 BRASS	9	1
01-46794-05	SCREW 10-32UNFX8 BRASS	10	6
0.0370.516	EXT. CIRCLIP D16 DIN471 PHB	12	1
0.2247.050	MECH.SEAL COMPL 5/8" 106BT2C1	13	1
01-42402	SLINGER F5/F7B-	14	1
01-21884-2	BEARING HOUSING F7B-9	15	1
0.2233.002	LIP SEAL 28X38X7 DPSM	16	1
0.0371.062	RETAIN. RING BORE D62 DIN472 SPRST	17	1
0.3431.486	BALL BEARING 6206 ST	18	2
0.0503.036	WOODRUFFKEY 6X9X22 ST	19	1
0.0144.001	BOLT 1/4"-20UNCX57 SS1943 STZN	20	1
0.0194.001	NUT 1/4"-20UNC SS1989 8.8ZN	21	1
0.0353.402	WASHER D6,5 X D11,8 X1,6	22	1
0.2173.457	O-RING 84,5X3.0 SS1586 NBR70	25	1

PUMP NO. / PUMP NR.	PUMPTYPE / PUMPTYP	CAM THICKNESS / KAM TJOCKLEK	CAM NO. / KAM NR.	SCREW / SKRUV
10-24235-1	F7B-9	1/1 6.2	01-42679	05-04-107
10-24235-2	F7B-903	2/3 4.7	01-42442	05-04-144

JOHNSON PUMP
AN SPX BRAND

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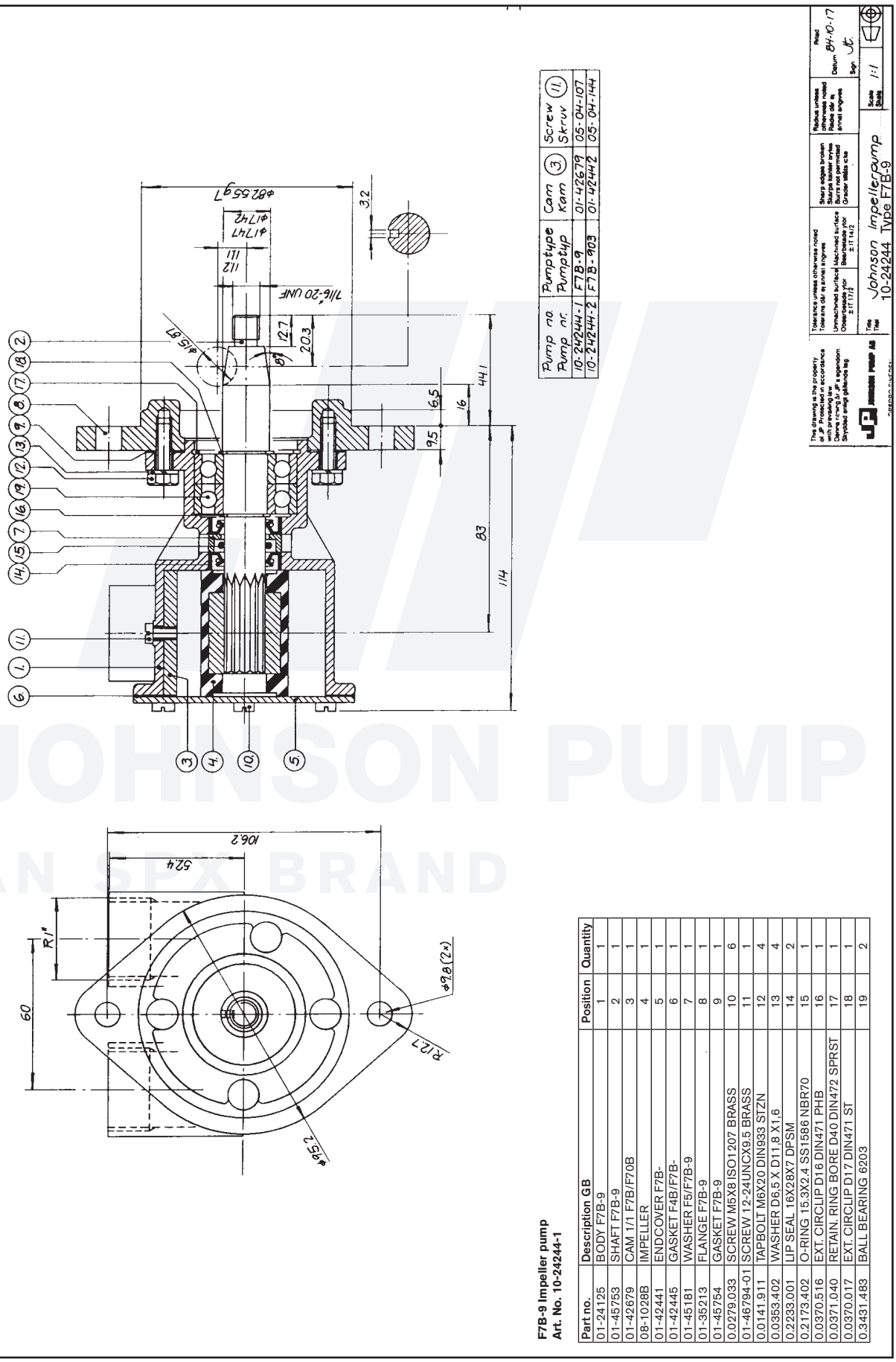


F7B-9 Impeller pump
Art. No. 10-24244-1

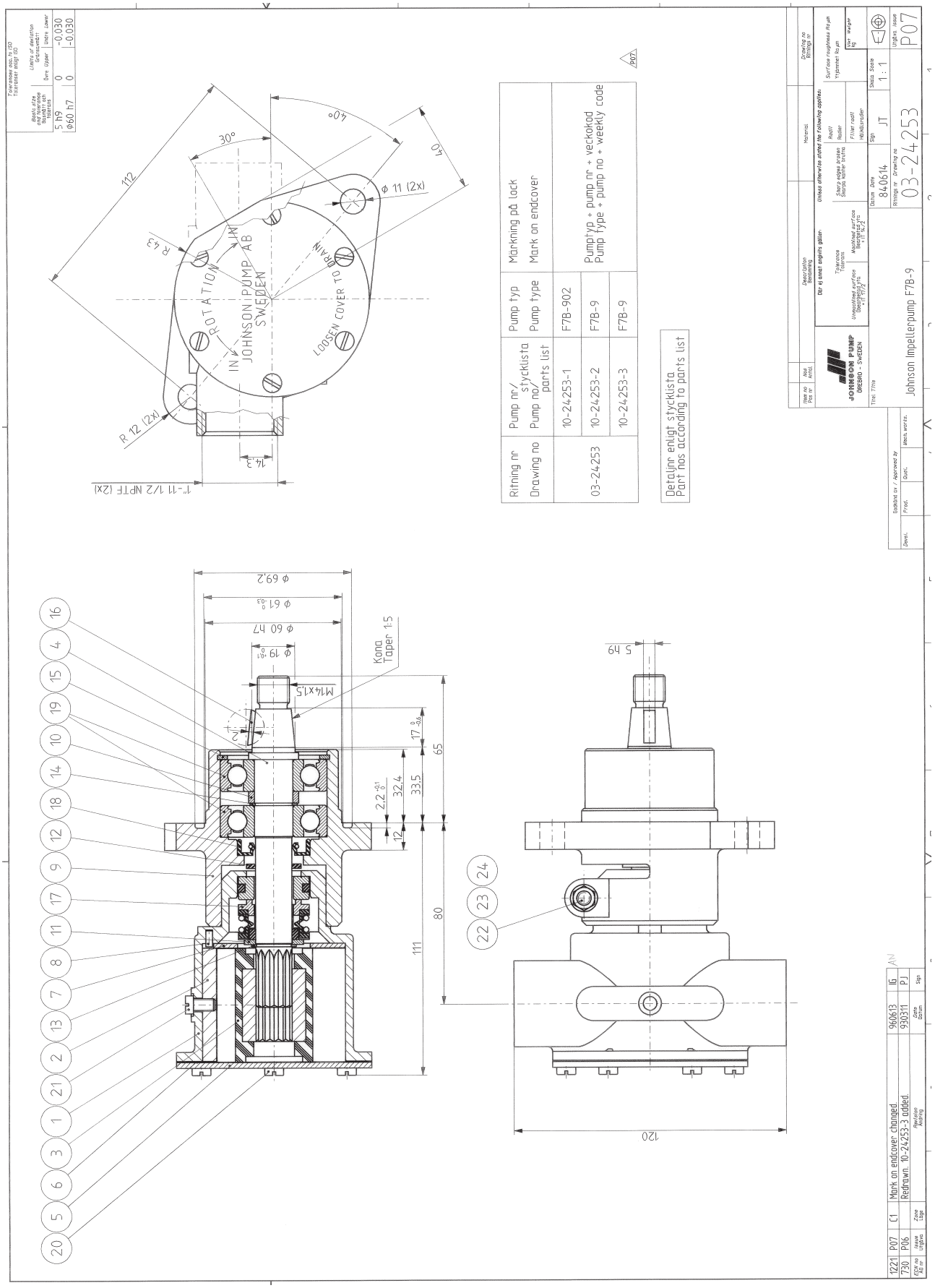
Part no.	Description GB	Position	Quantity
01-24125	BODY F7B-9	1	1
01-45753	SHAFT F7B-9	2	1
01-42679	CAM 1/1 F7B/F70B	3	1
08-1028B	IMPELLER	4	1
01-42441	ENDCOVER F7B-	5	1
01-42445	GASKET F4B/F7B-	6	1
01-45181	WASHER F5/F7B-9	7	1
01-35213	FLANGE F7B-9	8	1
01-45754	GASKET F7B-9	9	1
0.0279.033	SCREW M5X8 ISO1207 BRASS	10	6
01-46794-01	SCREW 12-24UNCX9.5 BRASS	11	1
0.0141.911	TAPBOLT M6X20 DIN933 STZN	12	4
0.0353.402	WASHER D6.5 X D11.8 X1.6	13	4
0.2233.001	LIP SEAL 16X28X7 DPSM	14	2
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	15	1
0.0370.516	EXT. CIRCLIP D16 DIN471 PHB	16	1
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	17	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	18	1
0.3431.483	BALL BEARING 6203	19	2

JOHNSON PUMP
AN SPX BRAND

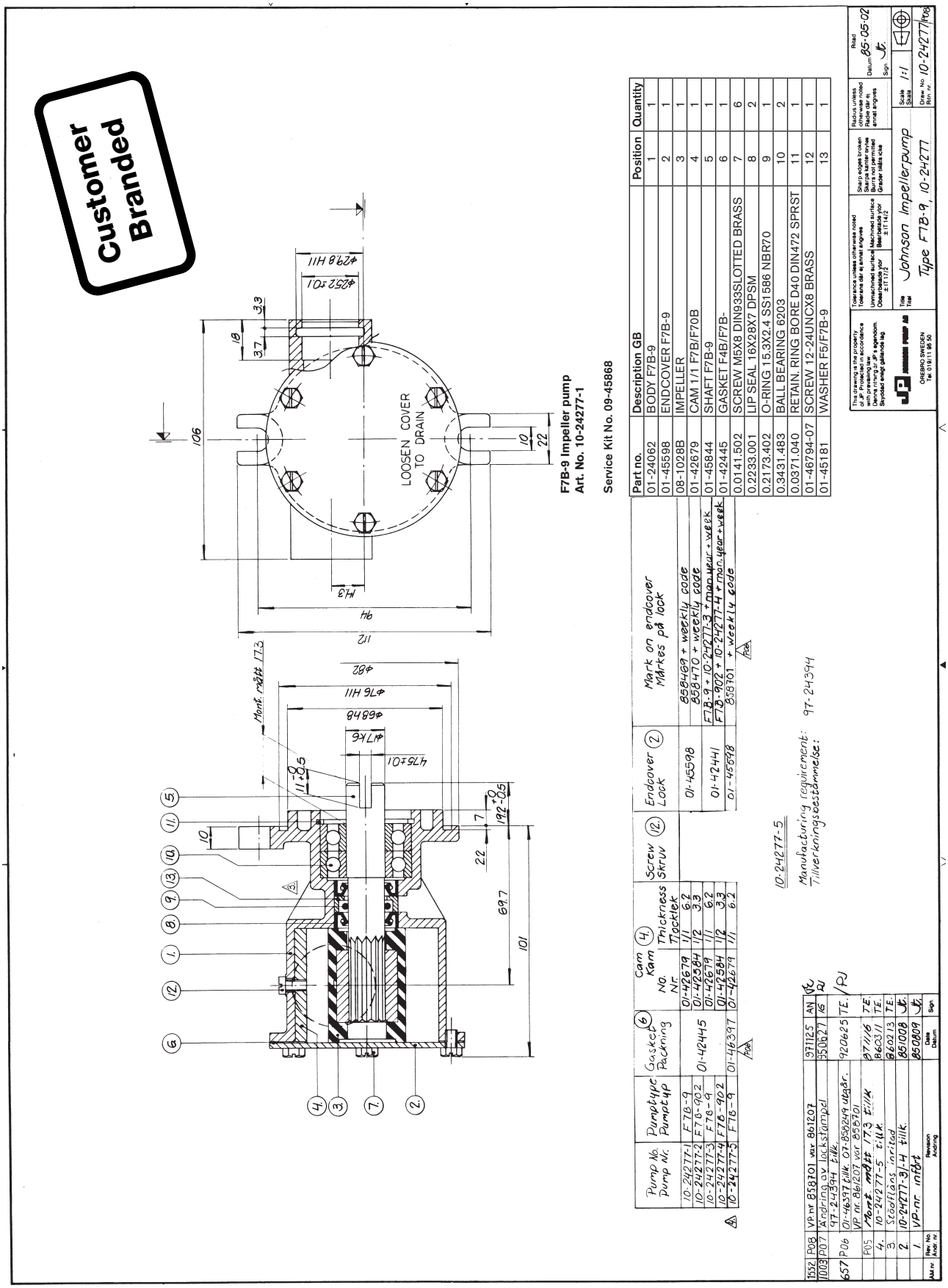
F7B-902 Impeller pump
Art. No. 10-24253-1

Part. No.	Description Gb	Position	Quantity
01-21862-4	BODY F7B-	1	1
01-42584	CAM 1/2 F7B	2	1
08-1028B	IMPELLER	3	1
01-35220	SHAFT F7B-902	4	1
01-42441	ENDCOVER F7B-	5	1
01-42445	GASKET F4B/F7B-	6	1
01-42443	WEARPLATE F7B/F70B	7	1
01-42400	PIN F35B-/F7B/F70B	8	1
01-24254-2	BEARING HOUSING F7B-9	9	1
01-42537	SPACER F5/F7B-9	10	1
01-45174	WASHER F7B-3000/-5000	11	1
01-42402	SLINGER F5/F7B-	12	1
0.0370.516	EXT. CIRCLIP D16 DIN471 PHB	13	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	14	1
0.0371.047	RETAIN. RING BORE D47 DIN472 SPRST	15	1
0.0503.032	WOODRUFKEY 5X6.5X16 DIN6888 ST	16	1
0.2247.050	MECH.SEAL COMPL 5/8" 106BT2C1	17	1
0.2233.017	LIP SEAL 16X32X7 DPSM	18	1
0.3431.523	BALL BEARING 6303 ST	19	2
01-46794-05	SCREW 10-32UNFX8 BRASS	20	6
01-46794-06	SCREW 12-24UNCX6.5 BRASS	21	1
0.0144.001	BOLT 1/4"-20UNCX57 SS1943 STZN	22	1
0.0353.402	WASHER D6,5 X D11,8 X1,6	23	1
0.0194.001	NUT 1/4"-20UNC SS1989 8.8ZN	24	1

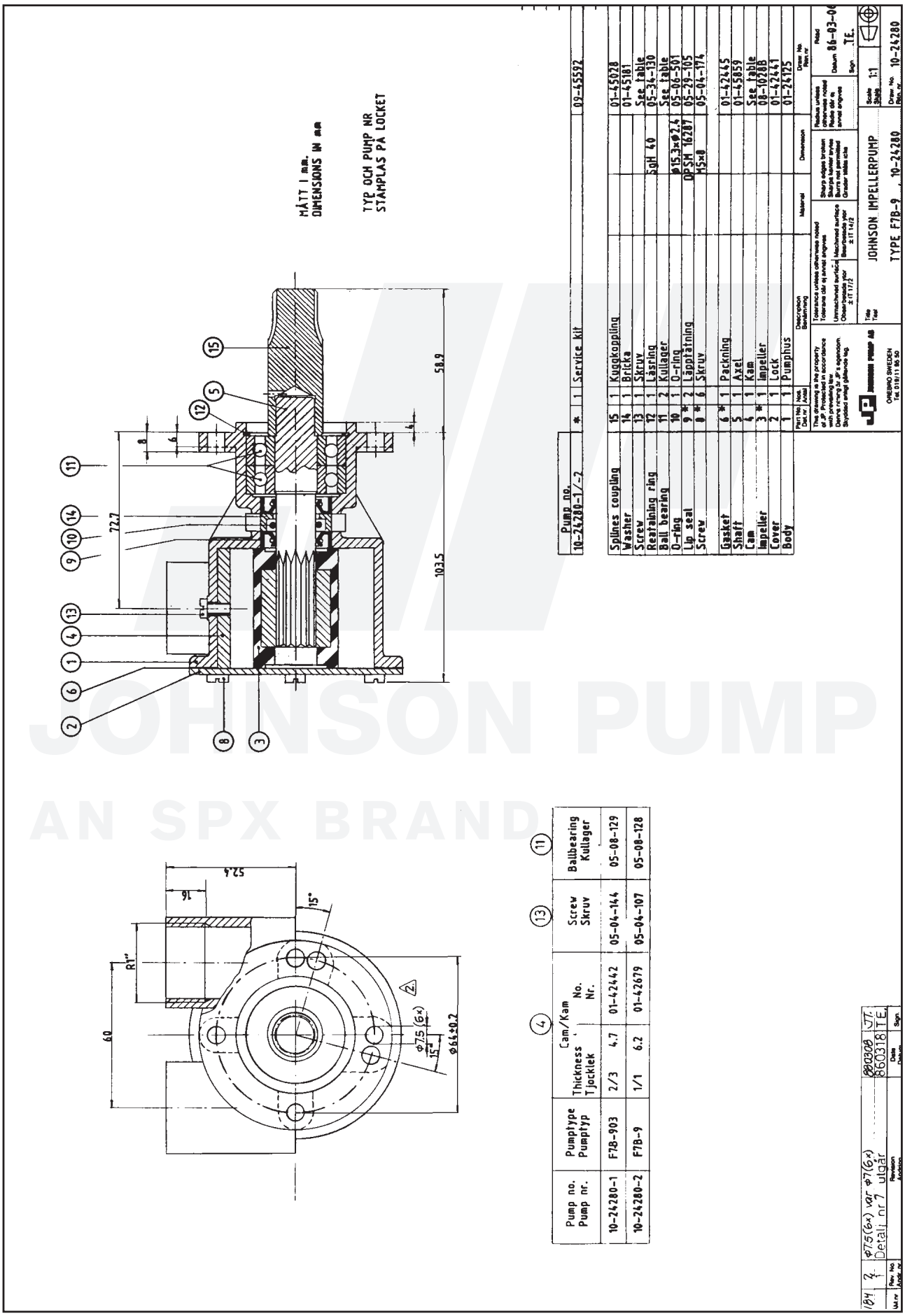
The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB


Märkning på lock
Mark on endcover
Pump typ
Pump type
Pump nr/ stycklista
Pump no/ parts list
Ritning nr
Drawing no
F7B-902
F7B-9
F7B-9
10-24253-1
10-24253-2
10-24253-3
03-24253
Pumptyp + pump nr + veckokod
Pump type + pump no + weekly code
Detaljnr enligt stycklista
Part nos according to parts list
ROTATION
IN
OUT
JOHNSON PUMP AB
SWEDEN
LOOSEN COVER TO DRAIN
Johnson Impellerpump F7B-9
03-24253
P07
Kona
Taper 1:5
M14x1.5
120
111
80
65
33.5
32.4
12
17.9
2.2
1"-11 1/2 NPTF (2x)
R 12 (2x)
R 43
112
30°
40°
40
Ø 11 (2x)
Ø 69.2
Ø 60.7
Ø 19
5 h9
Ø60 h7
P07 C1 Mark on endcover changed 960613 IG
P06 Redrawn. 10-24253-3 added. 930311 PJ

10-24277 pump F7B-9

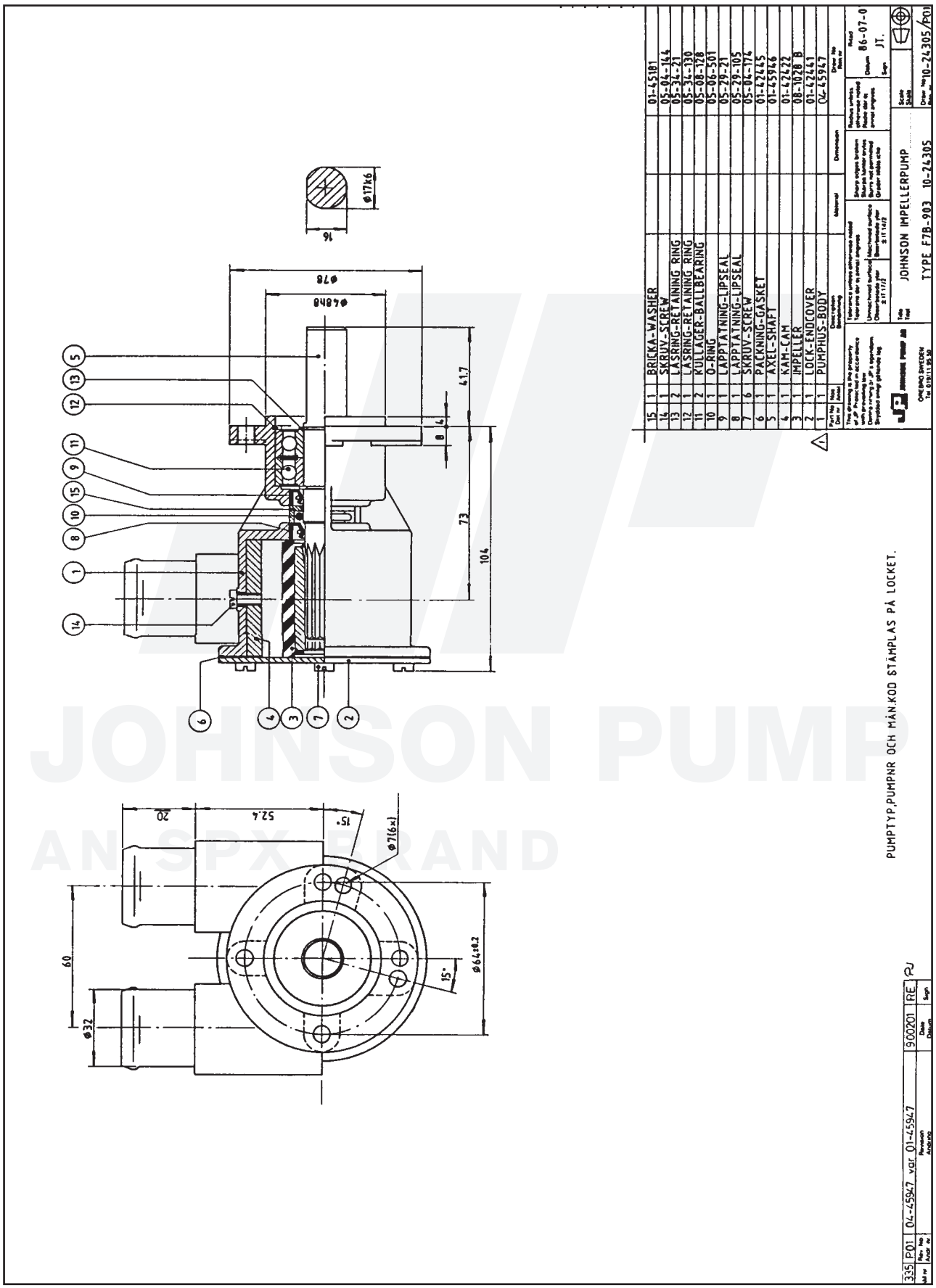


The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB

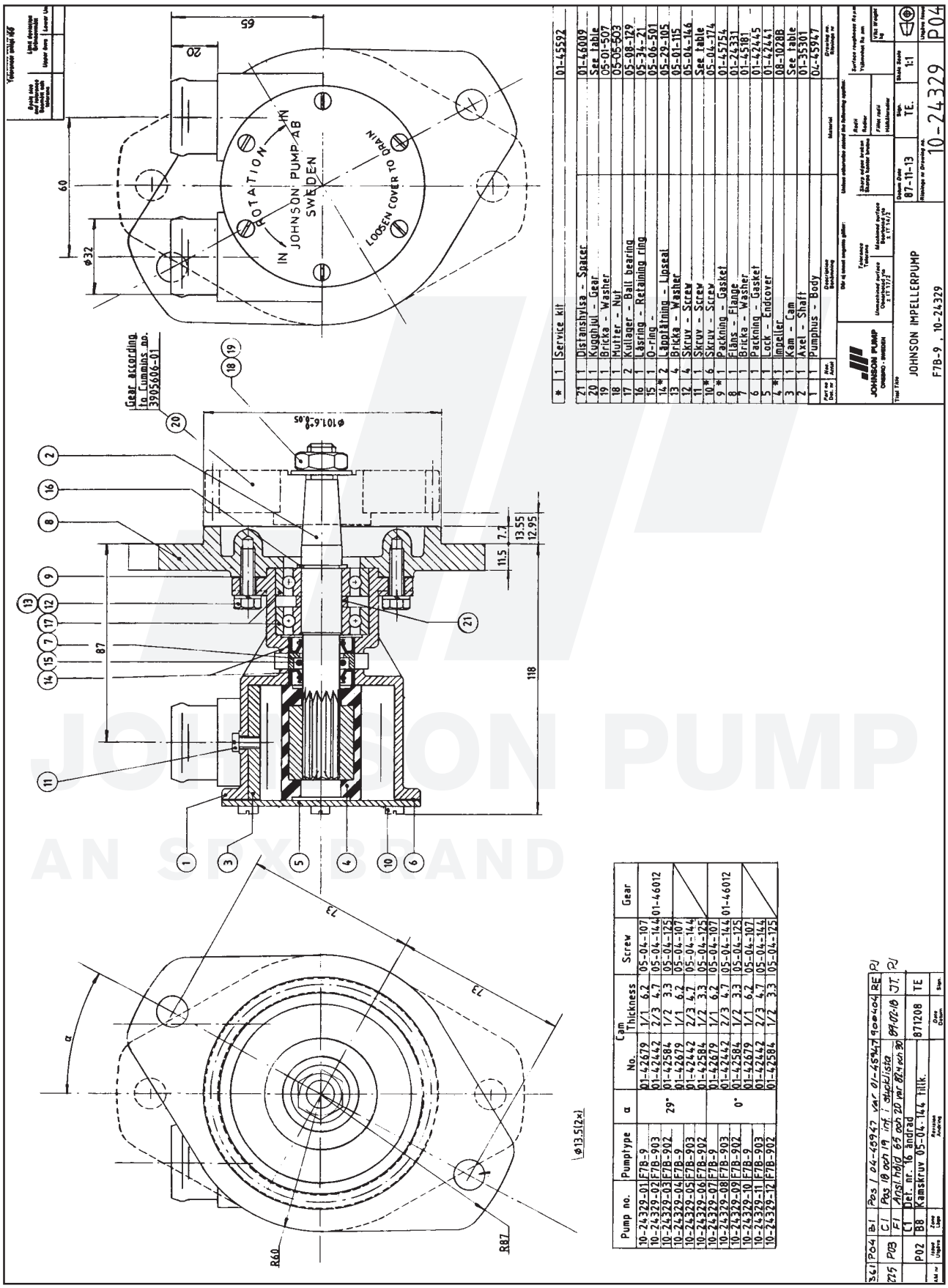


JOHNSON PUMP
AN SPX BRAND

10-24305 pump F7B-903



The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB



*	1	Service kit	01-45592
21	1	Distanshylsa - Spacer	01-46009
20	1	Kugghjul - Gear	See table
19	1	Bricka - Washer	05-01-507
18	1	Mutter - Nut	05-05-503
17	2	Kullager - Ball bearing	05-08-129
16	1	Låsring - Retaining ring	05-34-21
15	1	O-ring -	05-06-501
14 *	2	Läpptätning - Lipseal	05-29-105
13	4	Bricka - Washer	05-01-115
12	4	Skruv - Screw	05-04-146
11	1	Skruv - Screw	See table
10 *	6	Skruv - Screw	05-04-174
9 *	1	Packning - Gasket	01-45754
8	1	Flans - Flange	01-44331
7	1	Bricka - Washer	01-45181
6	1	Packning - Gasket	01-42445
5	1	Lock - Endcover	01-42441
4 *	1	Impeller	08-10288
3	1	Kam - Cam	See table
2	1	Axel - Shaft	01-35301
1	1	Pumphus - Body	04-45947

Pump no.	Pumptype	α	Cam No.	Cam Thickness	Screw	Gear
10-24329-01	F7B-9	29°	01-42679	1/1 6.2	05-04-107	01-46012
10-24329-02	F7B-903		01-42442	2/3 4.7	05-04-144	
10-24329-03	F7B-902		01-42584	1/2 3.3	05-04-125	
10-24329-04	F7B-9		01-42679	1/1 6.2	05-04-107	
10-24329-05	F7B-903		01-42442	2/3 4.7	05-04-144	
10-24329-06	F7B-902		01-42584	1/2 3.3	05-04-125	
10-24329-07	F7B-9	0°	01-42679	1/1 6.2	05-04-107	01-46012
10-24329-08	F7B-903		01-42442	2/3 4.7	05-04-144	
10-24329-09	F7B-902		01-42584	1/2 3.3	05-04-125	
10-24329-10	F7B-9		01-42679	1/1 6.2	05-04-107	
10-24329-11	F7B-903		01-42442	2/3 4.7	05-04-144	
10-24329-12	F7B-902		01-42584	1/2 3.3	05-04-125	

361	P04	B1	Pos 1 04-45947 var 01-45947	900404	RE PJ
225	P03	C1	Pos 18 och 19 inf. i stycklista	891202/0	JT PJ
		F1	Ändr.hålbild 65 och 20 var 82 och 30		
	P02	C1	Def. nr. 16 ändrad	871208	TE
	B8		Kamskruv 05-04-144 Tillk.		

JOHNSON PUMP
AN SPX BRAND

F7B-9 Impeller pump
Art. No. 10-24349-01

Service Kit No. 09-45592

Part no.	Description GB	Position	Quantity
01-24125	BODY F7B-9	1	1
01-42441	ENDCOVER F7B-	2	1
08-1028B	IMPELLER	3	1
01-42679	CAM 1/1 F7B/F70B	4	1
01-46092	SHAFT F7B-9	5	1
01-42445	GASKET F4B/F7B-	6	1
0.0279.033	SCREW M5X8 ISO1207 BRASS	7	6
0.2233.001	LIP SEAL 16X28X7 DPSM	8	2
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	9	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	10	2
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	11	1
01-46794-01	SCREW 12-24UNCX9.5 BRASS	12	1
01-45181	WASHER F5/F7B-9	13	1

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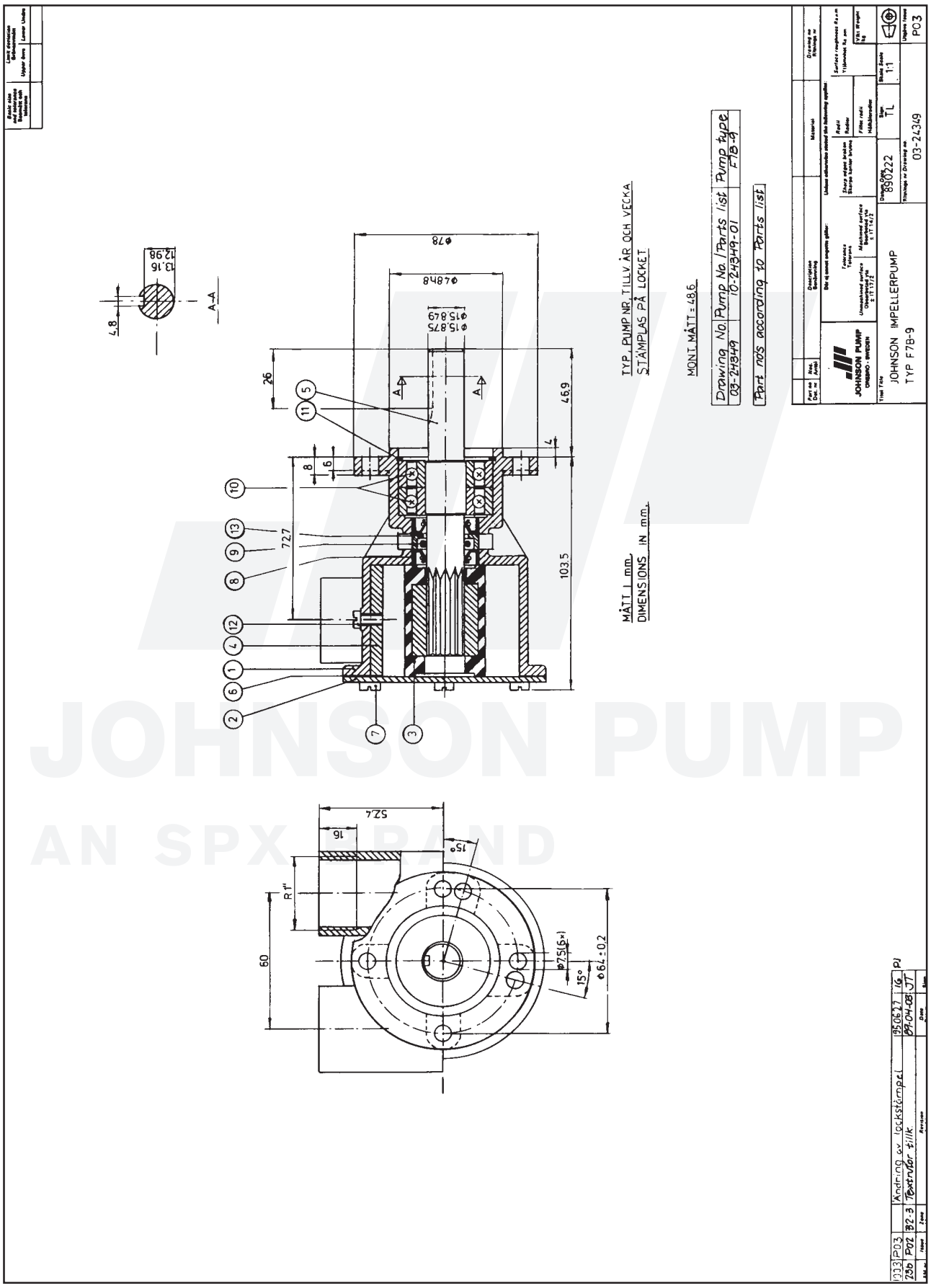


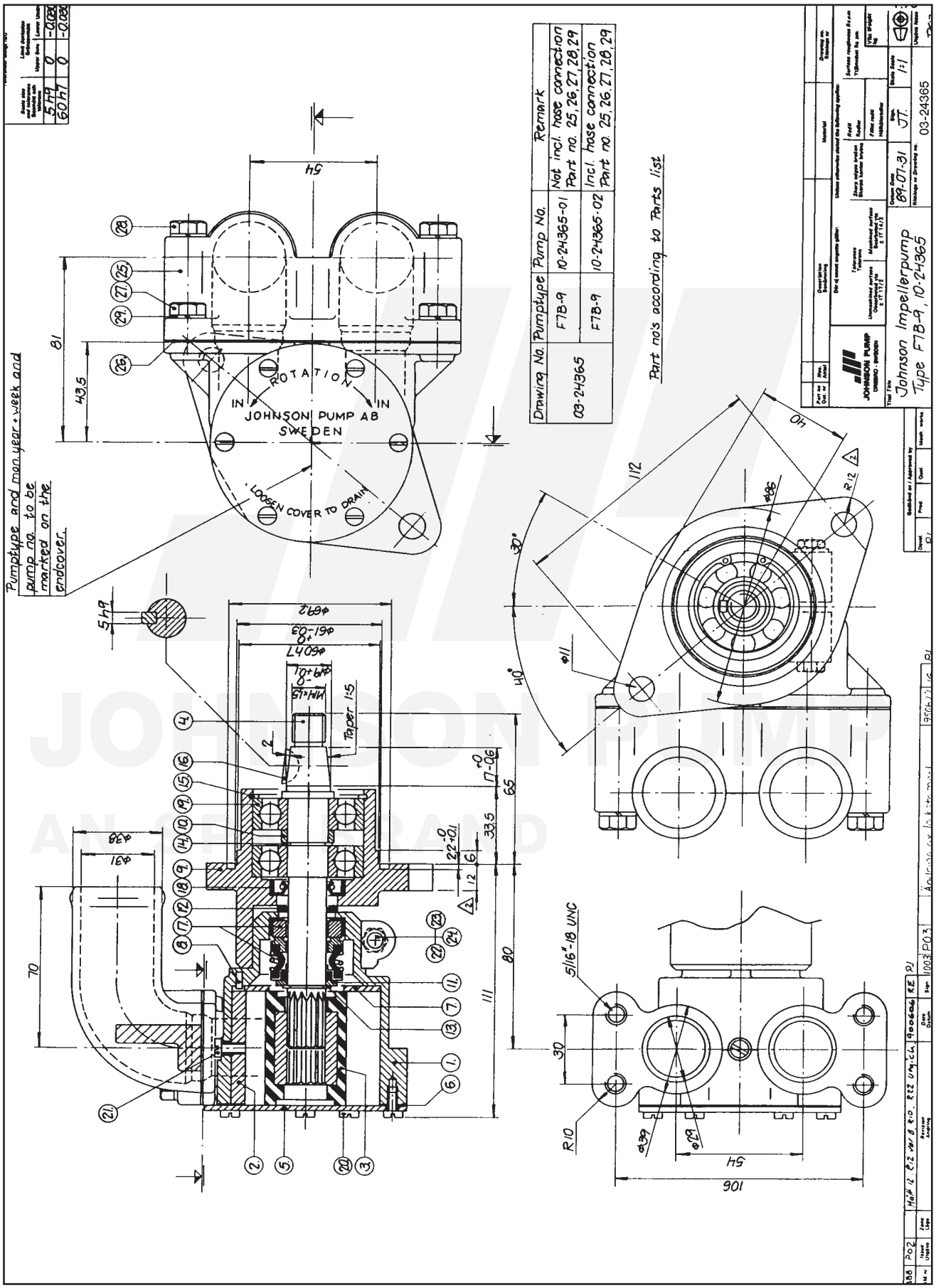
JOHNSON PUMP
AN SPX BRAND

F7B-9 Impeller pump
Art. No. 10-24365-02

Part. No.	Description GB	Position	Quantity
01-22151-2	BODY F7B-9	1	1
01-42679	CAM 1/1 F7B/F70B	2	1
08-1028B	IMPELLER	3	1
01-35220	SHAFT F7B-902	4	1
01-42441	ENDCOVER F7B-	5	1
01-42445	GASKET F4B/F7B-	6	1
01-42443	WEARPLATE F7B/F70B	7	1
01-42400	PIN F35B-/F7B/F70B	8	1
01-24254-2	BEARING HOUSING F7B-9	9	1
01-42537	SPACER F5/F7B-9	10	1
01-45174	WASHER F7B-3000/-5000	11	1
01-42402	SLINGER F5/F7B-	12	1
0.0370.516	EXT. CIRCLIP D16 DIN471 PHB	13	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	14	1
0.0371.047	RETAIN. RING BORE D47 DIN472 SPRST	15	1
0.0503.032	WOODRUFKEY 5X6.5X16 DIN6888 ST	16	1
0.2247.050	MECH.SEAL COMPL 5/8” 106BT2C1	17	1
0.2233.017	LIP SEAL 16X32X7 DPSM	18	1
0.3431.523	BALL BEARING 6303 ST	19	2
01-46794-05	SCREW 10-32UNFX8 BRASS	20	6
01-46794-01	SCREW 12-24UNCX9.5 BRASS	21	1
0.0144.001	BOLT 1/4”-20UNCX57 SS1943 STZN	22	1
0.0353.402	WASHER D6,5 X D11,8 X1,6	23	1
0.0194.001	NUT 1/4”-20UNC SS1989 8.8ZN	24	1
01-24366	HOSE CONNECTION F7B-9	25	1
01-46138	GASKET F7B-9	26	1
0.0144.002	BOLT 5/16”-18UNCX20 SS1943	27	2
0.0144.005	BOLT UNC5/16”X57 SS1943 8.8ZN	28	2
0.0353.309	SPRINGWASH D8.2 DIN127 STZN	29	4

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB

10-24365 pump F7B-9



Drawing No.	Pumptype	Pump No.	Remark
03-24365	F7B-9	10-24365-01	Not incl. hose connection Part no. 25,26,27,28,29
	F7B-9	10-24365-02	Incl. hose connection Part no 25,26,27,28,29

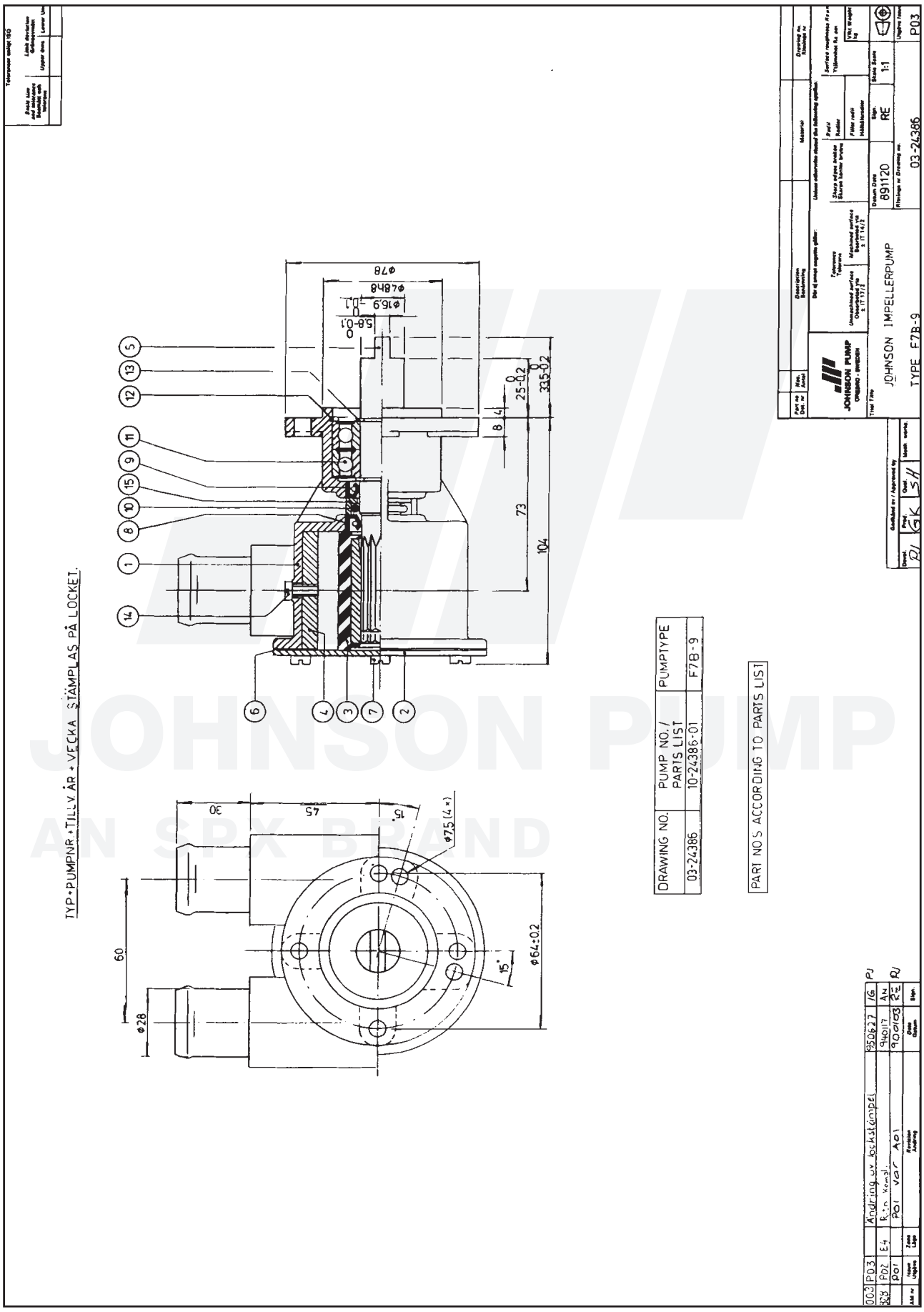
JOHNSON PUMP
AN IDEX BRAND

F7B-9 Impeller pump
Art. No. 10-24386-01

Service Kit No. 09-45592

Part no.	Description GB	Position	Quantity
04-46194-01	BODY F7B-9	1	1
01-42441	ENDCOVER F7B-	2	1
08-1028B	IMPELLER	3	1
01-42679	CAM 1/1 F7B/F70B	4	1
01-46195	SHAFT F7B-9	5	1
01-42445	GASKET F4B/F7B-	6	1
0.0279.033	SCREW M5X8 ISO1207 BRASS	7	6
0.2233.001	LIP SEAL 16X28X7 DPSM	8	1
0.2234.482	OIL SEAL 17X28X7 DIN3760A R NBR	9	1
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	10	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	11	2
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	12	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	13	2
01-46794-01	SCREW 12-24UNCX9.5 BRASS	14	1
01-45181	WASHER F5/F7B-9	15	1

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB



JOHNSON PUMP
AN SPX BRAND

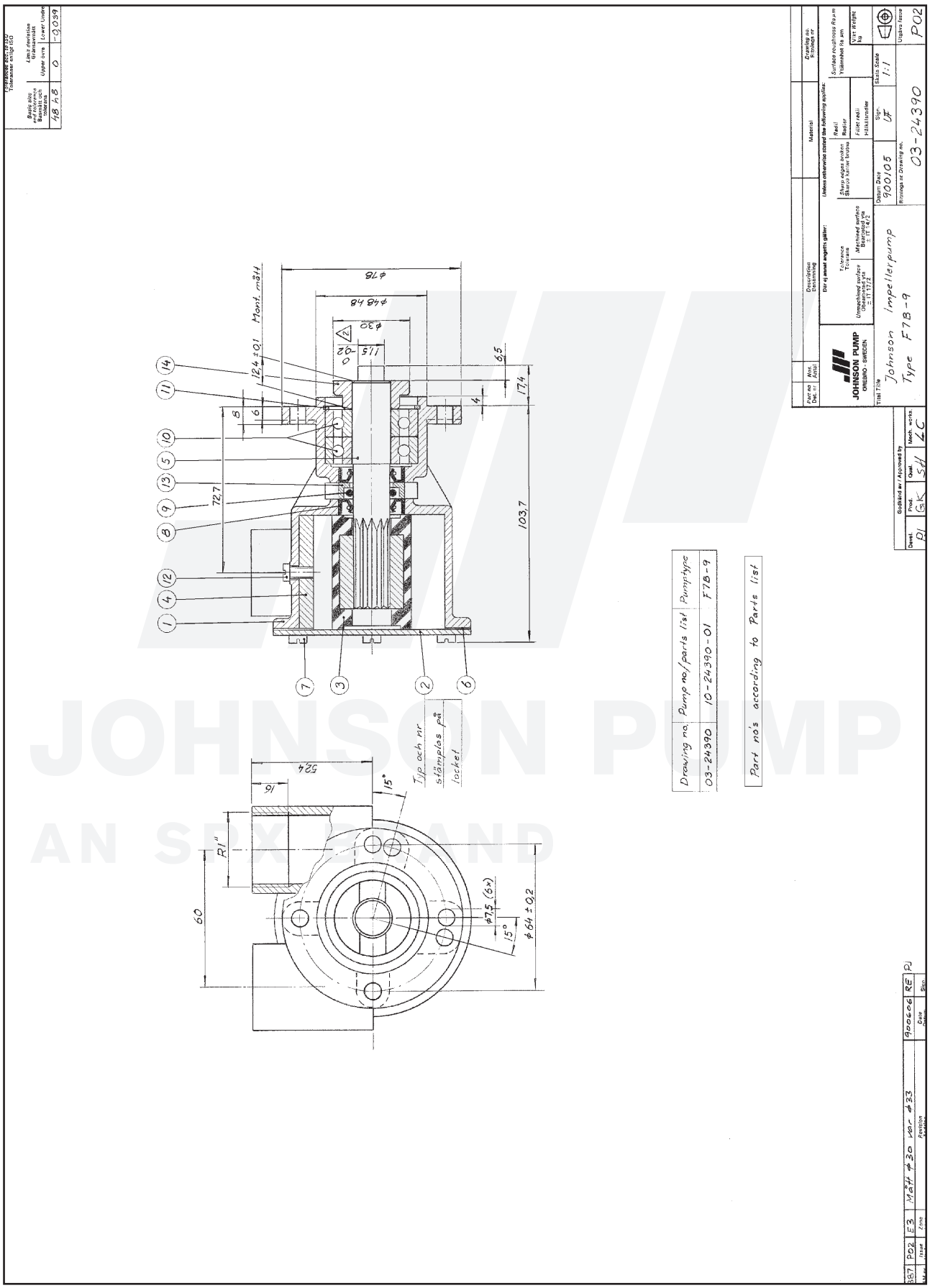
F7B-9 Impeller pump
Art. No. 10-24390-01

Service Kit No. 09-45592

Part No.	Description GB	Position	Quantity
01-24125	Body	1	1
01-42441	End cover	2	1
08-1028B	Impeller	3	1
01-42676	Cam	4	1
01-46209	Shaft	5	1
01-42445	Gasket	6	1
05-04-174	Screw	7	6
05-29-105	Lipseal	8	2
05-06-501	O.ring	9	1
05-08-129	Ballbearing	10	2
05-34-130	Retaining ring	11	1
05-04-107	Screw	12	1
01-45181	Washer	13	1
01-46210	Coupling	14	1

JOHNSON PUMP
AN SPX BRAND

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB



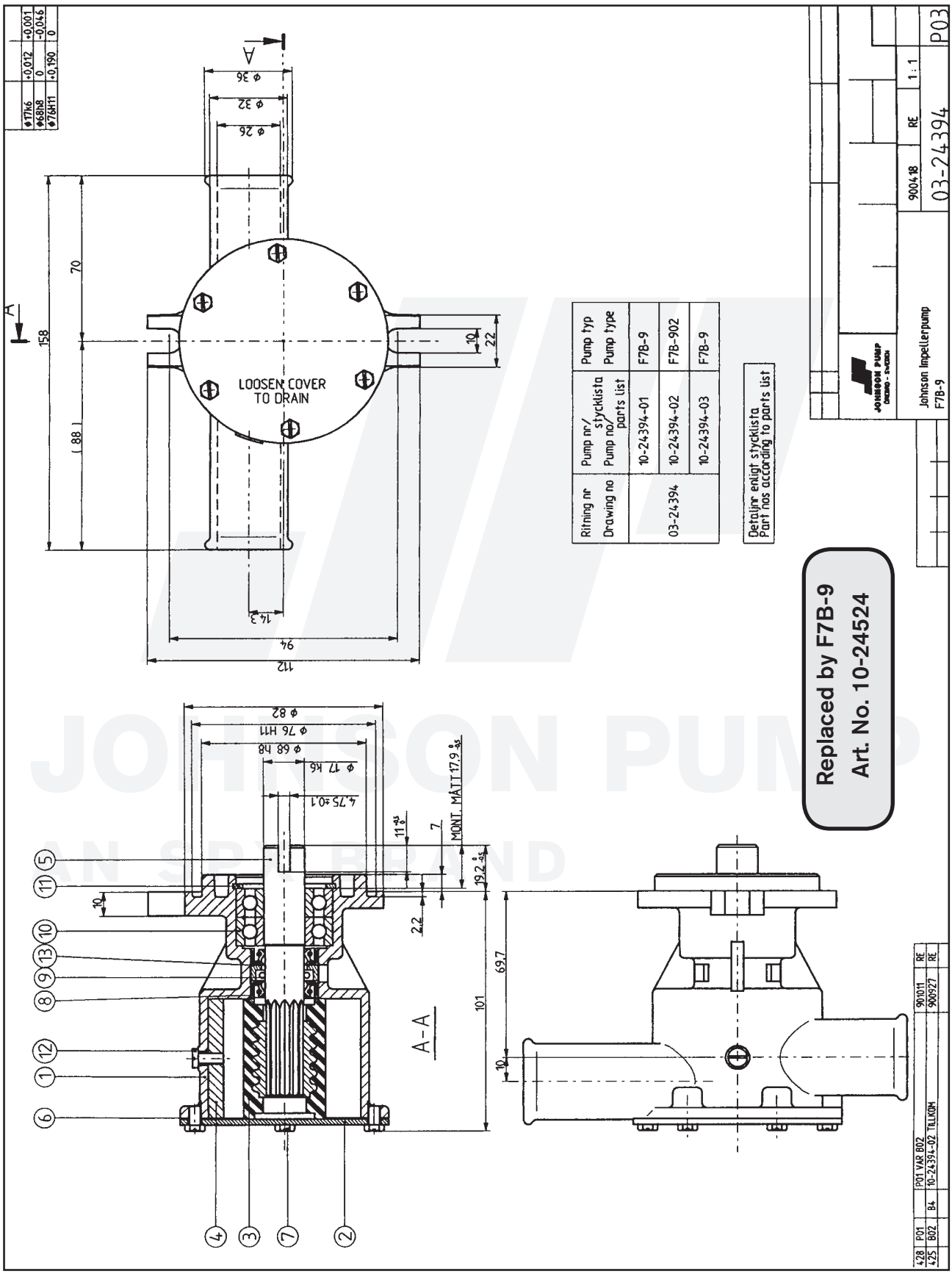
JOHNSON PUMP
AN SPX BRAND

F7B-9 Impeller pump
Art. No. 10-24394-01

Service Kit No. 09-45592

Part No.	Description GB	Position	Quantity
01-24393	Body	1	1
01-46242	End cover	2	1
08-1028B	Impeller	3	1
01-42679	Cam	4	1
01-45844	Shaft	5	1
01-42445	Gasket	6	1
05-04-550	Screw	7	6
05-29-105	Lipseal	8	2
05-06-501	O.ring	9	1
05-08-129	Ballbearing	10	2
05-34-130	Retainging ring	11	1
05-04-144	Screw	12	1
05-34-21	Retaining ring	13	1
01-45181	Washer	14	1

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB


LOOSEN COVER TO DRAIN
A-A
MONT. MÅTT 17.9
Ritning nr Drawing no
Pump nr/ stycklista Pump no/ parts list
Pump typ Pump type
10-24394-01 F7B-9
10-24394-02 F7B-902
10-24394-03 F7B-9
03-24394
Detaljnr enligt stycklista Part nos according to parts list
Johnson Impellerpump F7B-9
03-24394 P03
Replaced by F7B-9
Art. No. 10-24524

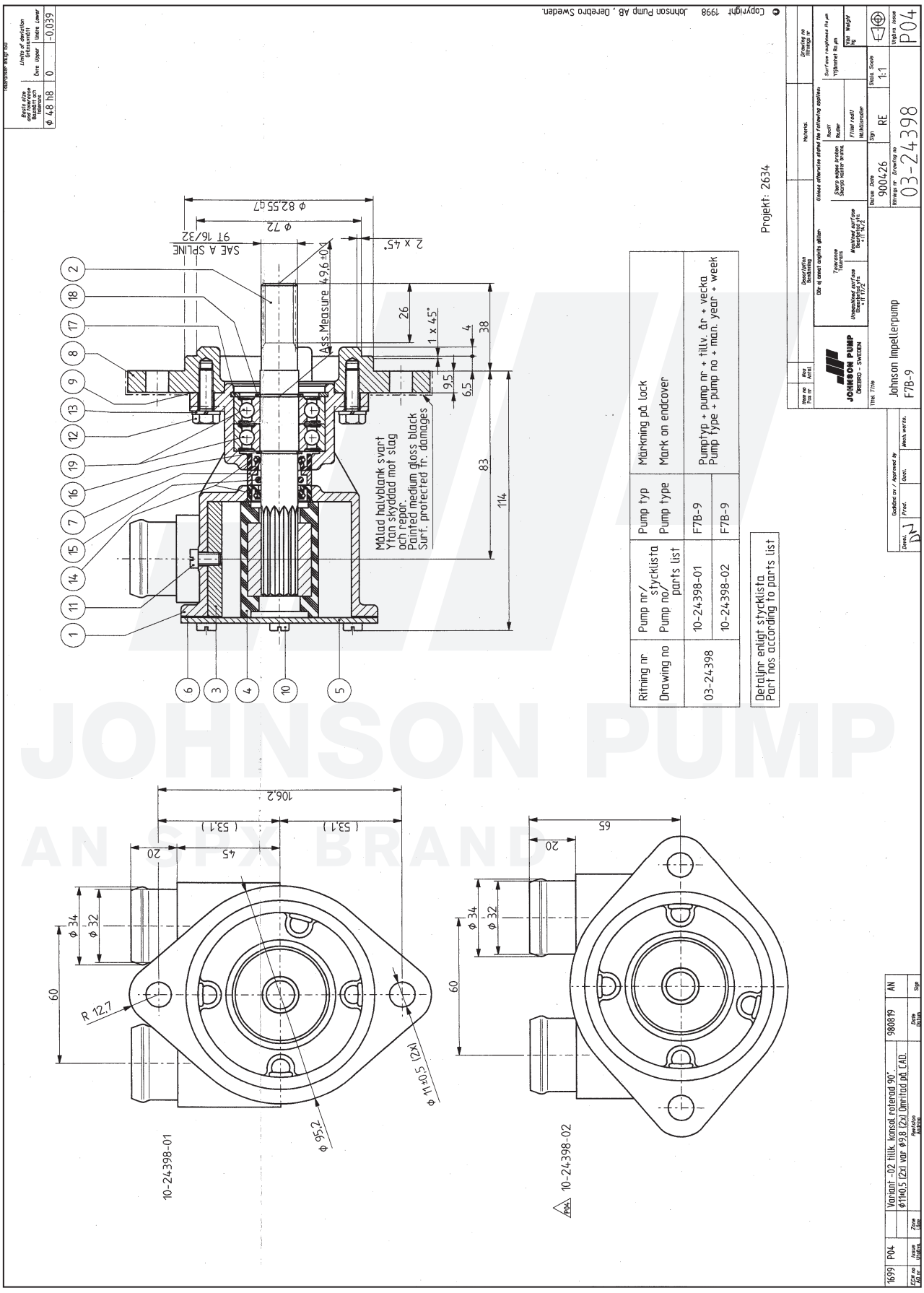
F7B-9 Impeller pump
Art. No. 10-24398-01

Part no.	Description GB	Position	Quantity
01-24125-2	BODY F7B-9	1	1
01-35670	SHAFT F7B-9	2	1
01-42679	CAM 1/1 F7B/F70B	3	1
08-1028B	IMPELLER	4	1
01-42441	ENDCOVER F7B-	5	1
01-42445	GASKET F4B/F7B-	6	1
01-45181	WASHER F5/F7B-9	7	1
01-35213-2	FLANGE F7B-9	8	1
01-45754	GASKET F7B-9	9	1
0.0279.033	SCREW M5X8 ISO1207 BRASS	10	6
01-46794-01	SCREW 12-24UNCX9.5 BRASS	11	1
0.0141.911	TAPBOLT M6X20 DIN933 STZN	12	4
0.0353.402	WASHER D6,5 X D11,8 X1,6	13	4
0.2233.001	LIP SEAL 16X28X7 DPSM	14	2
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	15	1
0.0370.516	EXT. CIRCLIP D16 DIN471 PHB	16	1
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	17	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	18	1
0.3431.483	BALL BEARING 6203	19	2

F7B-9 Impeller pump
Art. No. 10-24398-02

Part No.	Description GB	Position	Quantity
01-24125-2	BODY F7B-9	1	1
01-35670	SHAFT F7B-9	2	1
01-42679	CAM 1/1 F7B/F70B	3	1
08-1028B	IMPELLER	4	1
01-42441	ENDCOVER F7B-	5	1
01-42445	GASKET F4B/F7B-	6	1
01-45181	WASHER F5/F7B-9	7	1
01-35213-2	FLANGE F7B-9	8	1
01-45754	GASKET F7B-9	9	1
0.0279.033	SCREW M5X8 ISO1207 BRASS	10	6
01-46794-01	SCREW 12-24UNCX9.5 BRASS	11	1
0.0141.911	TAPBOLT M6X20 DIN933 STZN	12	4
0.0353.402	WASHER D6,5 X D11,8 X1,6	13	4
0.2233.001	LIP SEAL 16X28X7 DPSM	14	2
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	15	1
0.0370.516	EXT. CIRCLIP D16 DIN471 PHB	16	1
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	17	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	18	1
0.3431.483	BALL BEARING 6203	19	2

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB



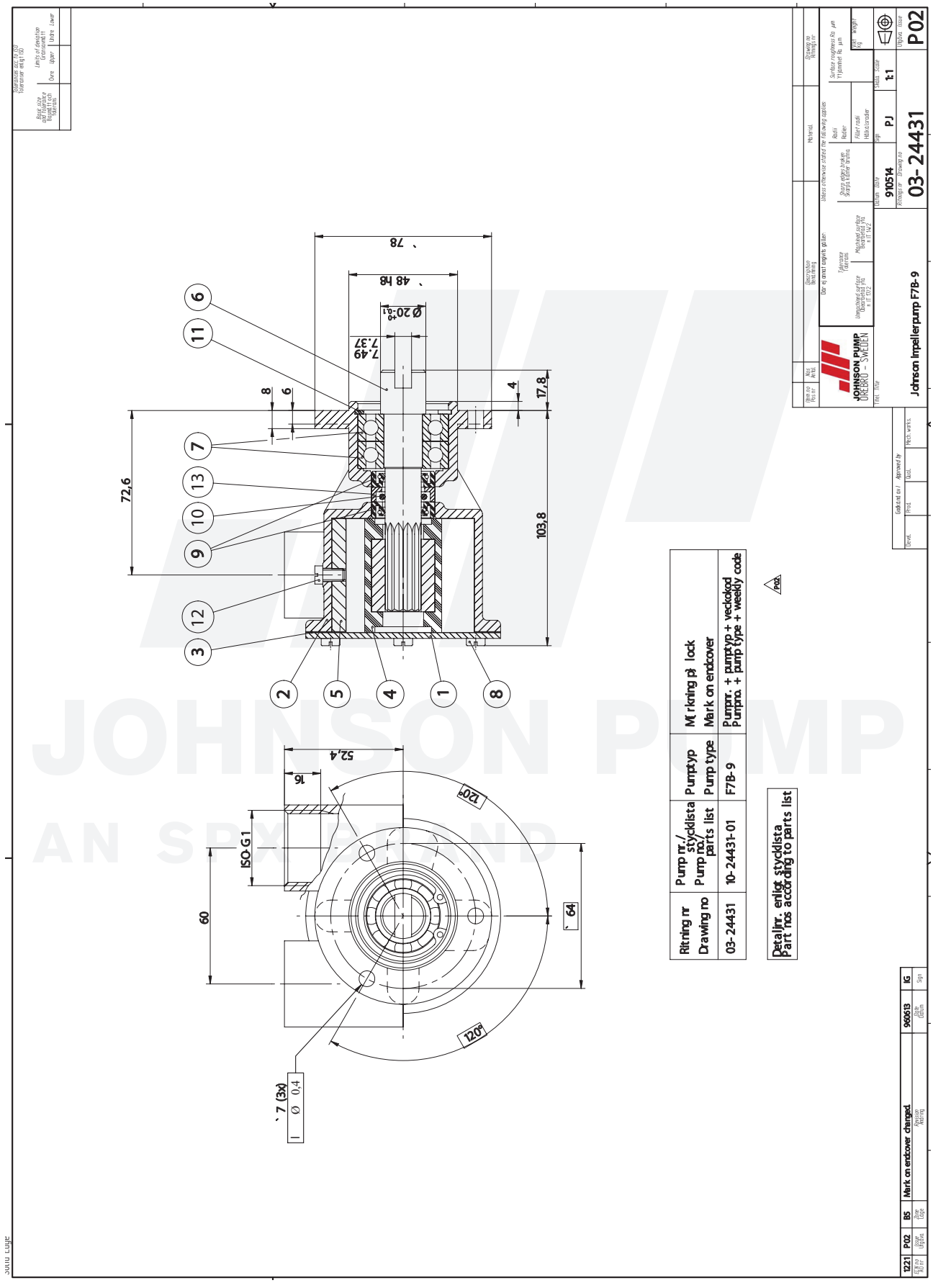
JOHNSON PUMP
AN SPX BRAND

F7B-9 Impeller pump
Art. No. 10-24431-01

Service Kit No. 0.2233.001

Part no.	Description GB	Position	Quantity
01-42441	ENDCOVER F7B-	1	1
01-24125-3	BODY F7B-9	2	1
01-42445	GASKET F4B/F7B-	3	1
08-1028B	IMPELLER	4	1
01-42679	CAM 1/1 F7B/F70B	5	1
01-45248	SHAFT F7B-9	6	1
0.3431.483	BALL BEARING 6203	7	2
0.0279.033	SCREW M5X8 ISO1207 BRASS	8	6
0.2233.001	LIP SEAL 16X28X7 DPSM	9	2
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	10	1
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	11	1
01-46794-01	SCREW 12-24UNCX9.5 BRASS	12	1
01-45181	WASHER F5/F7B-9	13	1

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB



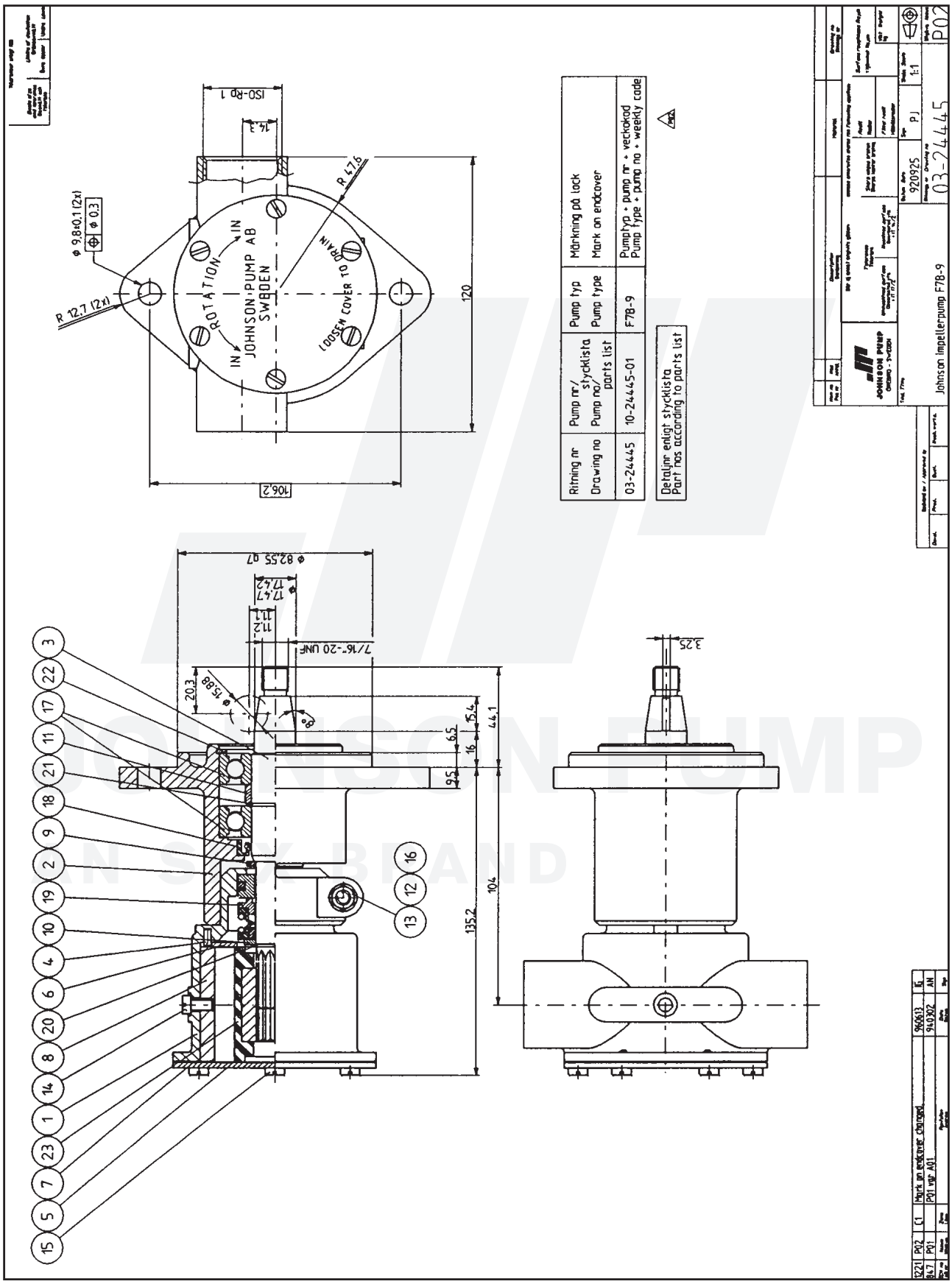
JOHNSON PUMP
AN SPX BRAND

F7B-9 Impeller pump
Art. No. 10-24445-01

Service Kit No. 09-45590

Part no.	Description GB	Position	Quantity
01-21862-2	BODY F7B-1/-3/-9	1	1
01-24446-1	BEARING HOUSING F5B/F7B-9	2	1
01-35713	SHAFT F5B/F7B-9	3	1
01-42400	PIN F35B-/F7B/F70B	4	1
01-42441	ENDCOVER F7B-	5	1
01-42443	WEARPLATE F7B/F70B	6	1
01-42445	GASKET F4B/F7B-	7	1
01-42679	CAM 1/1 F7B/F70B	8	1
01-42402	SLINGER F5/F7B-	9	1
01-45174	WASHER F7B-3000/-5000	10	1
01-45323	SPACER F5/F7B-9	11	1
0.0353.402	WASHER D6,5 X D11,8 X1,6	12	1
0.0144.001	BOLT 1/4”-20UNCX57 SS1943 STZN	13	1
01-46794-01	SCREW 12-24UNCX9.5 BRASS	14	1
01-46794-05	SCREW 10-32UNFX8 BRASS	15	6
0.0194.001	NUT 1/4”-20UNC SS1989 8.8ZN	16	1
0.3431.484	BALL BEARING 6204 ST	17	2
0.2233.350	LIP SEAL 20X32X7 DPSM	18	1
0.2247.050	MECH.SEAL COMPL 5/8” 106BT2C1	19	1
0.0370.516	EXT. CIRCLIP D16 DIN471 PHB	20	1
0.0370.020	EXT. CIRCLIP D20 DIN471 ST	21	1
0.0371.047	RETAIN. RING BORE D47 DIN472 SPRST	22	1
08-1028B	IMPELLER	23	1

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB



The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB

F7B-902 Impeller pump
Art. No. 10-24475-01

Service Kit No. 09-45592

Part. No.	Description GB	Position	Quantity
01-24474-1	BODY F7B-9	1	1
01-42441	ENDCOVER F7B-	2	1
01-42445	GASKET F4B/F7B-	3	1
01-42584	CAM 1/2 F7B	4	1
01-45181	WASHER F5/F7B-9	5	1
01-46476	SHAFT F7B-9	6	1
01-46794-06	SCREW 12-24UNCX6.5 BRASS	7	1
0.0279.033	SCREW M5X8 ISO1207 BRASS	8	6
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	9	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	10	2
0.2233.001	LIP SEAL 16X28X7 DPSM	11	2
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	12	1
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	13	1
08-1028B	IMPELLER	14	1

F7B-903 Impeller pump
Art. No. 10-24475-02

Service Kit No. 09-45592

Part. No.	Description GB	Position	Quantity
01-24474-1	BODY F7B-9	1	1
01-42441	ENDCOVER F7B-	2	1
01-42445	GASKET F4B/F7B-	3	1
01-42442	CAM 2/3 F7B/F70B	4	1
01-45181	WASHER F5/F7B-9	5	1
01-46476	SHAFT F7B-9	6	1
01-46794-07	SCREW 12-24UNCX8 BRASS	7	1
0.0279.033	SCREW M5X8 ISO1207 BRASS	8	6
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	9	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	10	2
0.2233.001	LIP SEAL 16X28X7 DPSM	11	2
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	12	1
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	13	1
08-1028B	IMPELLER	14	1

JOHNSON PUMP
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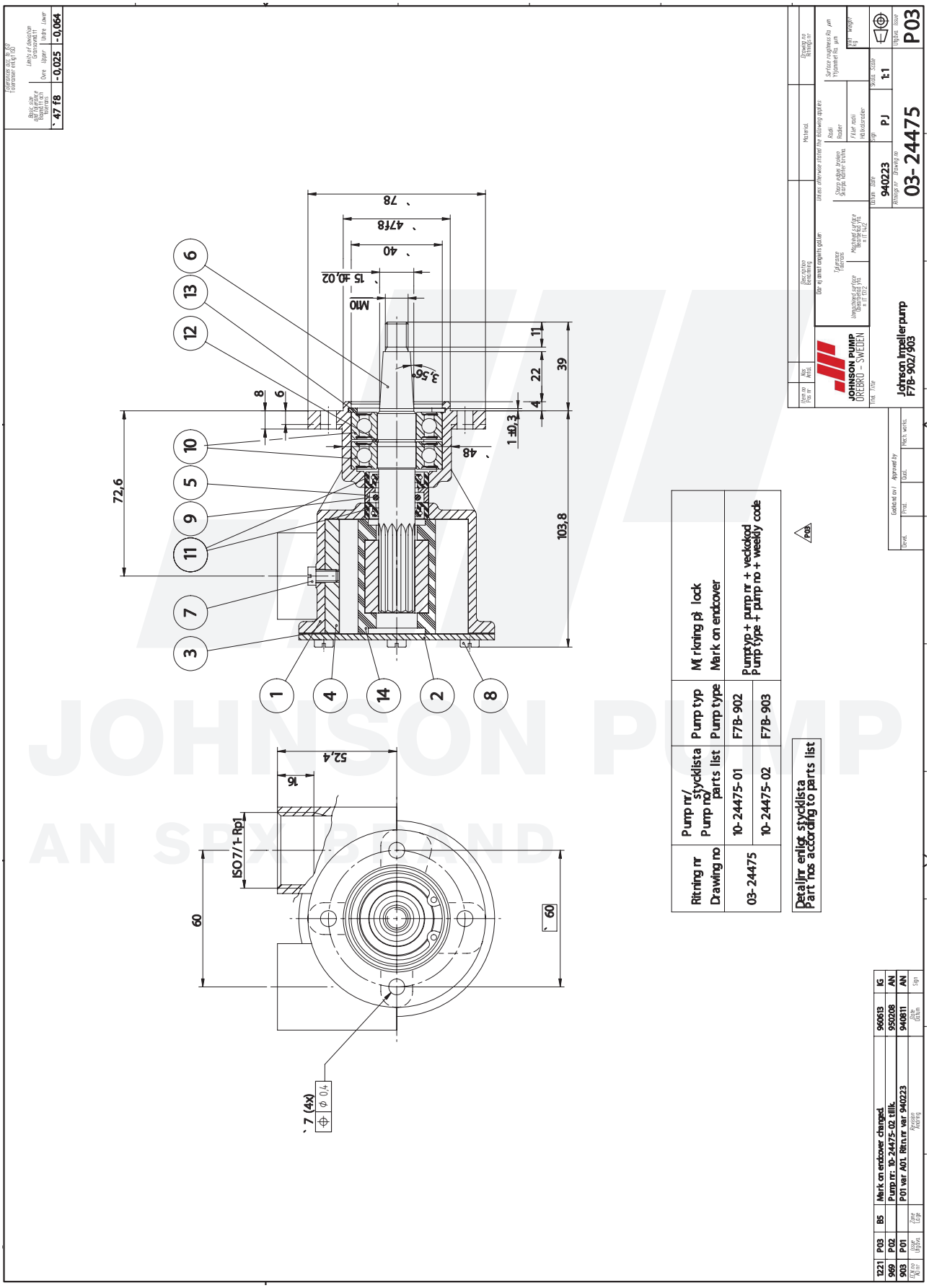

JOHNSON PUMP
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F7B-9 Impeller pump
Art. No. 10-24524-02

Part No.	Description GB	Position	Quantity
01-24521-1	BODY F7B-9 (VP)	1	1
01-46594-1	ENDCOVER F7B	2	1
08-1028B-01	IMPELLER VP825941	3	1
01-45844	SHAFT F7B-9	4	1
0.2172.012	O-RING 63,22X1,78 NBR70	5	1
0.0141.502	SCREW M5X8 DIN933SLOTTED BRASS	6	6
01-45181	WASHER F5/F7B-9	7	1
0.2233.001	LIP SEAL 16X28X7 DPSM	8	2
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	9	1
0.3431.483	BALL BEARING 6203	10	2
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	11	1
01-46816	WEAR PLATE F7B-9	12	1
0.0633.712	PLUG TYPE 278 D33.2MM CERBO	0	2

F7B-9 Impeller pump
Art. No. 10-24524-04

Part no.	Description GB	Position	Quantity
01-24521-4	BODY F7B-9 (VP)	1	1
01-46594-1	ENDCOVER F7B	2	1
08-1028B-01	IMPELLER VP825941	3	1
01-45844	SHAFT F7B-9	4	1
0.2172.012	O-RING 63,22X1,78 NBR70	5	1
0.0141.502	SCREW M5X8 DIN933SLOTTED BRASS	6	6
01-45181	WASHER F5/F7B-9	7	1
0.2233.001	LIP SEAL 16X28X7 DPSM	8	2
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	9	1
0.3431.483	BALL BEARING 6203	10	2
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	11	1
01-46816-2	WEAR PLATE F7B-9	12	1
0.0633.712	PLUG TYPE 278 D33.2MM CERBO	0	2

JOHNSON PUMP
AN SPX BRAND

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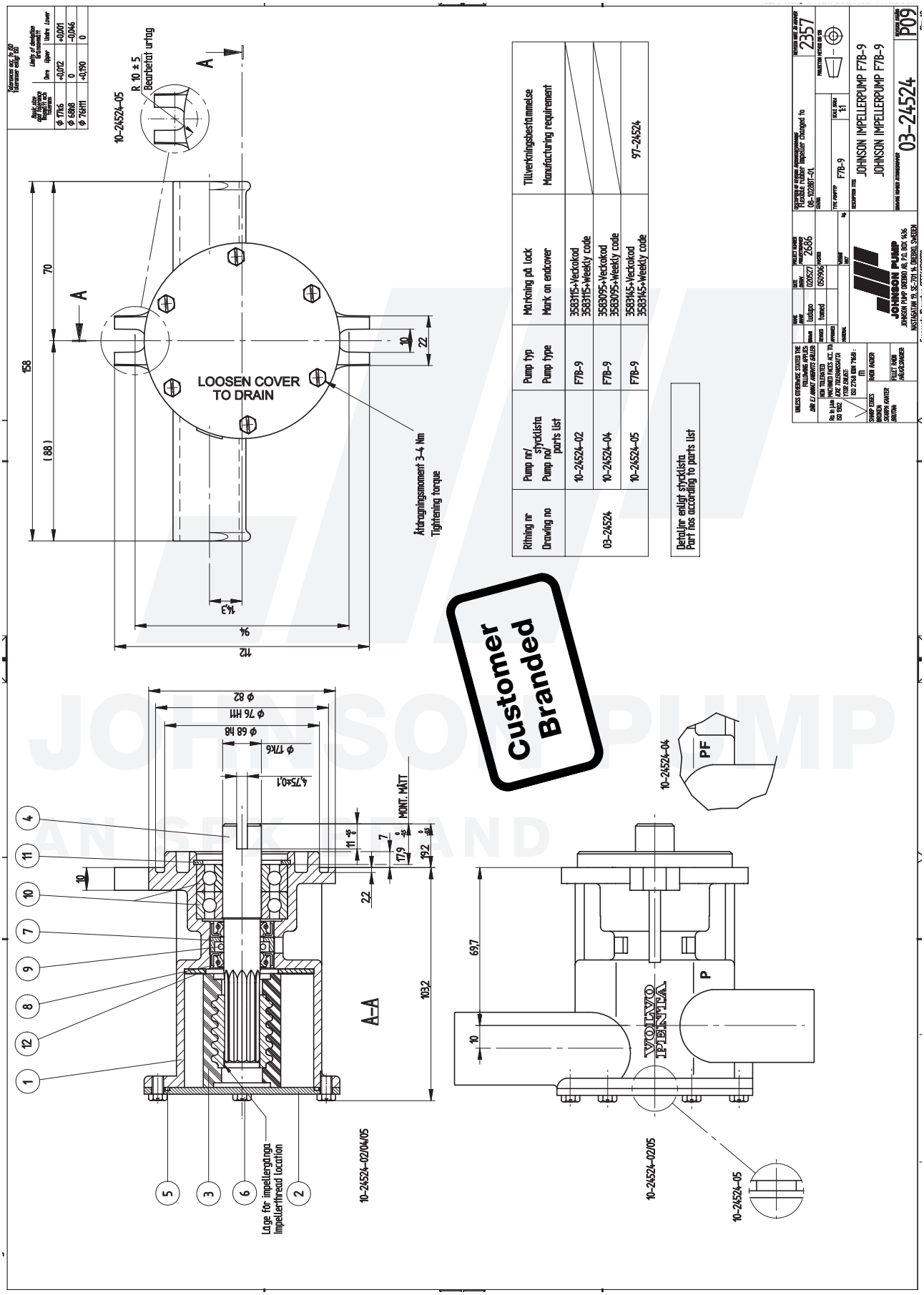

Ritning nr Drawing no	Pump nr/ stycklista Pump no/ parts list	Pump typ Pump type	Märkning på lock Mark on endcover	Tillverkningsbestämmelse Manufacturing requirement
03-24524	10-24524-02	F7B-9	3583115-Veckokod 3583115-Weekly code	97-24524
	10-24524-04	F7B-9	3583095-Veckokod 3583095-Weekly code	
	10-24524-05	F7B-9	3583145-Veckokod 3583145-Weekly code	

Detaljnr enligt stycklista
Part nos according to parts list

F7B-9 Impeller pump

Art.No. 10-24535-01

Part. No.	Description GB	Position	Quantity
01-13203-1	BODY F7B-9	1	1
01-35838	SHAFT F7B	2	1
01-46647	WEAR PLATE F7B SS	3	1
01-46648-1	ENDCOVER F7B	4	1
0.0141.502	SCREW M5X8 DIN933SLOTTED BRASS	5	6
0.3431.523	BALL BEARING 6303 ST	6	2
0.0371.047	RETAIN. RING BORE D47 DIN472 SPRST	7	1
01-42537	SPACER F5/F7B-9	8	1
0.2233.017	LIP SEAL 16X32X7 DPSM	9	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	10	1
0.2247.050	MECH.SEAL COMPL 5/8" 106BT2C1	11	1
01-45680	WASHER F5B/F6B/F7B	12	1
0.0370.516	EXT. CIRCLIP D16 DIN471 PHB	13	1
0.2172.012	O-RING 63,22X1,78 NBR70	14	1
08-1028B	IMPELLER	15	1
0.2173.471	O-RING 14.3X2.4 SS1586 NBR70	16	1

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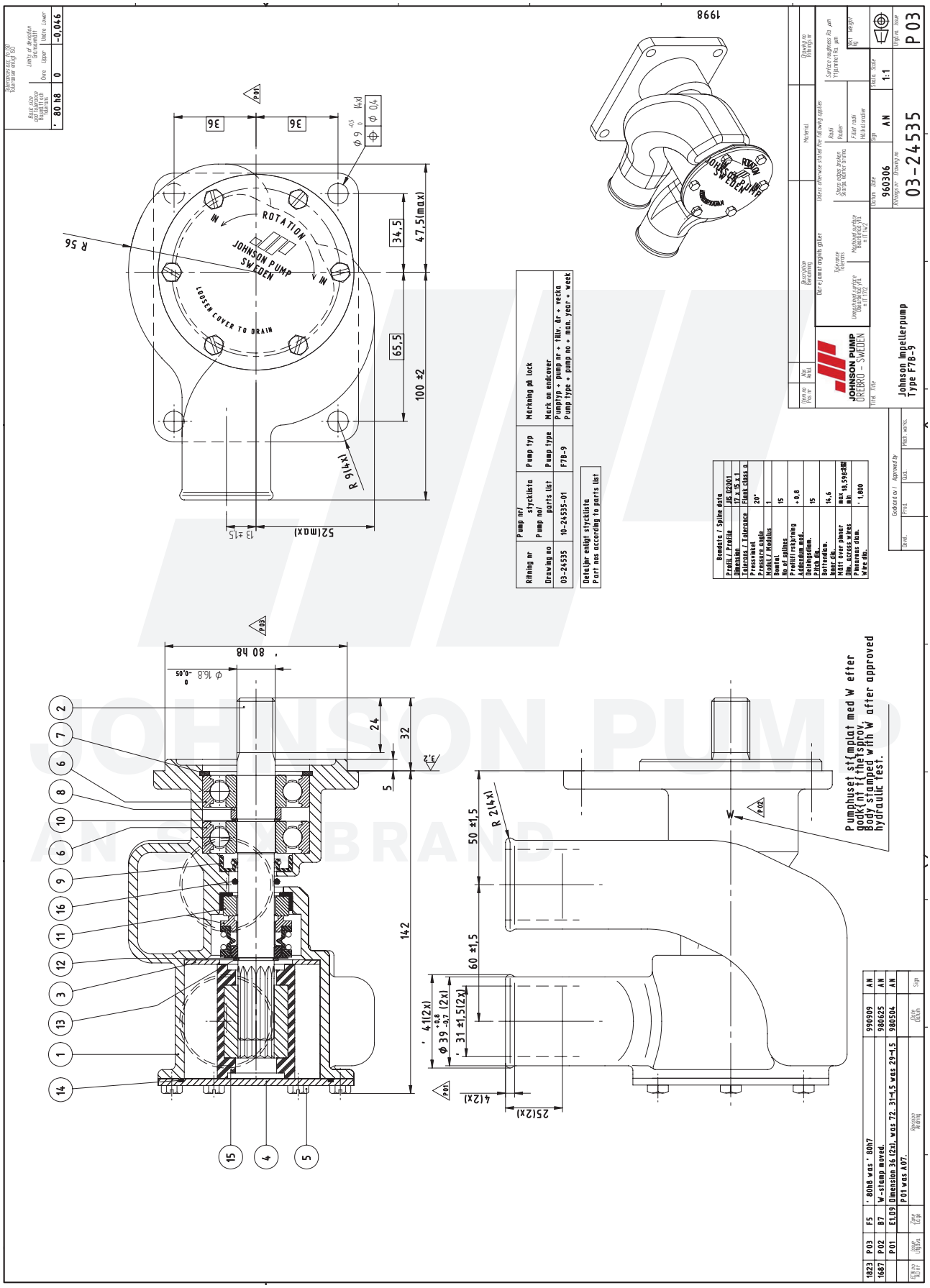
10-24535 pump F7B-903



JOHNSON PUMP
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F7B-903 Impeller pump
Art. No. 10-24542-01

Service Kit No. 09-45592

Part no.	Description GB	Position	Quantity
01-24125-2	BODY F7B-9	1	1
01-42441	ENDCOVER F7B-	2	1
08-1028B	IMPELLER	3	1
01-42442	CAM 2/3 F7B/F70B	4	1
01-46674	SHAFT F7B-903	5	1
01-42445	GASKET F4B/F7B-	6	1
0.0138.987	TAP BOLT M 5X8 M DIN933 A2-70	7	6
0.2233.001	LIP SEAL 16X28X7 DPSM	8	1
0.2234.482	OIL SEAL 17X28X7 DIN3760A R NBR	9	1
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	10	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	11	2
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	12	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	13	2
01-46794-07	SCREW 12-24UNCX8 BRASS	14	1
01-45181	WASHER F5/F7B-9	15	1
0.0503.027	WOODRUFFKEY 3X4.8X13 ST	16	1

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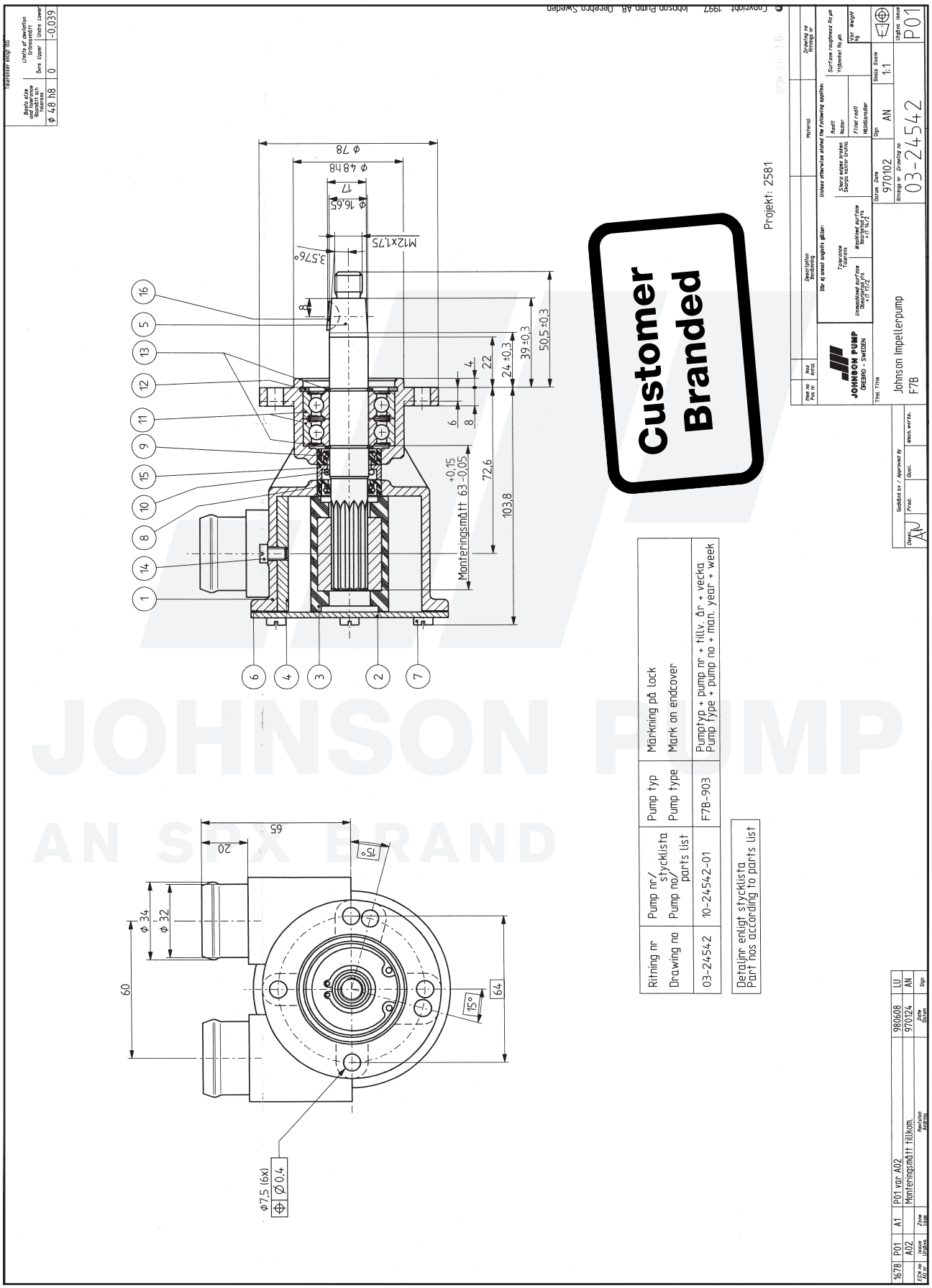

JOHNSON PUMP
AN SPX BRAND

F7B-903 Impeller pump
Art. No. 10-24567-01

Part no.	Description GB	Position	Quantity
01-24125-2	BODY F7B-9	1	1
01-42441	ENDCOVER F7B-	2	1
08-1028B	IMPELLER	3	1
01-42442	CAM 2/3 F7B/F70B	4	1
01-35878	SHAFT F7B-9	5	1
01-42445	GASKET F4B/F7B-	6	1
0.0138.987	TAP BOLT M 5X8 M DIN933 A2-70	7	6
0.2233.001	LIP SEAL 16X28X7 DPSM	8	1
0.2234.482	OIL SEAL 17X28X7 DIN3760A R NBR	9	1
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	10	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	11	2
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	12	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	13	2
01-46794-07	SCREW 12-24UNCX8 BRASS	14	1
01-45181	WASHER F5/F7B-9	15	1

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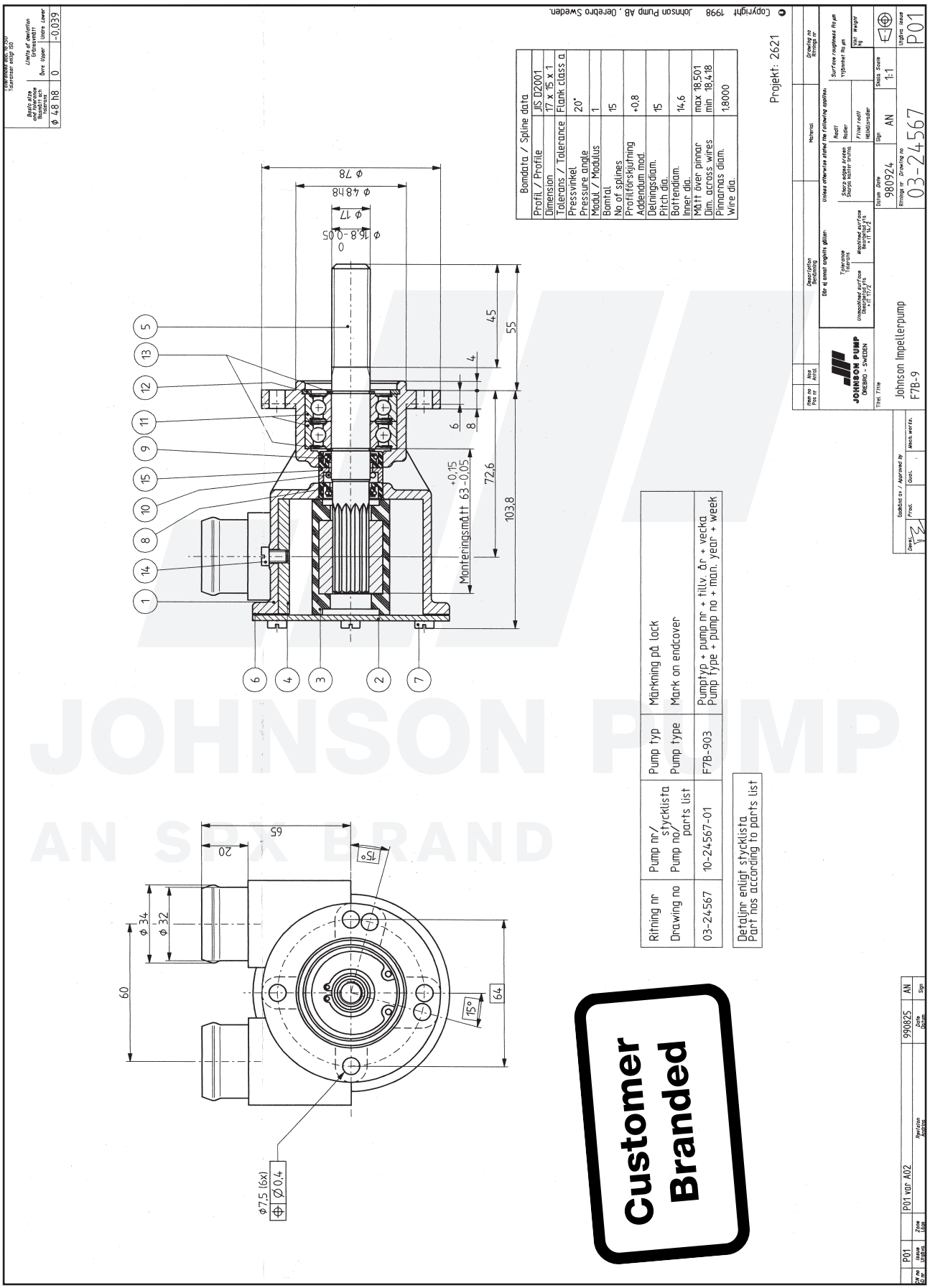

JOHNSON PUMP
AN SPX BRAND

F7B-9 Impeller pump
Art. No. 10-24580-01

Part no.	Description GB	Position	Quantity
01-22151-3	BODY F7B-9	1	1
01-46899	CAM 1/1 F7B	2	1
08-1028B	IMPELLER	3	1
01-35897	SHAFT F7B-9	4	1
01-42441	ENDCOVER F7B-	5	1
01-42445	GASKET F4B/F7B-	6	1
01-42443	WEARPLATE F7B/F70B	7	1
01-42400	PIN F35B-/F7B/F70B	8	1
01-24579-1	BEARING HOUSING F7B-9	9	1
38-80963	DISTANCE SLEEVE RBS4	10	1
01-45680	WASHER F5B/F6B/F7B	11	1
01-42402	SLINGER F5/F7B-	12	1
0.0370.516	EXT. CIRCLIP D16 DIN471 PHB	13	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	14	1
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	15	1
0.0503.010	WOODRUFKEY 3X3.7X10 DIN6888 ST	16	1
0.2247.050	MECH.SEAL COMPL 5/8” 106BT2C1	17	1
0.2233.017	LIP SEAL 16X32X7 DPSM	18	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	19	2
01-46794-05	SCREW 10-32UNFX8 BRASS	20	6
0.0279.035	SCREW MCS M5X10 MÄSSING	21	1
0.0144.001	BOLT 1/4”-20UNCX57 SS1943 STZN	22	1
0.0194.001	NUT 1/4”-20UNC SS1989 8.8ZN	23	1
0.0353.402	WASHER D6,5 X D11,8 X1,6	24	1
01-46138	GASKET F7B-9	26	1

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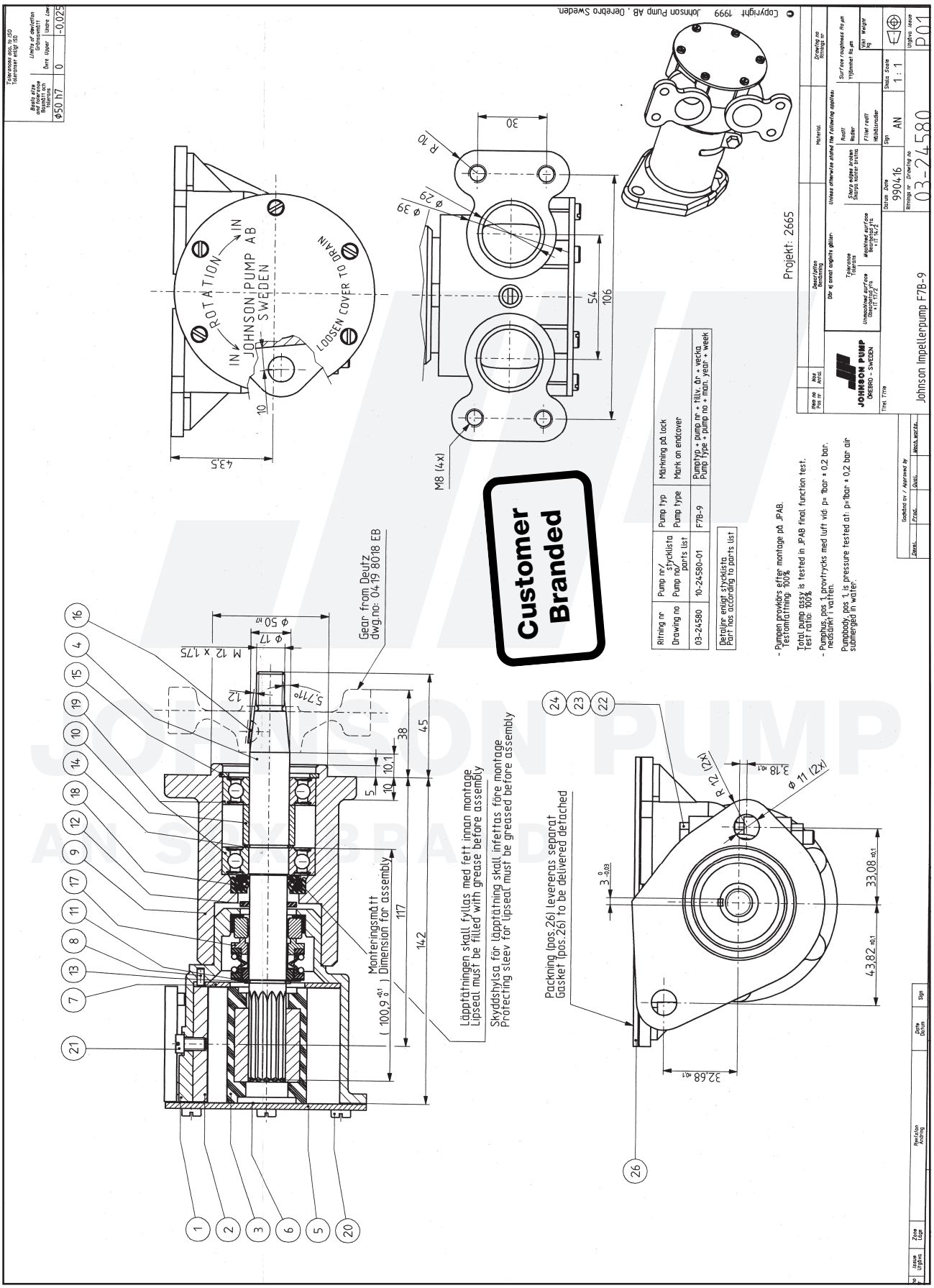

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F7B-9 Impeller pump

Art. No. 10-24630-01

Part. No	Description GB	Position	Quantity
01-13280	BODY F7B-9	1	1
01-35964	SHAFT F7B-9	2	1
01-46648-3	ENDCOVER F7B	3	1
08-1028B	IMPELLER	4	1
01-46899	CAM 1/1 F7B	5	1
01-42400	PIN F35B-/F7B/F70B	6	1
01-46798-2	WEAR PLATE F7B	7	1
01-45680	WASHER F5B/F6B/F7B	8	1
0.2233.403	LIP SEAL 17X40X7 NBR	9	1
01-46924	SPACER F7B-9	10	1
0.0279.301	SCREW M5X8 ISO1207 A4	11	6
0.0279.033	SCREW M5X8 ISO1207 BRASS	12	1
0.2172.012	O-RING 63,22X1,78 NBR70	13	1
0.2230.015	V-RING 15.5-17.5 NBR/65SH	14	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	15	2
0.2247.022	MECH.SEAL COMPL D16	16	1
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	17	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	18	1
0.0370.516	EXT. CIRCLIP D16 DIN471 PHB	19	1
0.2173.886	O-RING D 82X4 (NBR 70)	20	1
0.0503.011	WOODRUFKEY 3x5 DIN6888 ST	21	1
0.0185.076	NYLOC NUT M12	22	1
0.3444.031	PLASTIC BAG 100x160 MM	23	1
01-47201	CLAMP F7 (VETUS)	24	2
0.0633.711	PLUG TYPE4303374 D32.8MM DBI	0	2

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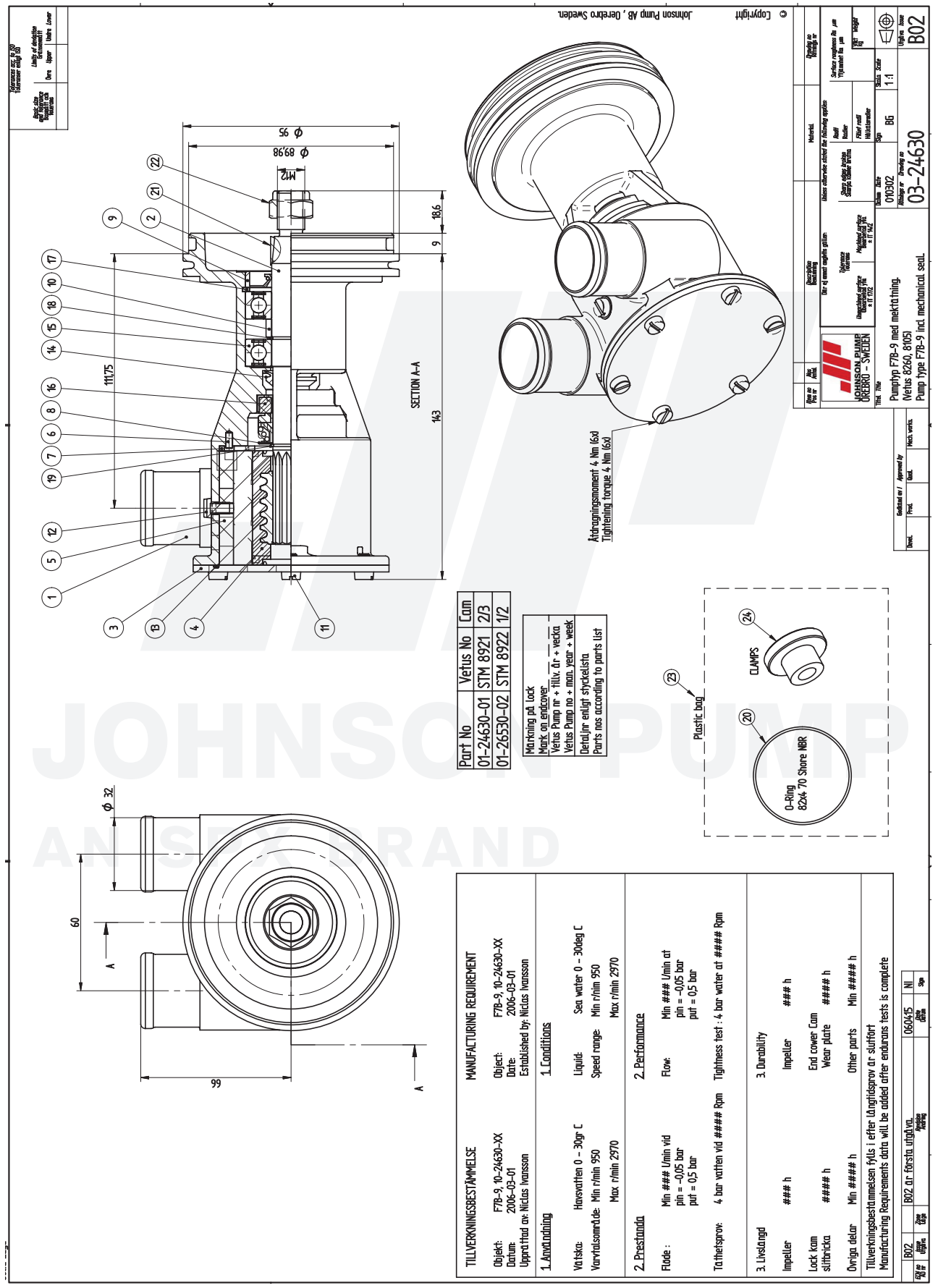
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SECTION A-A
Åtdragningsmoment 4 Nm (6x)
Tightening torque 4 Nm (6x)
Plastic bag
CLAMPS
O-Ring
82x4 70 Shore NBR
Part No | Vetus No | Cam
01-24630-01 | STM 8921 | 2/3
01-26530-02 | STM 8922 | 1/2
Marking pd. Lock
Mark on endcover
Vetus Pump nr + tillv. år + vecka
Vetus Pump no + man. year + week
Detaljer enligt stycklista
Parts nos according to parts list
JOHNSON PUMP
ÖREBRO - SWEDEN
Pumptyp F7B-9 med mektätning.
Vetus 8260, 8105
Pump type F7B-9 incl. mechanical seal.
03-24630
B02
TILLVERKNINGSBESTÄMMELSE
MANUFACTURING REQUIREMENT
Objekt: F7B-9, 10-24630-XX
Datum: 2006-03-01
Upprättad av: Niclas Ivarsson
Object: F7B-9, 10-24630-XX
Date: 2006-03-01
Established by: Niclas Ivarsson
1. Användning
1. Conditions
Vatska: Havsvatten 0 – 30gr C
Varvtalsområde: Min r/min 950
Max r/min 2970
Liquid: Sea water 0 – 30deg C
Speed range: Min r/min 950
Max r/min 2970
2. Prestanda
2. Performance
Flöde : Min ### l/min vid
pin = –0,05 bar
put = 0,5 bar
Min ### l/min at
pin = –0,05 bar
put = 0,5 bar
Tathetsprov: 4 bar vatten vid #### Rpm
Tightness test : 4 bar water at ##### Rpm
3. Livslängd
3. Durability
Impeller ### h
Impeller ### h
Lock kam slitbricka ####h
End cover Cam
Wear plate ####h
Övriga delar Min ####h
Other parts Min ####h
Tillverkningsbestämmelsen fylls i efter tångtidsprov av slutkont
Manufacturing Requirements data will be added after endurans tests is complete
B02 är första utgåva
B02 ar första utgåva
Ø 95
Ø 89,98
M12
111,75
143
18,6
9
Ø 32
60
99
A
A

F7B-9 Impeller pump

Art. No. 10-24637-01

Part. No.	Description GB	Position	Quantity
01-13279-2	PUMP BODY F7B-9 STEYR	1	1
01-46648-3	ENDCOVER F7B	2	1
08-1028B	IMPELLER	3	1
01-35965-2	SHAFT F7B-9 STEYR	4	1
0.2172.012	O-RING 63,22X1,78 NBR70	5	1
0.0138.987	TAP BOLT M5X8 M DIN933 A2-70	6	6
01-46899	CAM 1/1 F7B	7	1
0.0279.033	SCREW M5X8 ISO1207 BRASS	8	1
0.0370.516	EXT. CIRCLIP D16 DIN471 PHB	9	1
01-46798-2	WEAR PLATE F7B	10	1
01-42400	PIN F35B-/F7B/F70B	11	1
01-45680	WASHER F5B/F6B/F7B	12	1
0.2247.022	MECH.SEAL COMPL D16	13	1
0.2230.015	V-RING 15.5-17.5 NBR/65SH	14	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	15	2
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	16	1
01-46009	SPACER F7B-9	17	1
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	18	1
01-47047	CARRIER F7B STEYR	19	1
01-46797	LABEL	20	1
01-47055-2	PAINT PROTECTION ø 45	0	1

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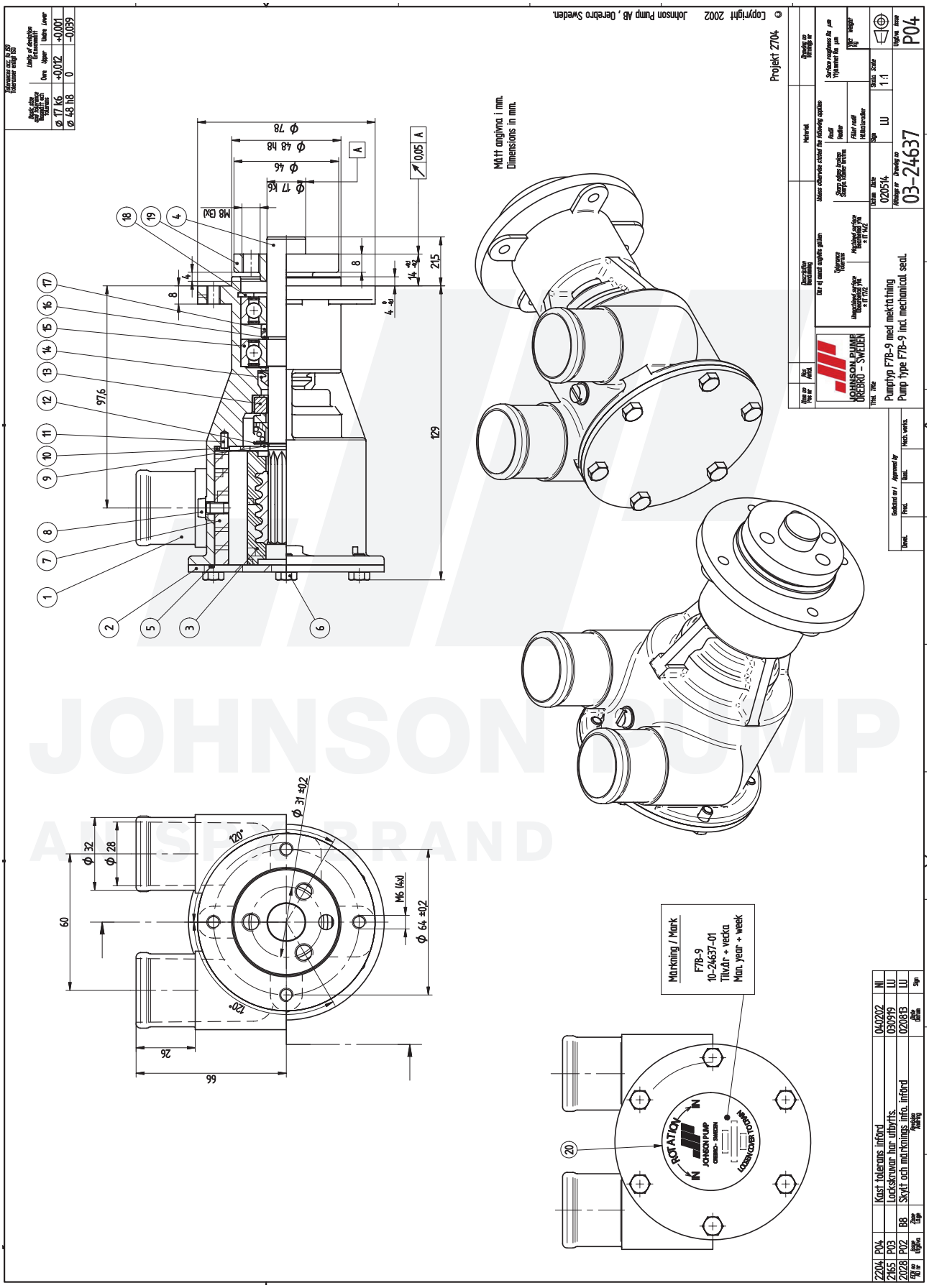

JOHNSON PUMP
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F7B-903 Impeller pump

Art.No. 10-24654-01

Part. No.	Description GB	Position	Quantity
01-24125-6	BODY F7B-903	1	1
01-42441	ENDCOVER F7B-	2	1
08-1028B	IMPELLER	3	1
01-42442	CAM 2/3 F7B/F70B	4	1
01-46469	SHAFT F7B-9	5	1
01-42445	GASKET F4B/F7B-	6	1
0.0279.033	SCREW M5X8 ISO1207 BRASS	7	6
0.2233.001	LIP SEAL 16X28X7 DPSM	8	2
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	9	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	10	2
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	11	1
01-46794-07	SCREW 12-24UNCX8 BRASS	12	1
01-45181	WASHER F5/F7B-9	13	1
01-47047	CARRIER F7B STEYR	14	1

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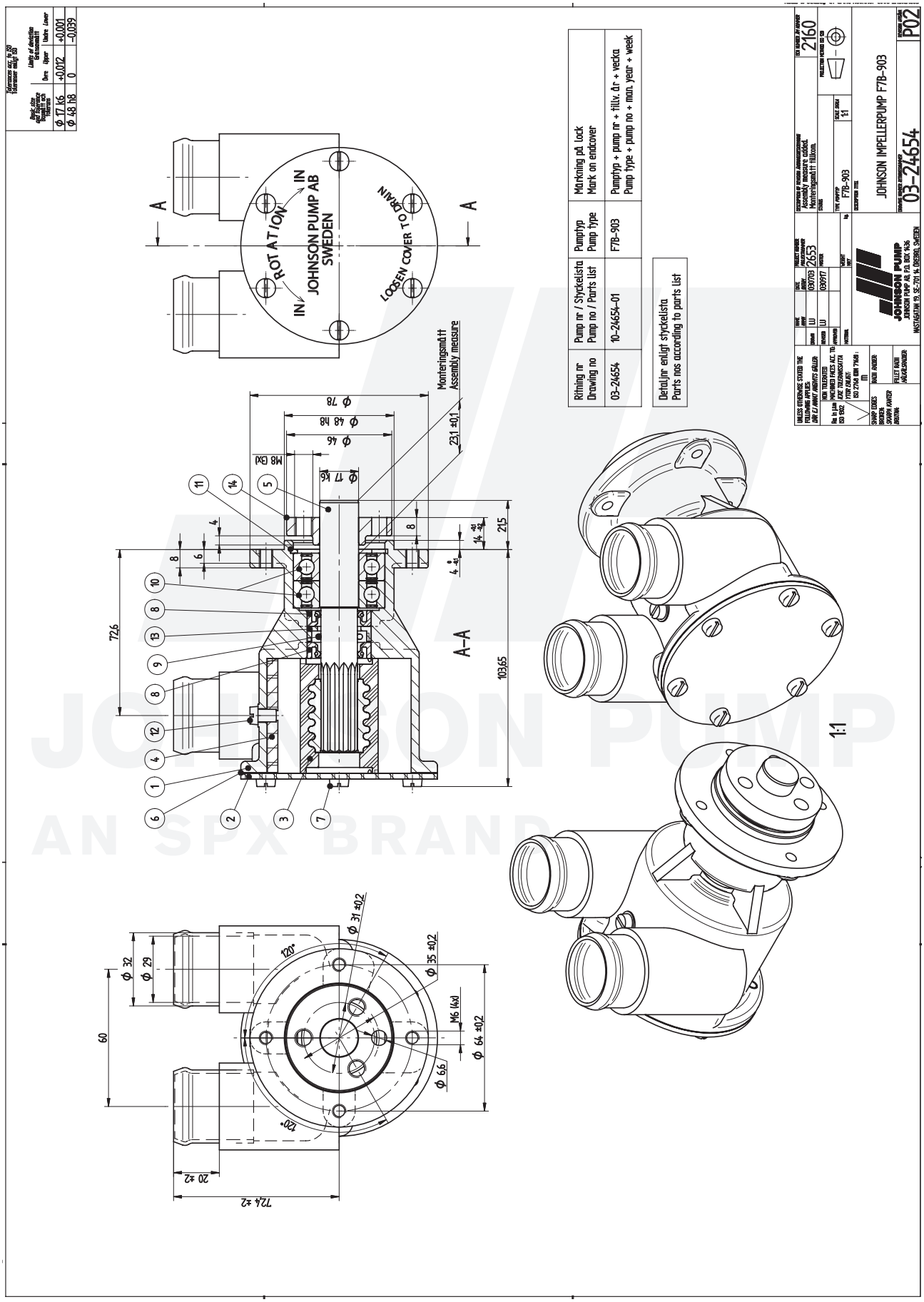

JOHNSON PUMP
AN SPX BRAND

F7B-9 Impeller pump

Art. No. 10-24666-01

Part. No.	Descripiton GB	Position	Quantity
01-13366-1	PUMP BODY F7B-9	1	1
01-36044	SHAFT F7B-9	2	1
01-46648-3	ENDCOVER F7B	3	1
08-1028B	IMPELLER	4	1
01-46899	CAM 1/1 F7B	5	1
01-42400	PIN F35B-/F7B/F70B	6	1
01-46798-2	WEAR PLATE F7B	7	1
01-45680	WASHER F5B/F6B/F7B	8	1
01-46009	SPACER F7B-9	9	1
0.0279.301	SCREW M5X8 ISO1207 A4	10	6
0.0279.033	SCREW M5X8 ISO1207 BRASS	11	1
0.2172.012	O-RING 63,22X1,78 NBR70	12	1
0.2230.015	V-RING 15.5-17.5 NBR/65SH	13	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	14	2
0.2247.022	MECH.SEAL COMPL D16	15	1
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	16	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	17	1
0.0370.516	EXT. CIRCLIP D16 DIN471 PHB	18	1
0.0503.027	WOODRUFFKEY 3X4.8X13 ST	19	1

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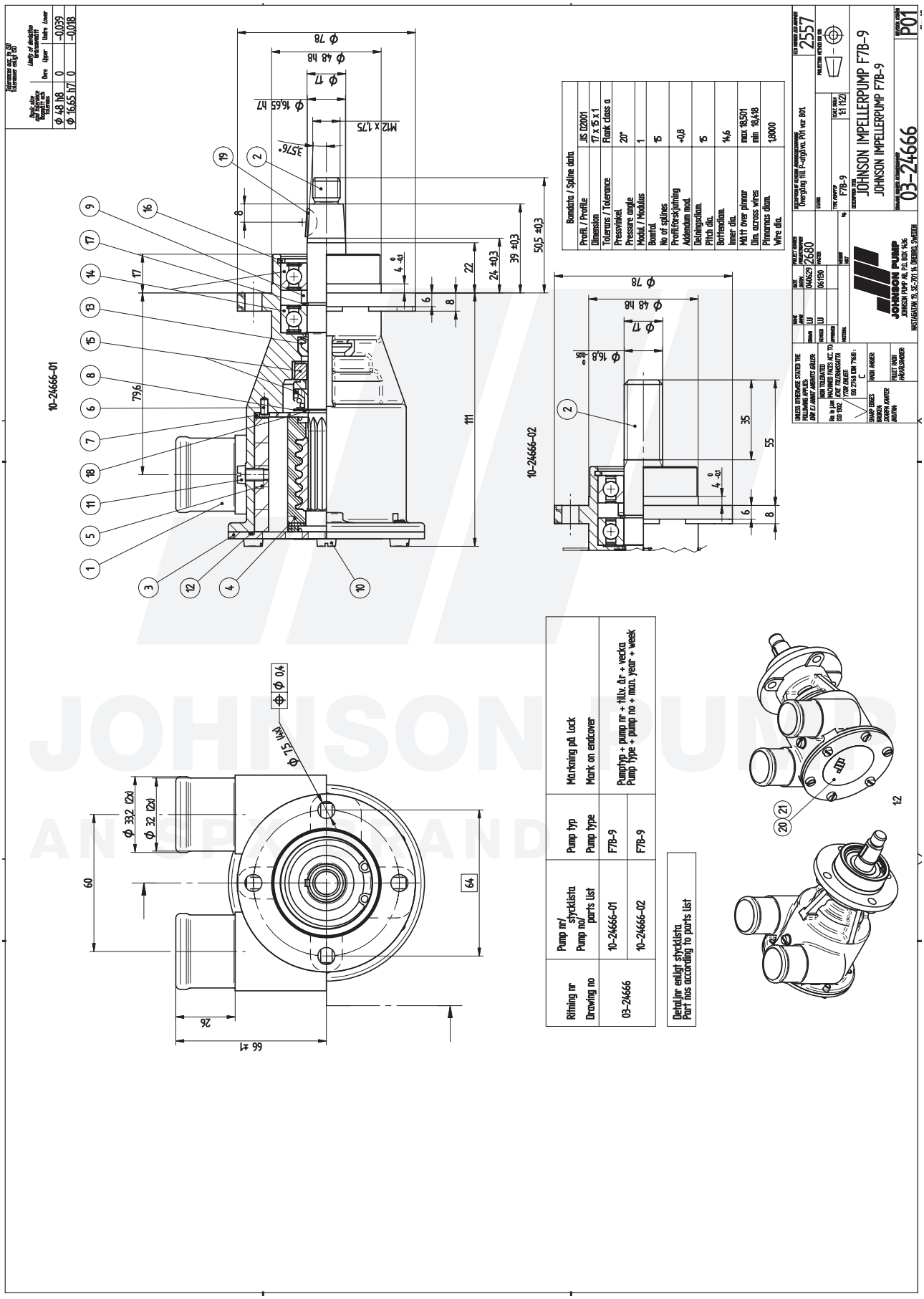


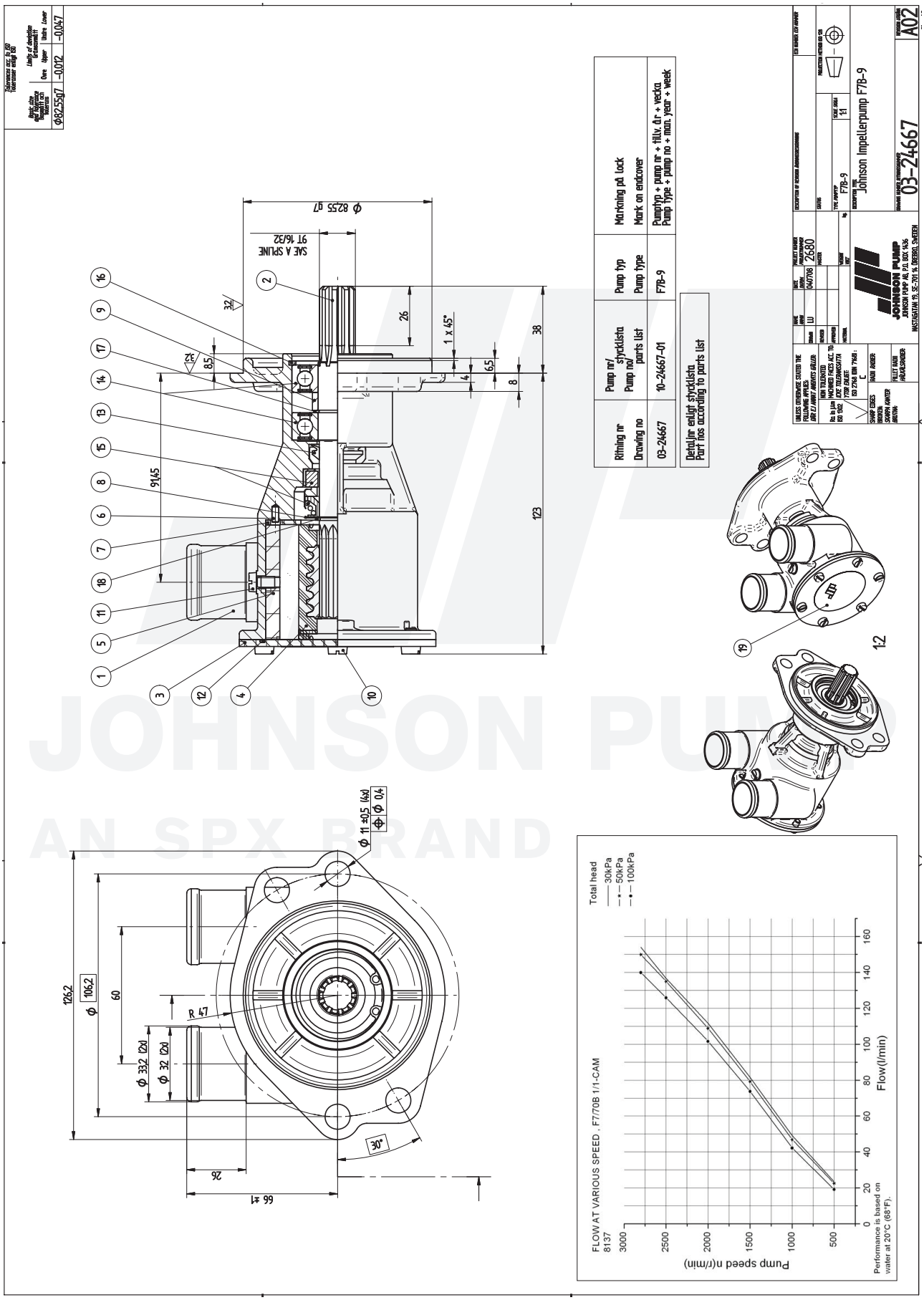
JOHNSON PUMP
AN SPX BRAND

F7B-9 Impeller pump

Art.No. 10-24667-01

Part. No.	Description GB	Position	Quantity
01-13367-1	PUMP BODY F7B-9 JOHN DEERE	1	1
01-36046	SHAFT F7B-9 JOHN DEERE	2	1
01-46648-3	ENDCOVER F7B	3	1
08-1028B	IMPELLER	4	1
01-46899	CAM 1/1 F7B	5	1
01-42400	PIN F35B-/F7B/F70B	6	1
01-46798-2	WEAR PLATE F7B	7	1
01-45680	WASHER F5B/F6B/F7B	8	1
01-46924	SPACER F7B-9	9	1
0.0279.301	SCREW M5X8 ISO1207 A4	10	6
0.0279.033	SCREW M5X8 ISO1207 BRASS	11	1
0.2172.012	O-RING 63,22X1,78 NBR70	12	1
0.2230.015	V-RING 15.5-17.5 NBR/65SH	13	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	14	2
0.2247.022	MECH.SEAL COMPL D16	15	1
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	16	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	17	1
0.0370.516	EXT. CIRCLIP D16 DIN471 PHB	18	1
01-46797	LABEL	19	1

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB



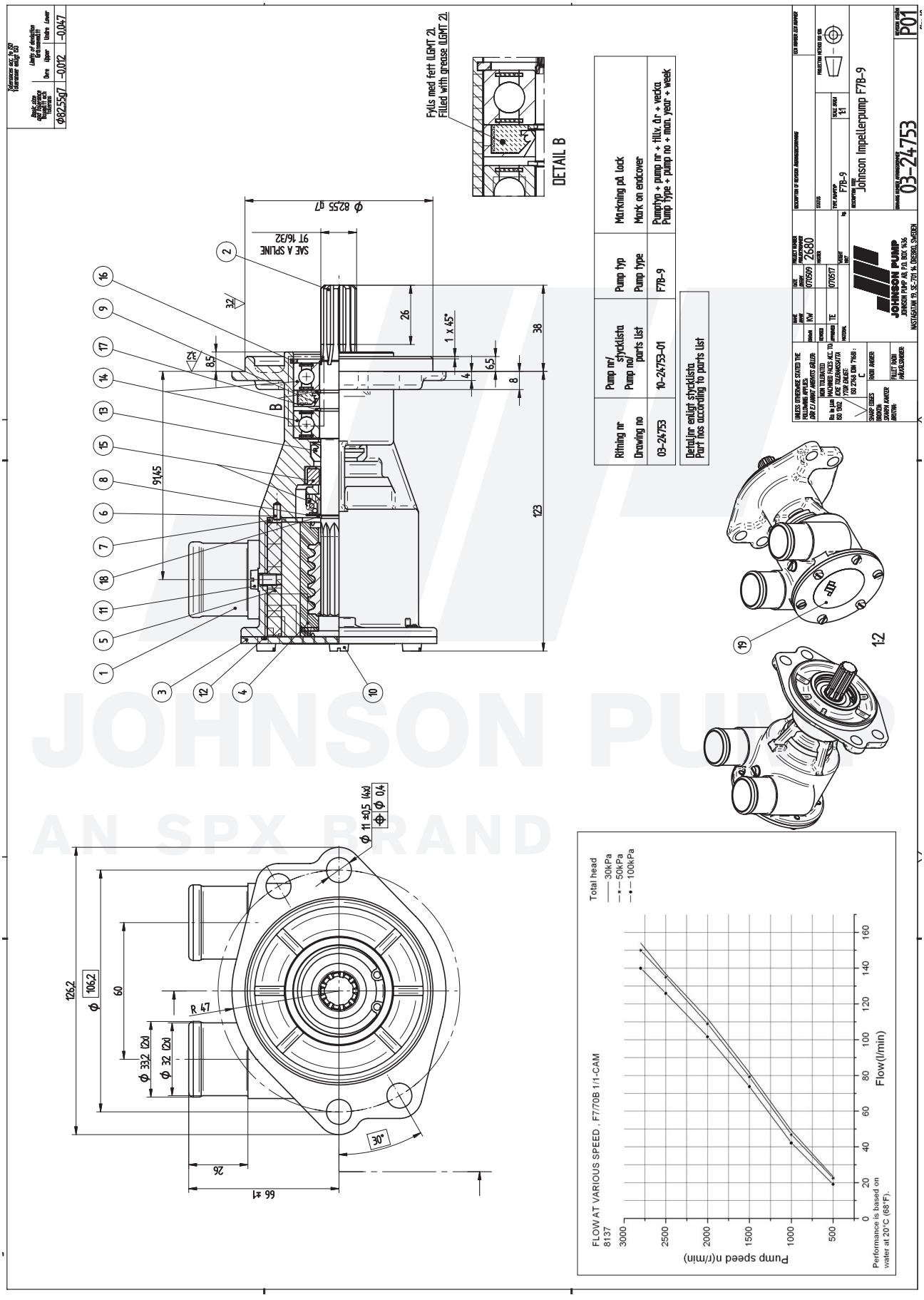
JOHNSON PUMP
AN SPX BRAND

F7B-9 Impeller pump

Art. No. 10-24753-01

Part. No.	Description GB	Position	Quantity
01-13367-1	PUMP BODY F7B-9 JOHN DEERE	1	1
01-36141	SHAFT F7B-9 JOHN DEERE	2	1
01-46648-3	ENDCOVER F7B	3	1
08-1028B	IMPELLER	4	1
01-46899	CAM 1/1 F7B	5	1
01-42400	PIN F35B-/F7B/F70B	6	1
01-46798-2	WEAR PLATE F7B	7	1
01-45680	WASHER F5B/F6B/F7B	8	1
0.2233.403	LIP SEAL 17X40X7 NBR	9	1
0.0279.301	SCREW M5X8 ISO1207 A4	10	6
0.0279.033	SCREW M5X8 ISO1207 BRASS	11	1
0.2172.012	O-RING 63,22X1,78 NBR70	12	1
0.2230.015	V-RING 15.5-17.5 NBR/65SH	13	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	14	2
0.2247.022	MECH.SEAL COMPL D16	15	1
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	16	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	17	2
0.0370.516	EXT. CIRCLIP D16 DIN471 PHB	18	1
01-46797	LABEL	19	1

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB

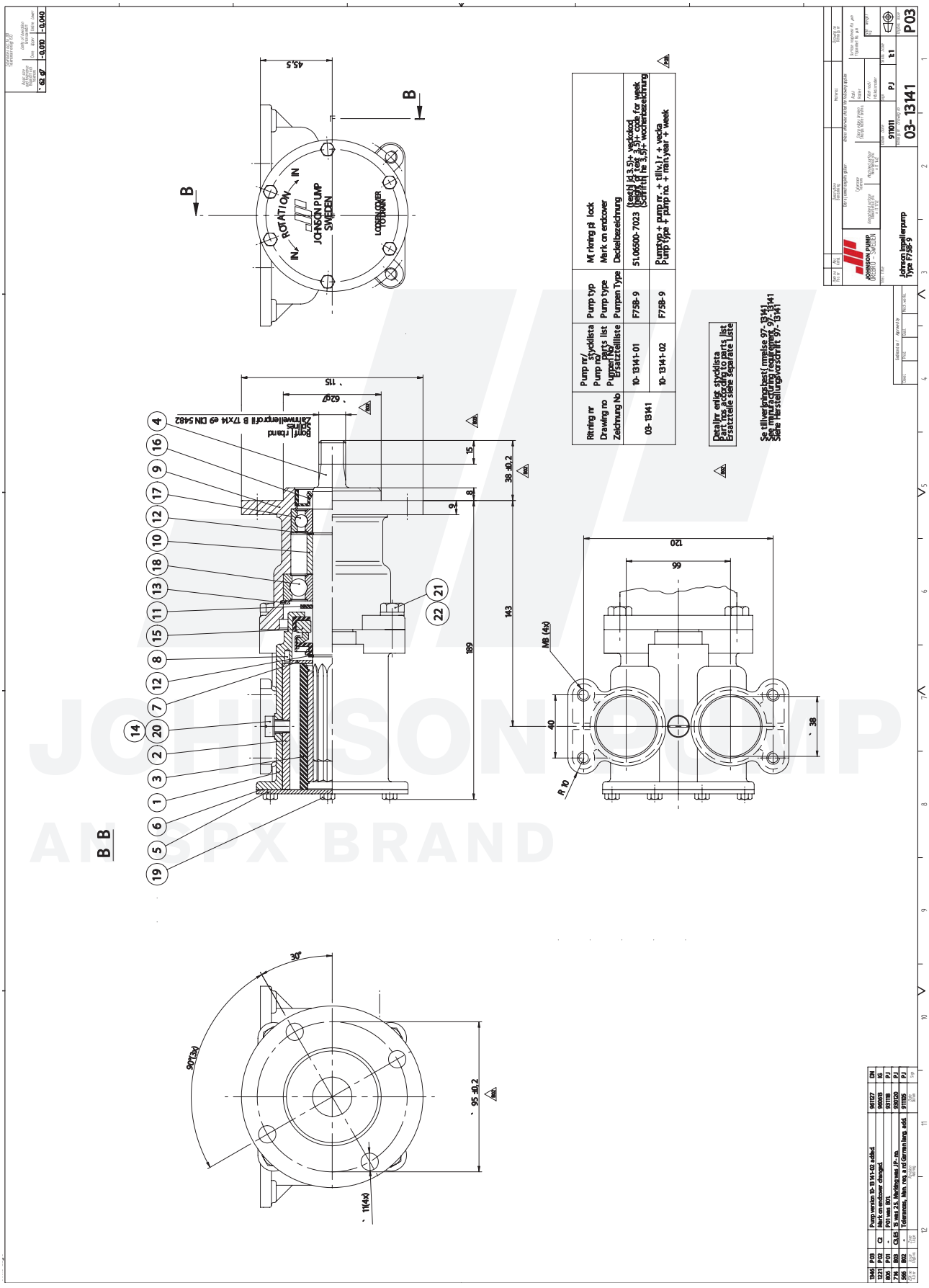


JOHNSON PUMP
AN SPX BRAND

F75B-9 MAN Impeller pump
Art. No. 10-13141-01

Part. No.	Description GB	Position	Quantity
01-13123-1	BODY F75B-9	1	1
01-46146	CAM 1/1 F75B	2	1
08-821B	IMPELLER F75B	3	1
01-35703	SHAFT F75B-9	4	1
01-46285	ENDCOVER F75B-9	5	1
01-46286	GASKET F75B	6	1
01-42443	WEARPLATE F7B/F70B	7	1
01-42400	PIN F35B-/F7B/F70B	8	1
01-24439-1	BEARING HOUSING F75B/F7B-9	9	1
01-46284-2	SPACER F75B-9	10	1
01-42427-15	SLINGER F8/F9B-	11	1
0.0370.525	EXT. CIRCLIP D25 DIN471 ST	12	2
0.0371.062	RETAIN. RING BORE D62 DIN472 SPRST	13	1
01-46790-02	WASHER D8.2XD14X1 CU	14	1
0.2247.008	MECH.SEAL COMPL FA25.47.14	15	1
0.2233.351	LIP SEAL 25X47X10/7	16	1
0.3431.001	BALL BEARING 6205 2 RS C3 ST	17	1
0.3431.044	BALL BEARING 6305 2RS C3 ST	18	1
0.0141.502	SCREW M5X8 DIN933SLOTTED BRASS	19	6
01-46794-12	SCREW M8X12 AL.BRONZE	20	1
0.0141.918	TAP BOLT M8X25 DIN933 8.8ZP	21	4
0.0353.309	SPRINGWASH D8.2 DIN127 STZN	22	4
01-46291	GASKET F75B-9	0	1
0.3444.004	CARTON NO 4 290X195X180	0	1

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB



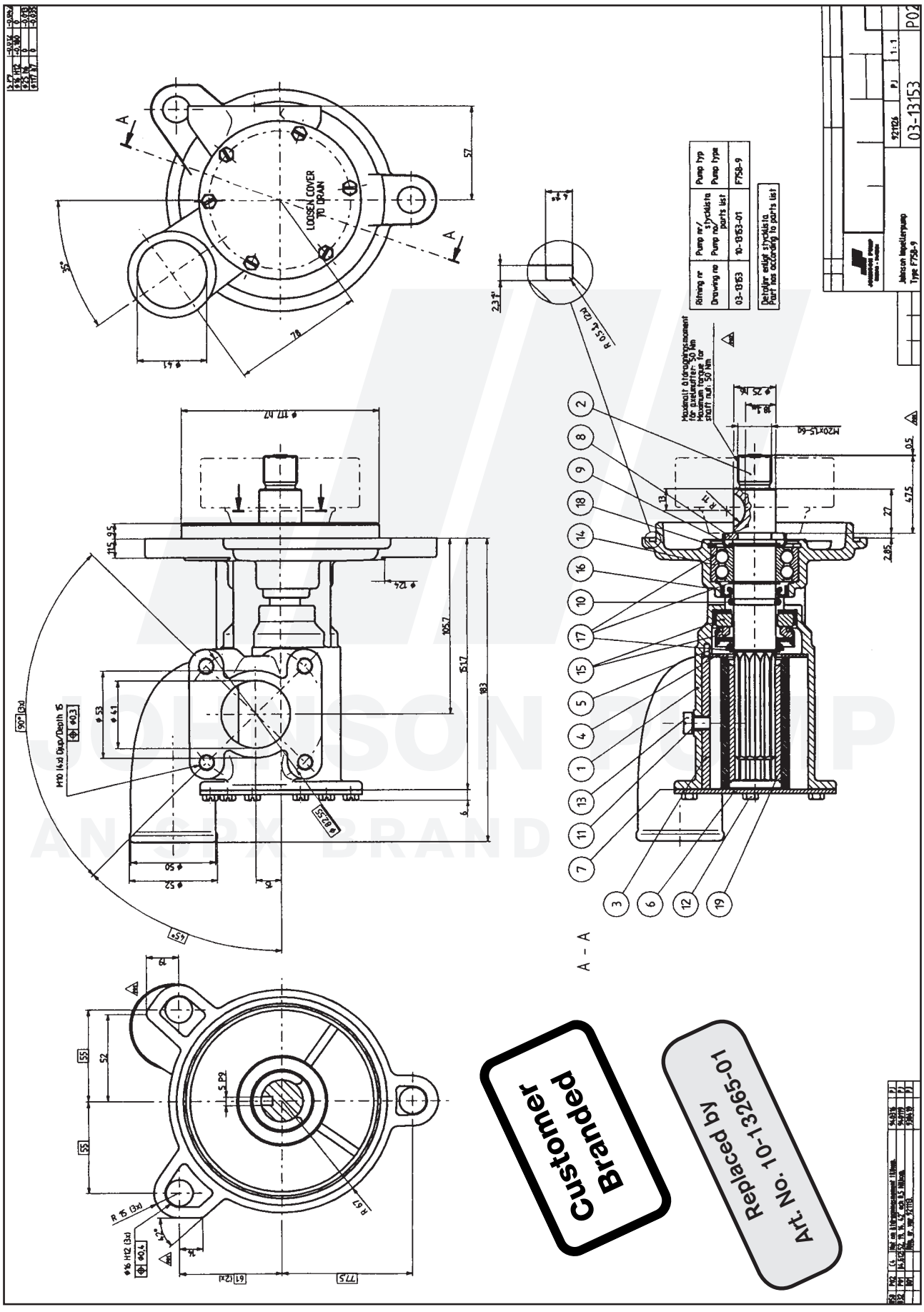
JOHNSON PUMP
AN SPX BRAND

F75B-9 Impeller pump
Art. No. 10-13153-01

Service Kit No. 09-46691

Part no.	Description GB	Position	Quantity
01-13160-1	BODY F75B-9	1	1
01-35728	SHAFT F75B-9	2	1
01-46146	CAM 1/1 F75B	3	1
01-42443	WEARPLATE F7B/F70B	4	1
01-42400	PIN F35B-/F7B/F70B	5	1
01-46456	ENDCOVER F75B-9 VP	6	1
01-46286	GASKET F75B	7	1
01-46454	COLLAR	8	1
01-46455	RETAINING RING	9	1
0.2172.573	O-RING 23.4X3.53 BS1806 NBR70	10	1
01-46790-02	WASHER D8.2XD14X1 CU	11	1
0.0141.502	SCREW M5X8 DIN933SLOTTED BRASS	12	6
01-46794-12	SCREW M8X12 AL.BRONZE	13	1
0.3431.665	ANGULAR CONTACT BEARING 3205ATN9	14	1
0.2247.008	MECH.SEAL COMPL FA25.47.14	15	1
0.2233.008	OIL SEAL 25X40X7 BAUSL NBR	16	1
0.0370.525	EXT. CIRCLIP D25 DIN471 ST	17	3
0.0371.052	RETAIN. RING BORE D52 DIN472 SPRST	18	1
08-821B	IMPELLER F75B	19	1

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB

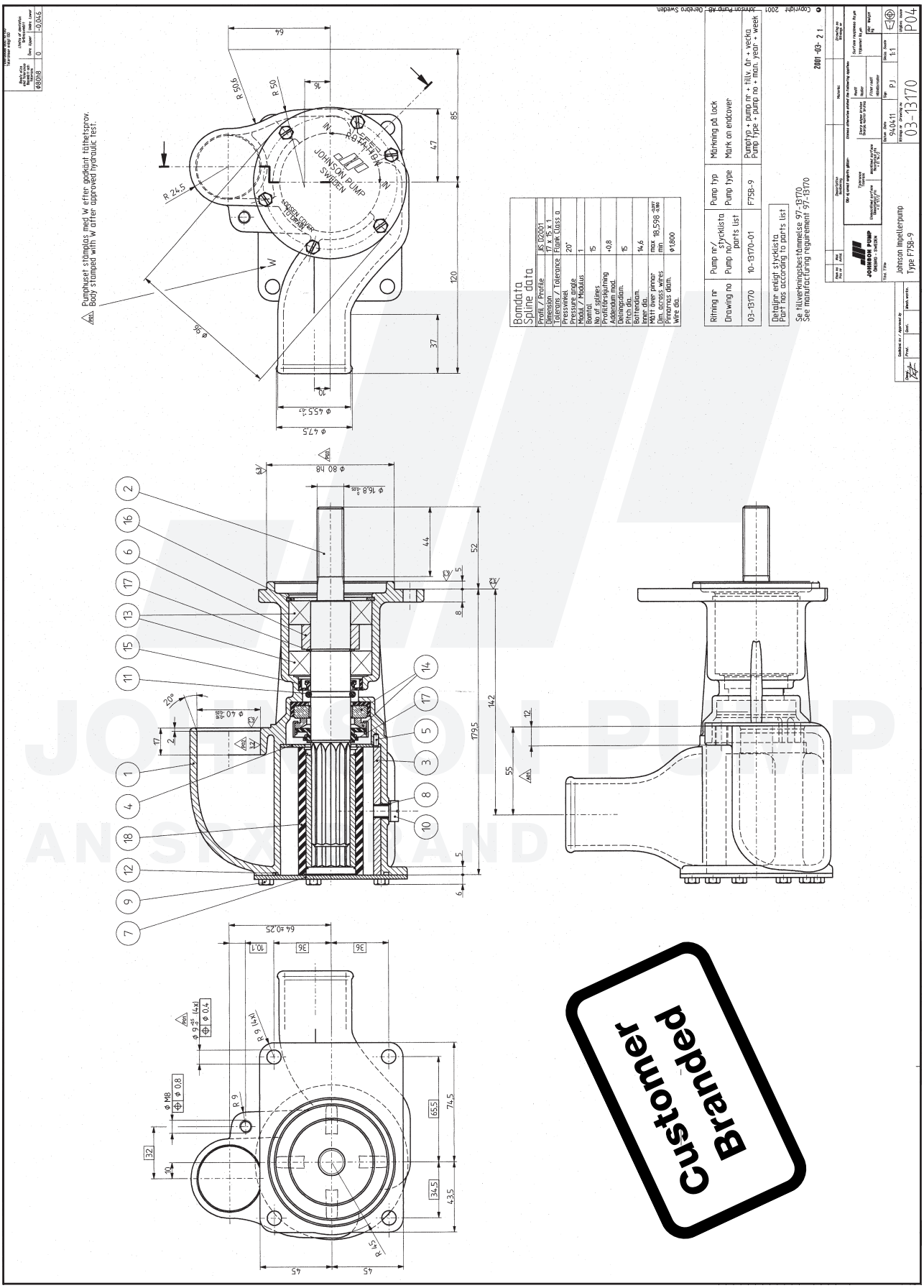

LOOSEN COVER TO DRAIN
A - A
Customer Branded
Replaced by 10-13265-01
Art. No. 10-13153
03-13153
Johnson Pump
Type F75B-9
Pump typ
Pump type
F75B-9
Pump nr/ Styckista Pump no/ parts list
10-13153-01
Ritning nr
Drawing no
03-1353
Detaljer enligt styckista
Part nos according to parts list
Maximalt åtdragningsmoment för axelmutter= 50 Nm
Maximum torque for shaft nut: 50 Nm
M20x1,5-6g
JOHNSON PUMP
AN SPX BRAND

F75B-9 Impeller pump
Art. No. 10-13170-01

Manufacturing requirement no. 97-13170

Part no.	Description GB	Position	Quantity
01-13172-1	BODY F75B-9	1	1
01-35771	SHAFT F75B-9	2	1
01-46146	CAM 1/1 F75B	3	1
01-42443	WEARPLATE F7B/F70B	4	1
01-42400	PIN F35B-/F7B/F70B	5	1
01-46284-1	SPACER F75B-9	6	1
01-46285	ENDCOVER F75B-9	7	1
01-46790-02	WASHER D8.2XD14X1 CU	8	1
0.0141.502	SCREW M5X8 DIN933SLOTTED BRASS	9	6
01-46794-12	SCREW M8X12 AL.BRONZE	10	1
0.2172.573	O-RING 23.4X3.53 BS1806 NBR70	11	1
0.2173.493	O-RING 64.6X2.4 SS1586 NBR70	12	1
0.3431.485	BALL BEARING 6205 ST	13	2
0.2247.008	MECH.SEAL COMPL FA25.47.14	14	1
0.2233.008	OIL SEAL 25X40X7 BAUSL NBR	15	1
0.0371.052	RETAIN. RING BORE D52 DIN472 SPRST	16	1
0.0370.525	EXT. CIRCLIP D25 DIN471 ST	17	2
08-821B	IMPELLER F75B	18	1
0.0633.715	PLUG TYPE 254 D36.4MM CERBO	0	1
0.0633.711	PLUG TYPE 252-2 D32.8MM CERBO	0	1
0.3444.022	PLASTIC BAG 250X325X0,04	0	1

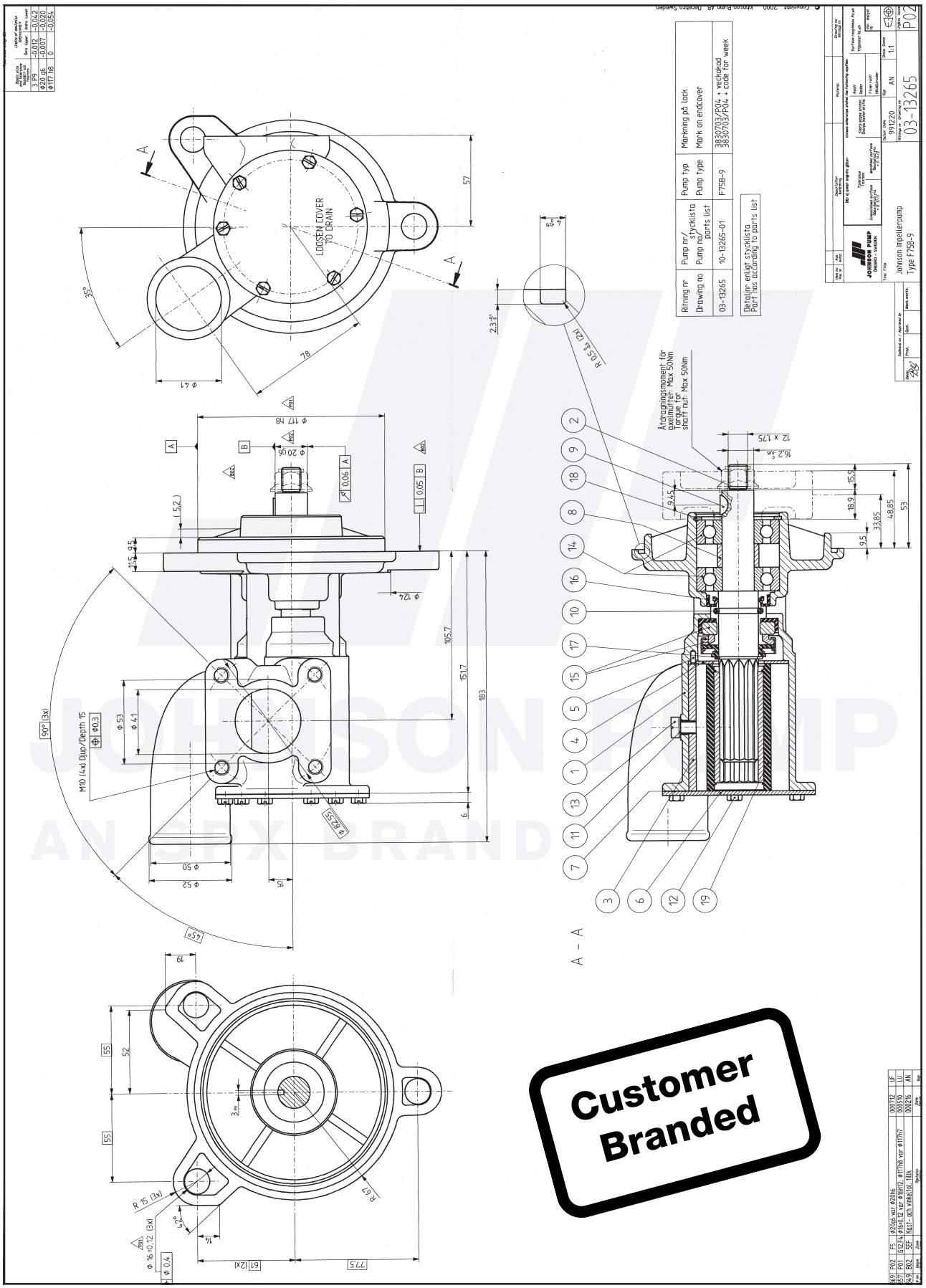
The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB


Pumphuset stämplas med W efter godkänt täthetsprov.
Body stamped with W after approved hydraulic test.
Bomdata
Spline data
Profil / Profile
Dimension
Tolerans / Tolerance
Pressvinkel
Pressure angle
Modul / Modulus
Bomtal
No. of splines
Profilförskjutning
Addendum mod.
Delningsdiam.
Pitch dia.
Bottendiam.
Mått över pinnar
Dim. across wires
Pinnarnas diam.
Wire dia.
JIS 12001
17 x 15 x 1
Flank Class a
20°
1
15
+0,8
15
14,6
max 18,598 +0,07
min 18,598 +0,00
ø1,800
Rihning nr
Drawing no
Pump nr/ styrcklista
Pump no/ parts list
Pump typ
Pump Type
Märkning på lock
Mark on endcover
03-13170
10-13170-01
F75B-9
Pumptyp + pump nr + tillv. år + vecka
Pump type + pump no + manf. year + week
Detaljer enligt styrcklista
Parts according to parts list
Se tillverkningsbeskrivning 97-13170
See manufacturing requirement 97-13170
JOHNSON PUMP
Johnson Impellerpump
Type F75B-9
03-13170
P04
Customer Branded

F75B-9 Impeller pump
Art. No. 10-13265-01

Part no.	Description GB	Position	Quantity
01-13264-1	PUMP HOUSING F75B-9 (VP)	1	1
01-35911	SHAFT F75B-9	2	1
01-46146	CAM 1/1 F75B	3	1
01-42443	WEARPLATE F7B/F70B	4	1
01-42400	PIN F35B-/F7B/F70B	5	1
01-46456	ENDCOVER F75B-9 VP	6	1
01-46286	GASKET F75B	7	1
01-46832	SPACER	8	1
0.0503.027	WOODRUFFKEY 3X4.8X13 ST	9	1
0.2172.573	O-RING 23.4X3.53 BS1806 NBR70	10	1
01-46790-02	WASHER D8.2XD14X1 CU	11	1
0.0141.502	SCREW M5X8 DIN933SLOTTED BRASS	12	6
01-46794-12	SCREW M8X12 AL.BRONZE	13	1
0.3431.030	BALL BEARING 6304/C3	14	2
0.2247.008	MECH.SEAL COMPL FA25.47.14	15	1
0.2233.008	OIL SEAL 25X40X7 BAUSL NBR	16	1
0.0370.525	EXT. CIRCLIP D25 DIN471 ST	17	1
0.0371.052	RETAIN. RING BORE D52 DIN472 SPRST	18	1
08-821B	IMPELLER F75B	19	1

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB



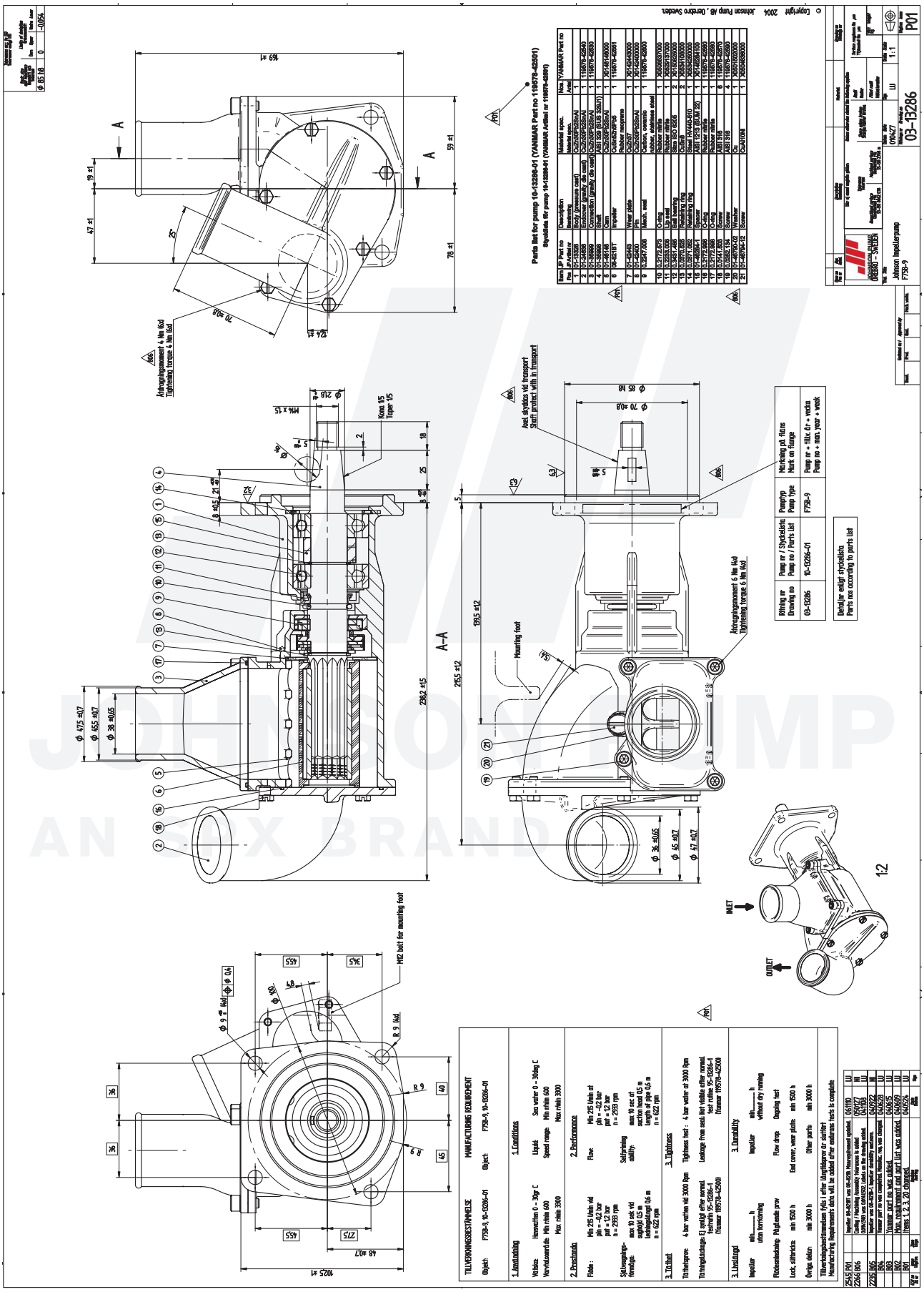
JOHNSON PUMP
AN SPX BRAND

F75B-9 Impeller pump
Art. No. 10-13286-01

Part no.	Description GB	Position	Quantity
01-13326	PUMP BODY F75B-9 YANMAR	1	1
01-24636	ENDCOVER F75B-9 YANMAR	2	1
01-35999	CONNECTION F75B YANMAR	3	1
01-35998	SHAFT F75B-9	4	1
01-46146	CAM 1/1 F75B	5	1
08-821BT	IMPELLER F75B W. THREAD	6	1
01-42443	WEARPLATE F7B/F70B	7	1
01-42400	PIN F35B-/F7B/F70B	8	1
0.2247.008	MECH.SEAL COMPL FA25.47.14	9	1
0.2172.573	O-RING 23.4X3.53 BS1806 NBR70	10	1
0.2233.008	OIL SEAL 25X40X7 BAUSL NBR	11	1
0.3431.485	BALL BEARING 6205 ST	12	2
0.0370.525	EXT. CIRCLIP D25 DIN471 ST	13	2
0.0371.052	RETAIN. RING BORE D52 DIN472 SPRST	14	1
01-46284-1	SPACER F75B-9	15	1
0.2172.996	O-RING 87x2 NBR70	16	1
0.2172.998	O-RING 68x2 NBR70	17	1
0.0141.503	SCREW M5X12 ISO4017 (A4)	18	6
0.0252.134	ALLEN SCREW M6X12 M DIN912(A4)	19	4
01-46790-02	WASHER D8.2XD14X1 CU	20	1
01-46794-12	SCREW M8X12 AL.BRONZE	21	1
0.0633.709	PLUG TYPE 410073 D44.5MM DBI	0	2

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB

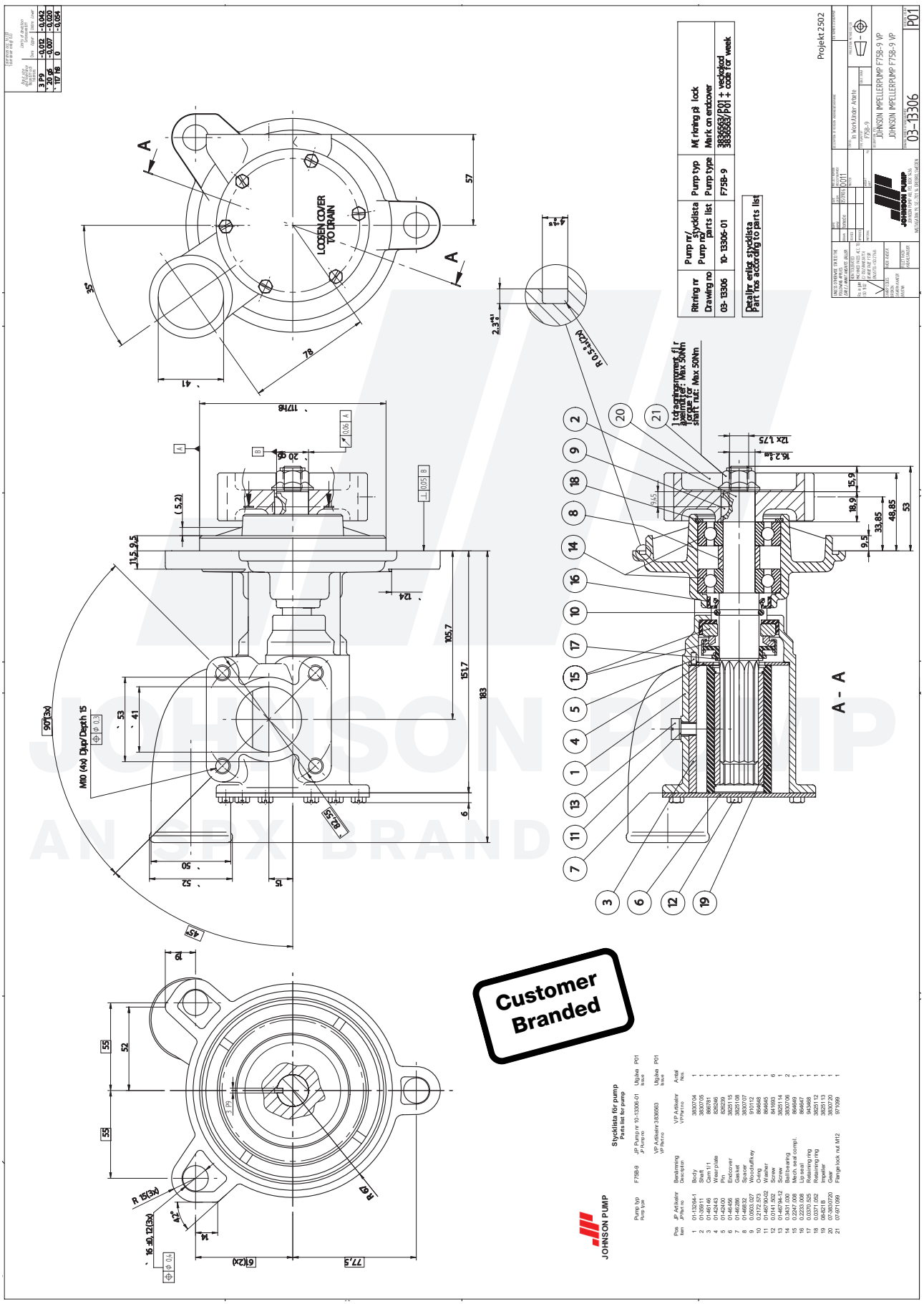
10-13286 pump F75B-9



F75B-9 Impeller pump
Art. No. 10-13306-01

Part no.	Description GB	Position	Quantity
01-13264-1	PUMP HOUSING F75B-9 (VP)	1	1
01-35911	SHAFT F75B-9	2	1
01-46146	CAM 1/1 F75B	3	1
01-42443	WEARPLATE F7B/F70B	4	1
01-42400	PIN F35B-/F7B/F70B	5	1
01-46456	ENDCOVER F75B-9 VP	6	1
01-46286	GASKET F75B	7	1
01-46832	SPACER	8	1
0.0503.027	WOODRUFFKEY 3X4.8X13 ST	9	1
0.2172.573	O-RING 23.4X3.53 BS1806 NBR70	10	1
01-46790-02	WASHER D8.2XD14X1 CU	11	1
0.0141.502	SCREW M5X8 DIN933SLOTTED BRASS	12	6
01-46794-12	SCREW M8X12 AL.BRONZE	13	1
0.3431.030	BALL BEARING 6304/C3	14	2
0.2247.008	MECH.SEAL COMPL FA25.47.14	15	1
0.2233.008	OIL SEAL 25X40X7 BAUSL NBR	16	1
0.0370.525	EXT. CIRCLIP D25 DIN471 ST	17	1
0.0371.052	RETAIN. RING BORE D52 DIN472 SPRST	18	1
08-821BT	IMPELLER F75B W. THREAD	19	1
07-3830720	GEAR	20	1
07-971099	FLANGE LOCK NUT M12, STEEL ISO 7044	21	1

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB



Stycklista för pump
Parts list for pump

JP Pump nr 10-13306-01 Utgåva P01
JP Pump no Issue

Pos Item	JP Artikelnr JP Part no	Benämning Description	VP Artikelnr VP Part no	Antal Nos.
1	01-13294-1	Body	3830704	1
2	01-38911	Shaft	3830705	1
3	01-46146	Cam 1/1	898781	1
4	01-46464	Wear plate	826586	1
5	01-42403	Pin	826239	1
6	01-46456	Endcover	3825115	1
7	01-46286	Gasket	3825108	1
8	01-46287	Spacer	3825107	1
9	0.0503.027	Woodruffkey	910112	1
10	0.2172.373	O-ring	864648	1
11	01-46459-02	Washer	864645	1
12	0.0141.502	Screw	841693	6
13	01-46794-12	Screw	3825114	1
14	0.3431.000	Ball bearing	3830706	2
15	01-46457-04	Motor and accmpl.	3824683	1
16	0.2233.008	Lip seal	864647	1
17	0.0370.325	Retaining ring	943468	1
18	0.0370.062	Retaining ring	3825112	1
19	09-821 B	Impeller	3825113	1
20	07-3830720	Gear	3830720	1
21	07-871099	Flange lock nut M12	971099	1

Ritning nr Drawing no	Pump nr/ stycklista Pump no/ parts list	Pump typ Pump type	Märkning på lock Mark on endcover
03- 13306	10- 13306-01	F75B- 9	3836563/P01 + weckplood 3836563/P01 + code for week

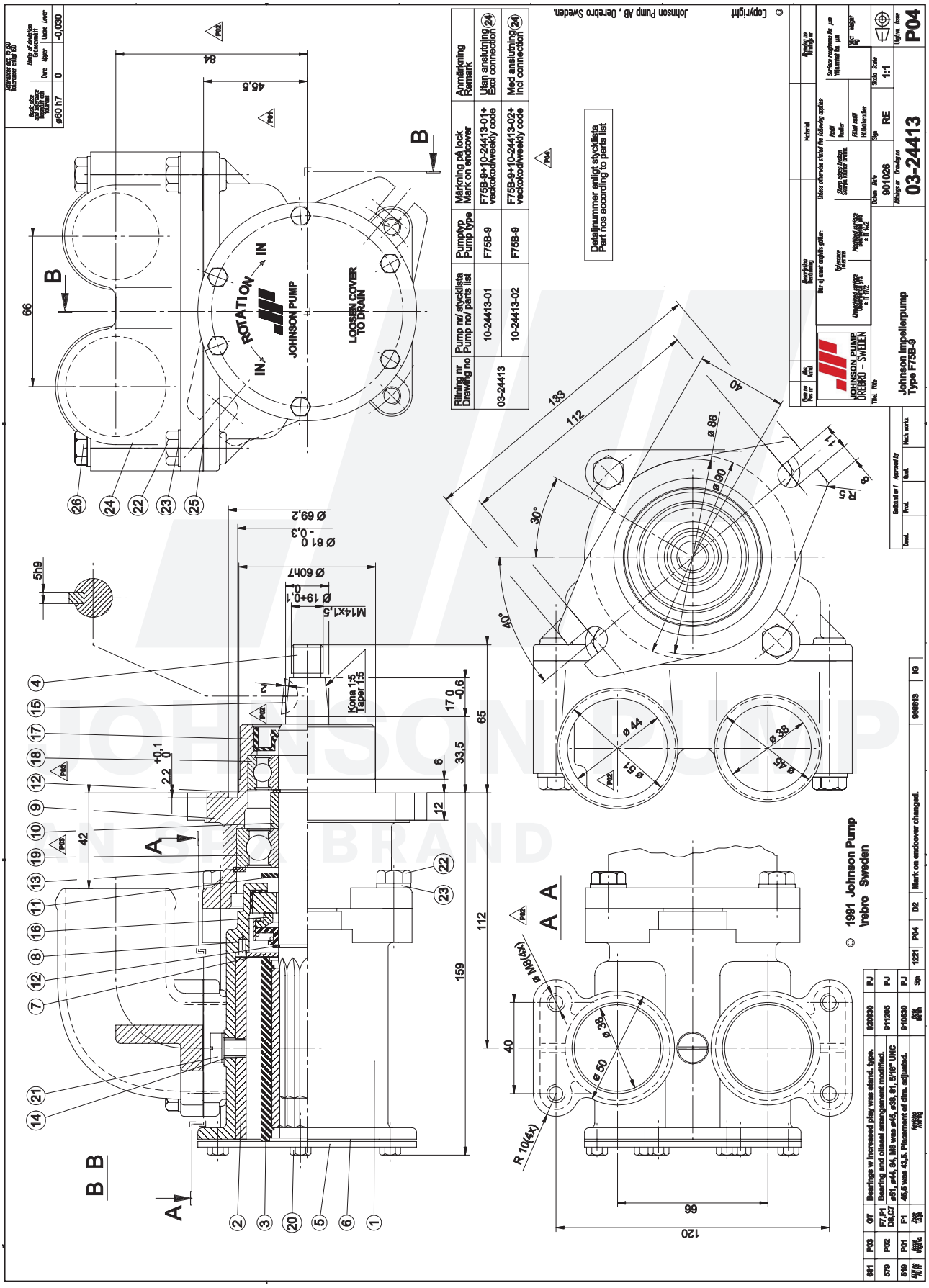
Detaljer enligt stycklista
Part nos according to parts list

Projekt 2502

F75B-9 Impeller pump
Art. No. 10-24413-01

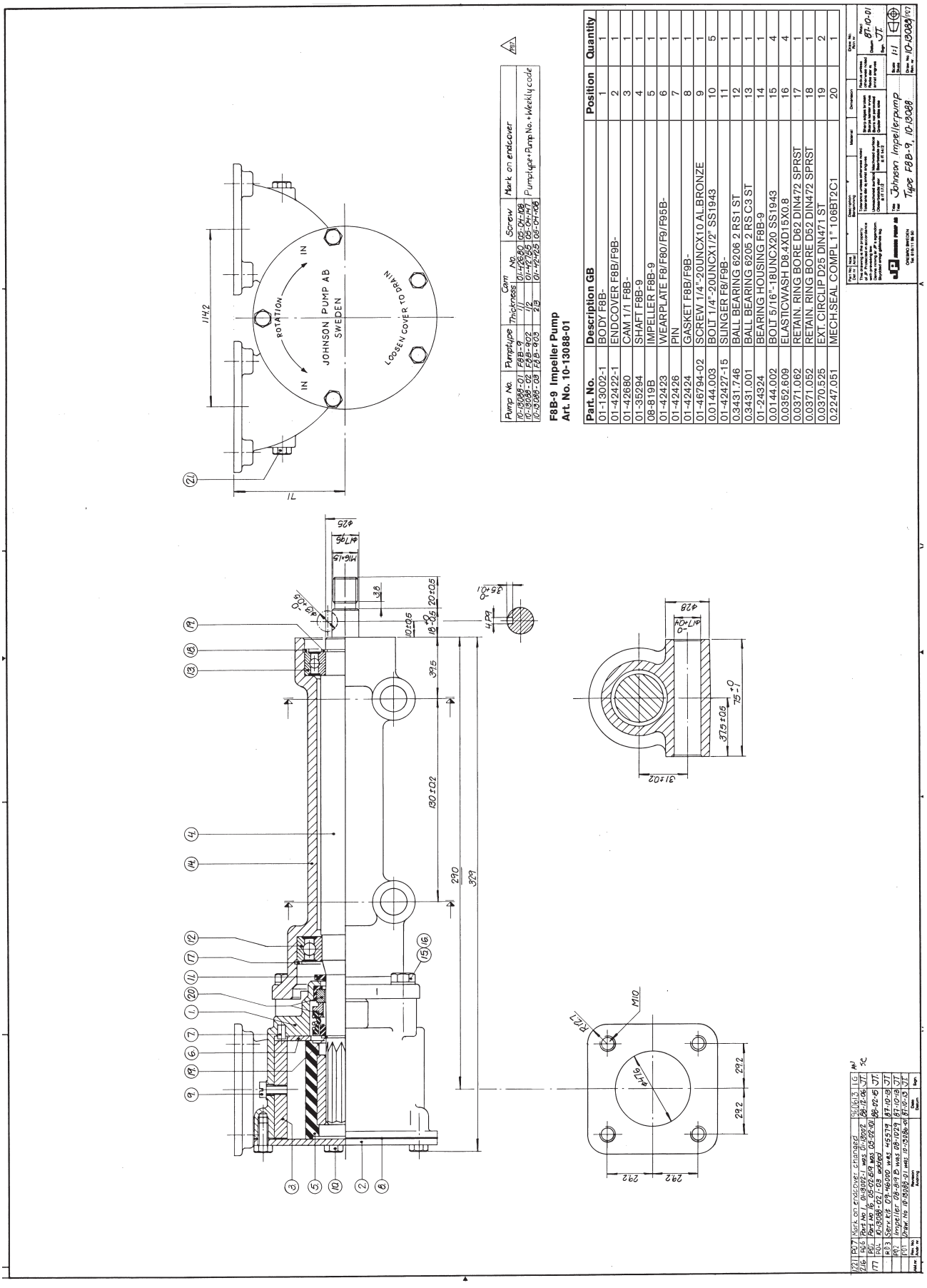
Part. No.	Description GB	Position	Quantity
01-13123-1	BODY F75B-9	1	1
01-46146	CAM 1/1 F75B	2	1
08-821B	IMPELLER F75B	3	1
01-35685	SHAFT F75B-9	4	1
01-46285	ENDCOVER F75B-9	5	1
01-46286	GASKET F75B	6	1
01-42443	WEARPLATE F7B/F70B	7	1
01-42400	PIN F35B-/F7B/F70B	8	1
01-24414-1	BEARING HOUSING F75B-9	9	1
01-46284-1	SPACER F75B-9	10	1
01-42427-15	SLINGER F8/F9B-	11	1
0.0370.525	EXT. CIRCLIP D25 DIN471 ST	12	2
0.0371.062	RETAIN. RING BORE D62 DIN472 SPRST	13	1
01-46790-02	WASHER D8.2XD14X1 CU	14	1
0.0503.032	WOODRUFKEY 5X6.5X16 DIN6888 ST	15	1
0.2247.008	MECH.SEAL COMPL FA25.47.14	16	1
0.2233.351	LIP SEAL 25X47X10/7	17	1
0.3431.001	BALL BEARING 6205 2 RS C3 ST	18	1
0.3431.044	BALL BEARING 6305 2RS C3 ST	19	1
0.0141.502	SCREW M5X8 DIN933SLOTTED BRASS	20	6
01-46794-12	SCREW M8X12 AL.BRONZE	21	1
0.0141.918	TAP BOLT M8X25 DIN933 8.8ZP	22	4
0.0353.309	SPRINGWASH D8.2 DIN127 STZN	23	4

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB



The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB

10-13088 pump F8B-9

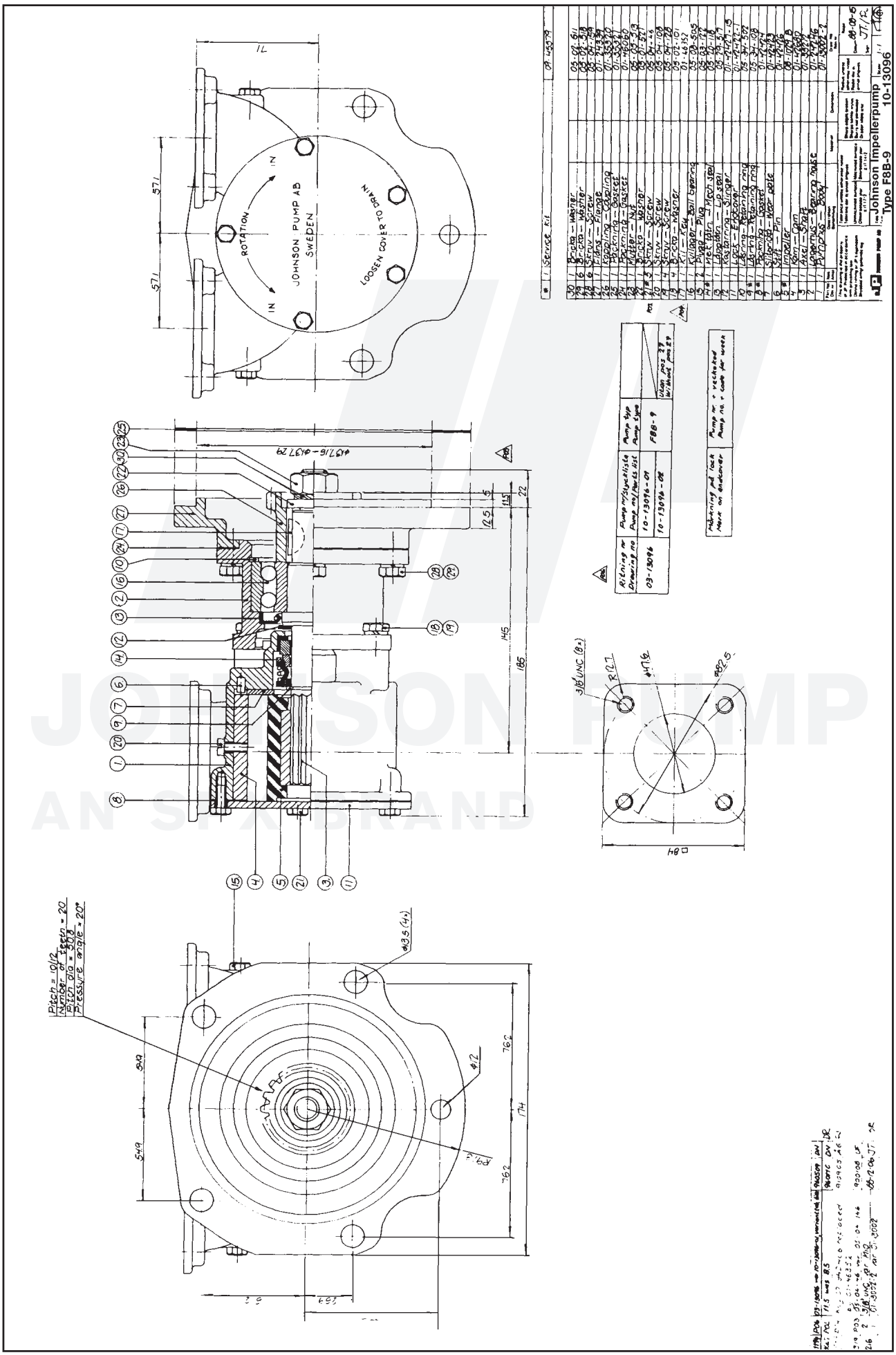


Pump No.	Pumptype	Thickness	Cam No.	Screw	Mark on endcover
10-13088-01	F8B-9	1/1	01-42680	05-04-108	Pumptype+Pump No.+Weekly code
10-13088-02	F8B-902	1/2	01-47155	05-04-147	
10-13088-03	F8B-903	2/3	01-42425	05-04-106	

F8B-9 Impeller Pump
Art. No. 10-13088-01

Part. No.	Description GB	Position	Quantity
01-13002-1	BODY F8B-	1	1
01-42422-1	ENDCOVER F8B/F9B-	2	1
01-42680	CAM 1/1 F8B-	3	1
01-35294	SHAFT F8B-9	4	1
08-819B	IMPELLER F8B-9	5	1
01-42423	WEARPLATE F8/F80/F9/F95B-	6	1
01-42426	PIN	7	1
01-42424	GASKET F8B/F9B-	8	1
01-46794-02	SCREW 1/4"-20UNCX10 ALBRONZE	9	1
0.0144.003	BOLT 1/4"-20UNCX1/2" SS1943	10	5
01-42427-15	SLINGER F8/F9B-	11	1
0.3431.746	BALL BEARING 6206 2 RS1 ST	12	1
0.3431.001	BALL BEARING 6205 2 RS C3 ST	13	1
01-24324	BEARING HOUSING F8B-9	14	1
0.0144.002	BOLT 5/16"-18UNCX20 SS1943	15	4
0.0352.609	ELASTICWASH D8.4XD15X0.8	16	4
0.0371.062	RETAIN. RING BORE D62 DIN472 SPRST	17	1
0.0371.052	RETAIN. RING BORE D52 DIN472 SPRST	18	1
0.0370.525	EXT. CIRCLIP D25 DIN471 ST	19	2
0.2247.051	MECH.SEAL COMPL 1" 106BT2C1	20	1

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB



JOHNSON PUMP
AN SPX BRAND

F8B-9 Impeller pump
Art. No. 10-13180-01

Service Kit No. 09-46692

Part no.	Description GB	Position	Quantity
01-13182-1	BODY F8B-9 (VP)	1	1
01-35796	SHAFT F8B-9	2	1
01-42680	CAM 1/1 F8B-	3	1
01-42423	WEARPLATE F8/F80/F9/F95B-	4	1
01-42426	PIN	5	1
01-35163-3	ENDCOVER F8B-9 (VP)	6	1
0.2172.142	O-RING 90.00X2.5 NBR70	7	1
01-46454	COLLAR	8	1
01-46455	RETAINING RING	9	1
0.2172.573	O-RING 23.4X3.53 BS1806 NBR70	10	1
01-46284-3	SPACER F8B-9	11	1
0.0138.134	TAPBOLT M6X12 DIN933 A2	12	5
01-46794-02	SCREW 1/4”-20UNCX10 AL.BRONZE	13	1
0.3431.525	BALL BEARING 6305	14	2
0.2247.008	MECH.SEAL COMPL FA25.47.14	15	1
0.2234.010	LIP SEAL 25X40X7 DIN3760	16	1
0.0370.525	EXT. CIRCLIP D25 DIN471 ST	17	3
0.0371.062	RETAIN. RING BORE D62 DIN472 SPRST	18	1
08-819B	IMPELLER F8B-9	19	1

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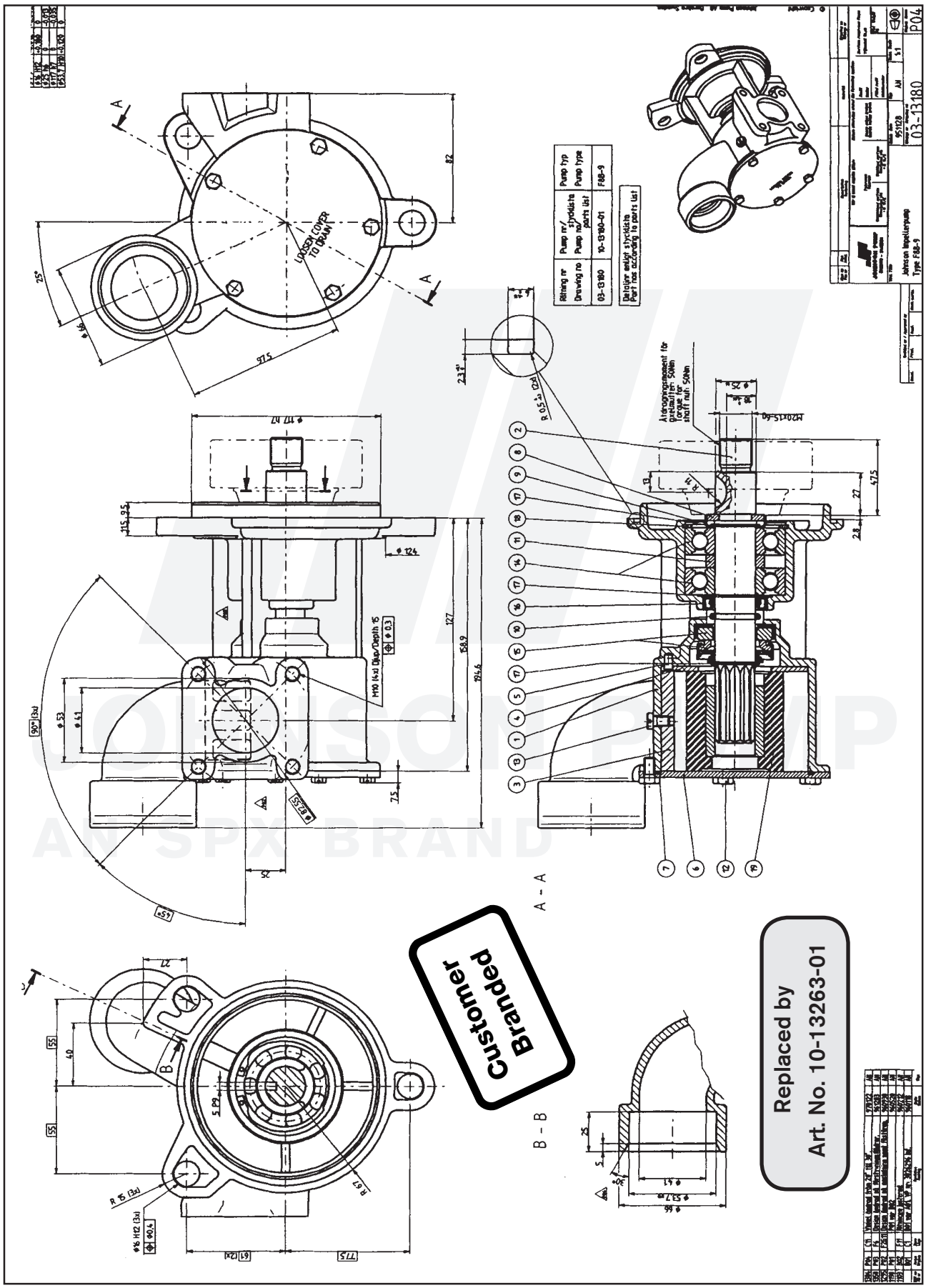

JOHNSON PUMP
AN SPX BRAND

F8B-9 Impeller pump
Art. No. 10-13234-01

Part no.	Description GB	Position	Quantity
01-11206	BODY F8B-	1	1
01-24246	BEARING HOUSING F7/F8/F9B-9	2	1
01-35868	SHAFT F8B-9	3	1
01-42680	CAM 1/1 F8B-	4	1
08-1029B	IMPELLER	5	1
01-42426	PIN	6	1
01-42423	WEARPLATE F8/F80/F9/F95B-	7	1
01-42424	GASKET F8B/F9B-	8	1
0.0370.525	EXT. CIRCLIP D25 DIN471 ST	9	1
0.0371.072	RETAIN. RING BORE D72 DIN472 SPRST	10	1
01-42422-1	ENDCOVER F8B/F9B-	11	1
01-42427-15	SLINGER F8/F9B-	12	1
0.2233.016	LIP SEAL 36X62X7 DPSM	13	1
0.2247.051	MECH.SEAL COMPL 1” 106BT2C1	14	1
0.2500.805	PLUG KR1/8” 6K 11X5 BRASS	15	2
0.3431.684	ANGULAR CONTACT BEARING 3306ATN9	16	1
01-46352	KEY	17	1
0.0353.309	SPRINGWASH D8.2 DIN127 STZN	18	4
0.0144.002	BOLT 5/16”-18UNCX20 SS1943	19	4
01-46794-02	SCREW 1/4”-20UNCX10 AL.BRONZE	20	1
0.0144.003	BOLT 1/4”-20UNCX1/2” SS1943	21	5

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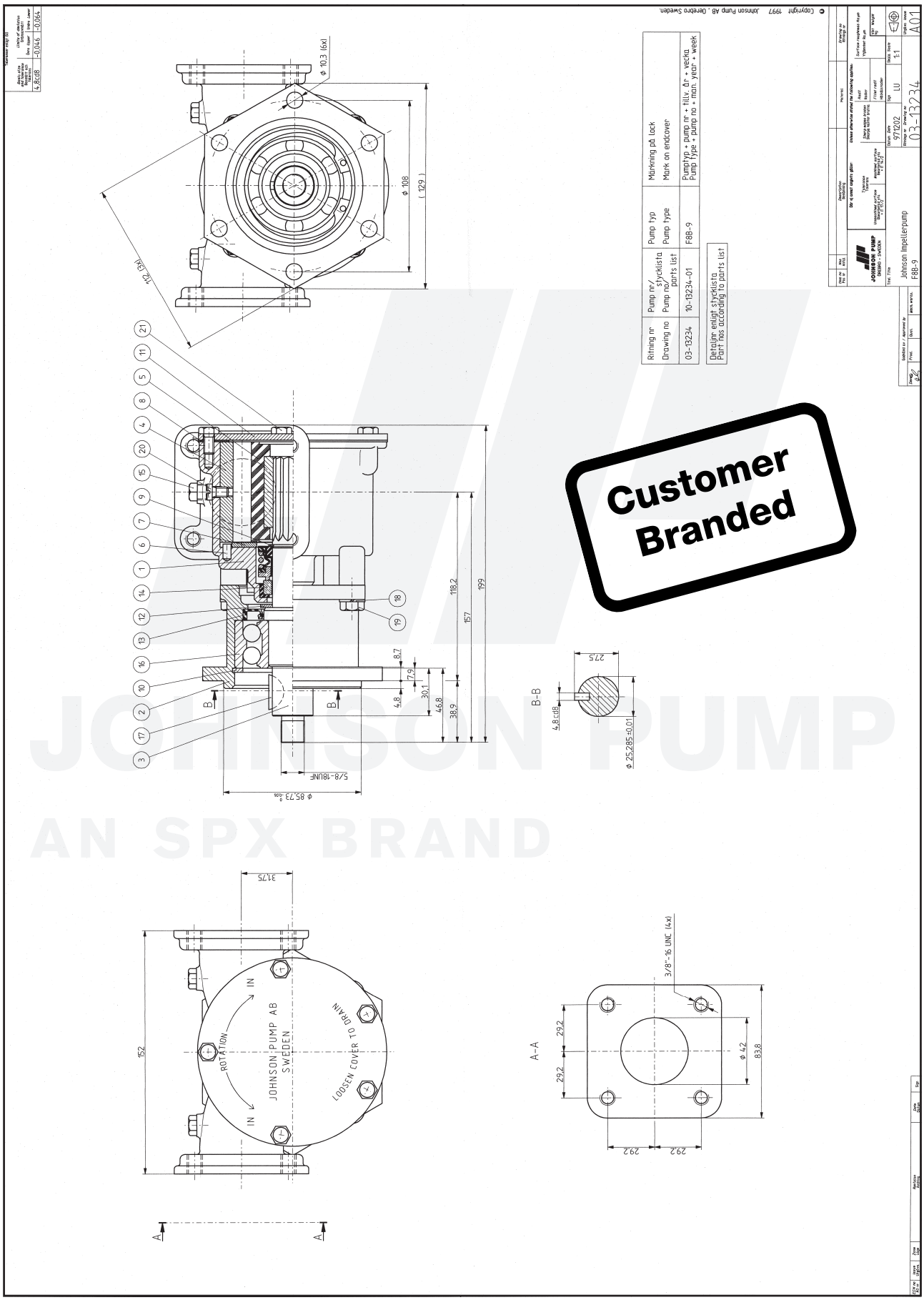
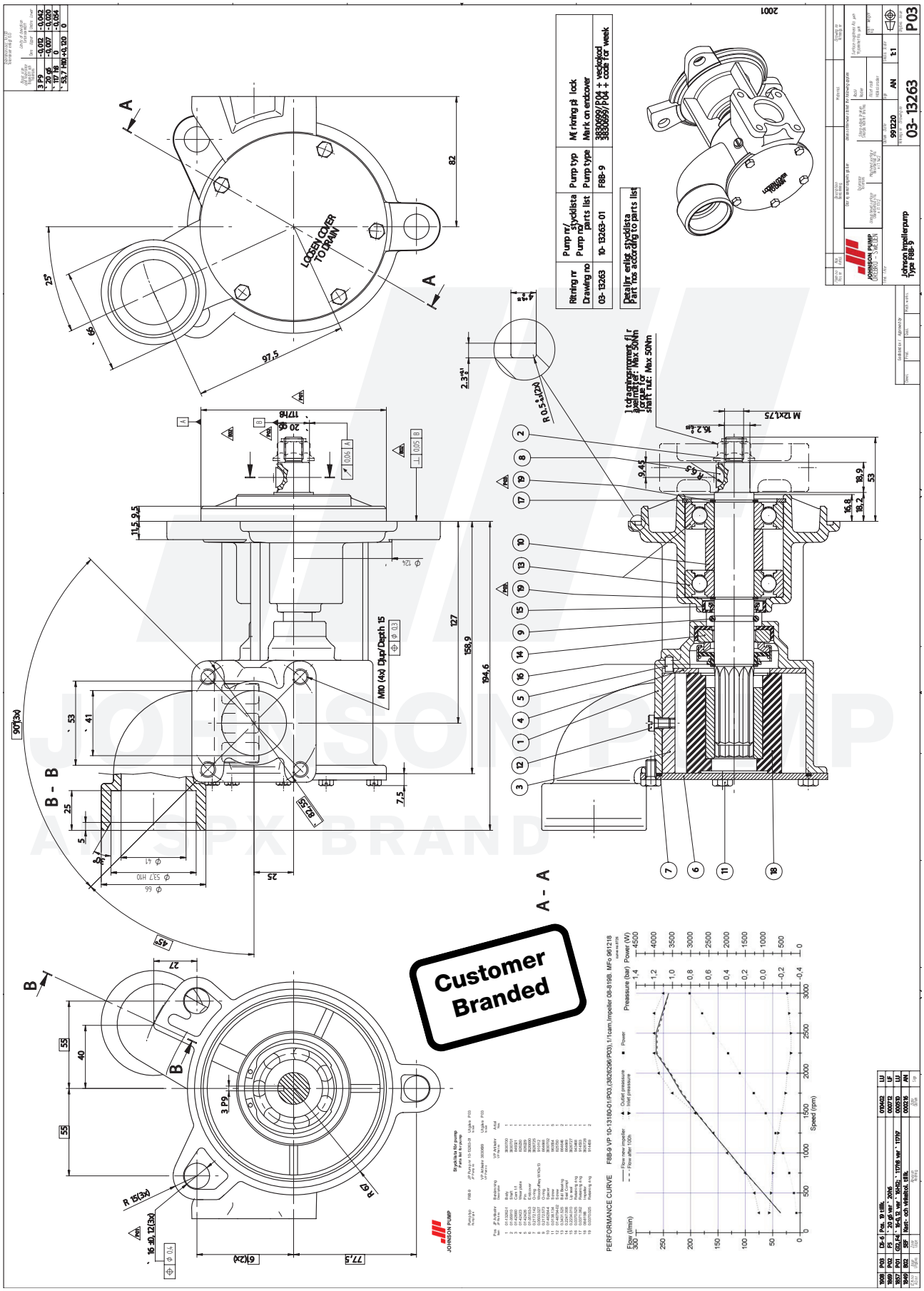

Customer Branded
JOHNSON PUMP
AN SPX BRAND
JOHNSON PUMP AB
SWEDEN
ROTATION
IN
IN
DRAIN
LOOSEN COVER TO
3/8"-16 UNC (4x)
5/8-18UNF
Johnson Impellerpump
F8B-9
03-13234
Pump nr/ styrcklista
Pump number/ parts list
10-13234-01
Pump typ
Pump type
F8B-9
Ritning nr
Drawing no
Detaljmr enligt styrcklista
Part nos according to parts list
Märkning på lock
Mark on endcover
Pumptyp - pump nr + tillv. år + vecka
Pump type + pump no + man. year + week
Copyright 1997 Johnson Pump AB, Delebro Sweden.

F8B-9 Impeller pump
Art. No. 10-13263-01

Part. No.	Description GB	Position	Quantity
01-13262-1	PUMP HOUSING F8B-9 (VP)	1	1
01-35910	SHAFT F8B-9	2	1
01-42680	CAM 1/1 F8B-	3	1
01-42423	WEARPLATE F8/F80/F9/F95B-	4	1
01-42426	PIN	5	1
01-35163-3	ENDCOVER F8B-9 (VP)	6	1
0.2172.142	O-RING 90.00X2.5 NBR70	7	1
0.0503.027	WOODRUFFKEY 3X4.8X13 ST	8	1
0.2172.573	O-RING 23.4X3.53 BS1806 NBR70	9	1
01-46284-4	SPACER F8B-9	10	1
0.0138.134	TAP BOLT M6X12 DIN933 A2	11	5
01-46794-02	SCREW 1/4”-20UNCX10 AL.BRONZE	12	1
0.3431.525	BALL BEARING 6305	13	2
0.2247.008	MECH.SEAL COMPL FA25.47.14	14	1
0.2234.010	LIP SEAL 25X40X7 DIN3760	15	1
0.0370.525	EXT. CIRCLIP D25 DIN471 ST	16	1
0.0371.062	RETAIN. RING BORE D62 DIN472 SPRST	17	1
08-819B	IMPELLER F8B-9	18	1
0.0370.025	EXT. CIRCLIP D25 DIN471 ST	19	2

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB


Customer Branded
PERFORMANCE CURVE F8B-9 VP 10-13180-01/P03,(3826296/P03),1/1cam,Impeller 08-819B, MFo 961218
Flow (l/min)
Speed (rpm)
Pressure (bar)
Power (W)
Flow new impeller
Flow after 100h
Outlet pressure
Inlet pressure
Power
Pump nr/ Pump no
Pump typ Pump type
F8B-9
Ritning nr Drawing no
03- 13263
Detaljnr enligt ritning Part nos according to parts list
Mf rörelse på lock Mark on endcover
3830699/P04 + vecklock
3830699/P04 + code for week
Johnson Impellerpump Type F8B-9
03- 13263
P03
JOHNSON PUMP
A SPX BRAND

F8B-9 Impeller pump
Art. No. 10-13305-01

Part. No.	Description GB	Position	Quantity
01-13262-1	PUMP HOUSING F8B-9 (VP)	1	1
01-35910	SHAFT F8B-9	2	1
01-42680	CAM 1/1 F8B-	3	1
01-42423	WEARPLATE F8/F80/F9/F95B-	4	1
01-42426	PIN	5	1
01-35163-3	ENDCOVER F8B-9 (VP)	6	1
0.2172.142	O-RING 90.00X2.5 NBR70	7	1
0.0503.027	WOODRUFFKEY 3X4.8X13 ST	8	1
0.2172.573	O-RING 23.4X3.53 BS1806 NBR70	9	1
01-46284-4	SPACER F8B-9	10	1
0.0138.134	TAP BOLT M6X12 DIN933 A2	11	5
01-46794-02	SCREW 1/4"-20UNCX10 AL.BRONZE	12	1
0.3431.525	BALL BEARING 6305	13	2
0.2247.008	MECH.SEAL COMPL FA25.47.14	14	1
0.2234.010	LIP SEAL 25X40X7 DIN3760	15	1
0.0370.525	EXT. CIRCLIP D25 DIN471 ST	16	1
0.0371.062	RETAIN. RING BORE D62 DIN472 SPRST	17	1
08-819B	IMPELLER F8B-9	18	1
0.0370.025	EXT. CIRCLIP D25 DIN471 ST	19	2
07-3830720	GEAR	20	1
07-971099	FLANGE LOCK NUT M12, STEEL ISO 7044	21	1

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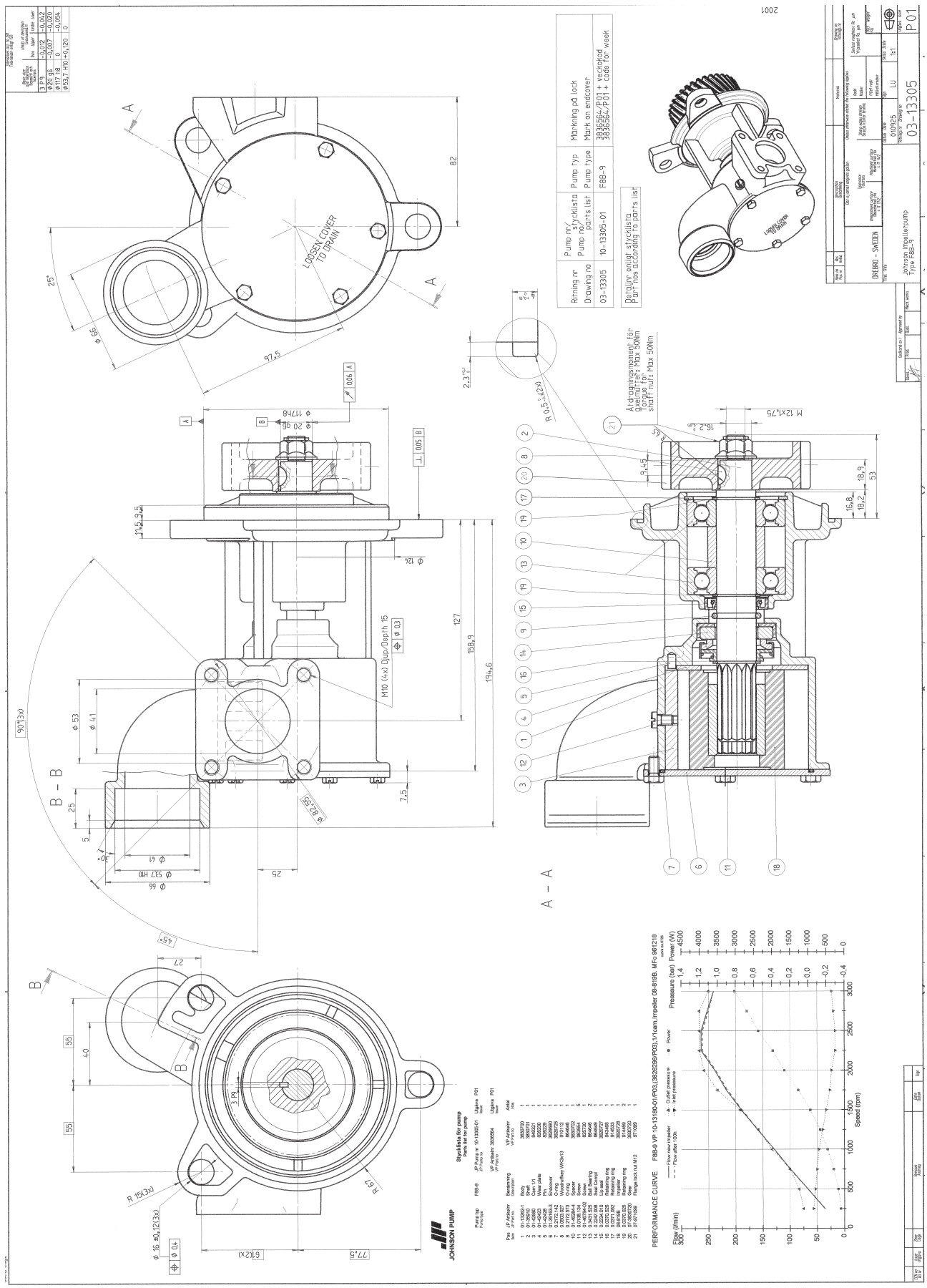
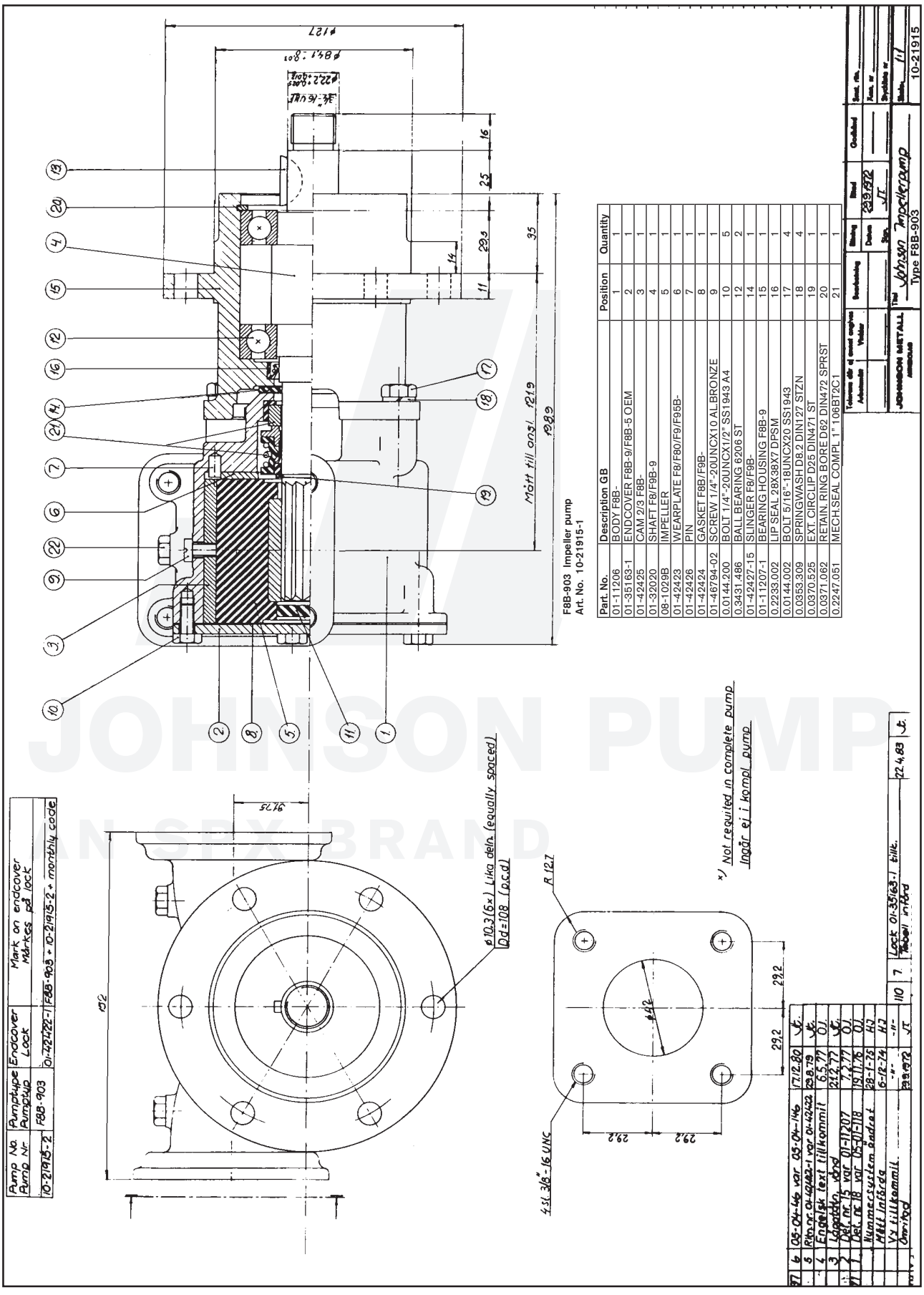

LOOSEN COVER TO DRAIN
A – A
B – B
Johnson impellerpump
Type F8B-9
03-13305
P01
Pump nr/ stycklista Pump nr
Pump no/ parts list
10-13305-01
Pump typ
Pump type
F8B-9
Märkning på lock
Mark on endcover
Ritning nr
Drawing no
03-13305
Detaljer enligt stycklista
Parts according to parts list
PERFORMANCE CURVE
F8B-9 VP 10-13180-01(PD3),(3826298/PD3),1/1cam,impeller 08-8198, MF= 961218
Pressure (bar)
Power (W)
Flow (l/min)
Speed (rpm)

10-21915 pump F8B-903



Part. No.	Description GB	Position	Quantity
01-11206	BODY F8B-	1	1
01-351163-1	ENDCOVER F8B-9/F8B-5 OEM	2	1
01-42425	CAM 2/3 F8B-	3	1
01-32020	SHAFT F8/F9B-9	4	1
08-1029B	IMPELLER	5	1
01-42423	WEARPLATE F8/F80/F9/F95B-	6	1
01-42426	PIN	7	1
01-42424	GASKET F8B/F9B-	8	1
01-46794-02	SCREW 1/4"-20UNCX10 AL.BRONZE	9	1
0.0144.200	BOLT 1/4"-20UNCX1/2" SS1943 A4	10	5
0.3431.486	BALL BEARING 6206 ST	12	2
01-42427-15	SLINGER F8/F9B-	14	1
01-11207-1	BEARING HOUSING F8B-9	15	1
0.2233.002	LIP SEAL 28X38X7 DPSM	16	1
0.0144.002	BOLT 5/16"-18UNCX20 SS1943	17	4
0.0353.309	SPRINGWASH D8.2 DIN127 STZN	18	4
0.0370.525	EXT. CIRCLIP D25 DIN471 ST	19	1
0.0371.062	RETAIN.RING BORE D62 DIN472 SPRST	20	1
0.2247.051	MECH.SEAL COMPL 1" 106BT2C1	21	1

JOHNSON PUMP
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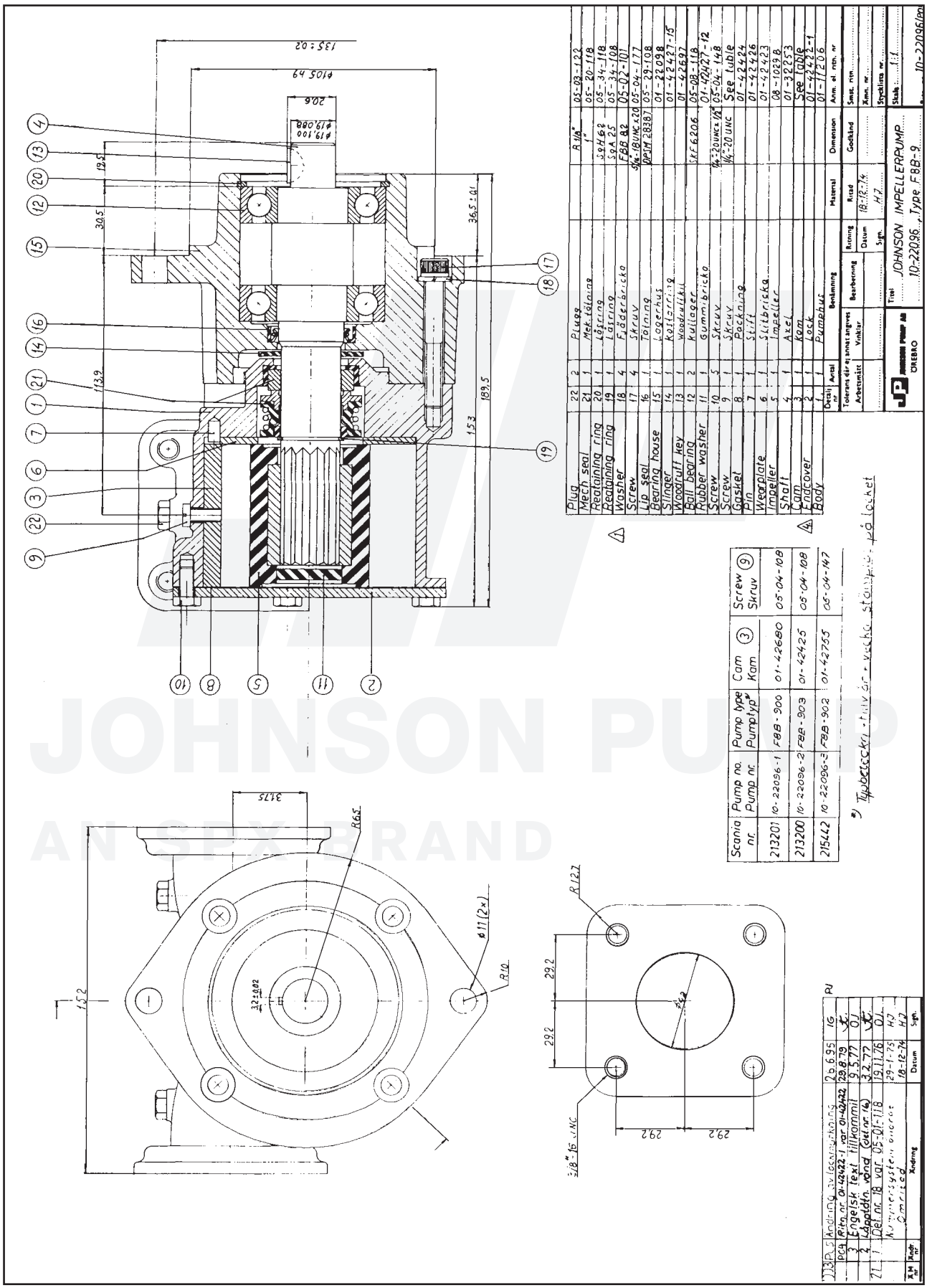
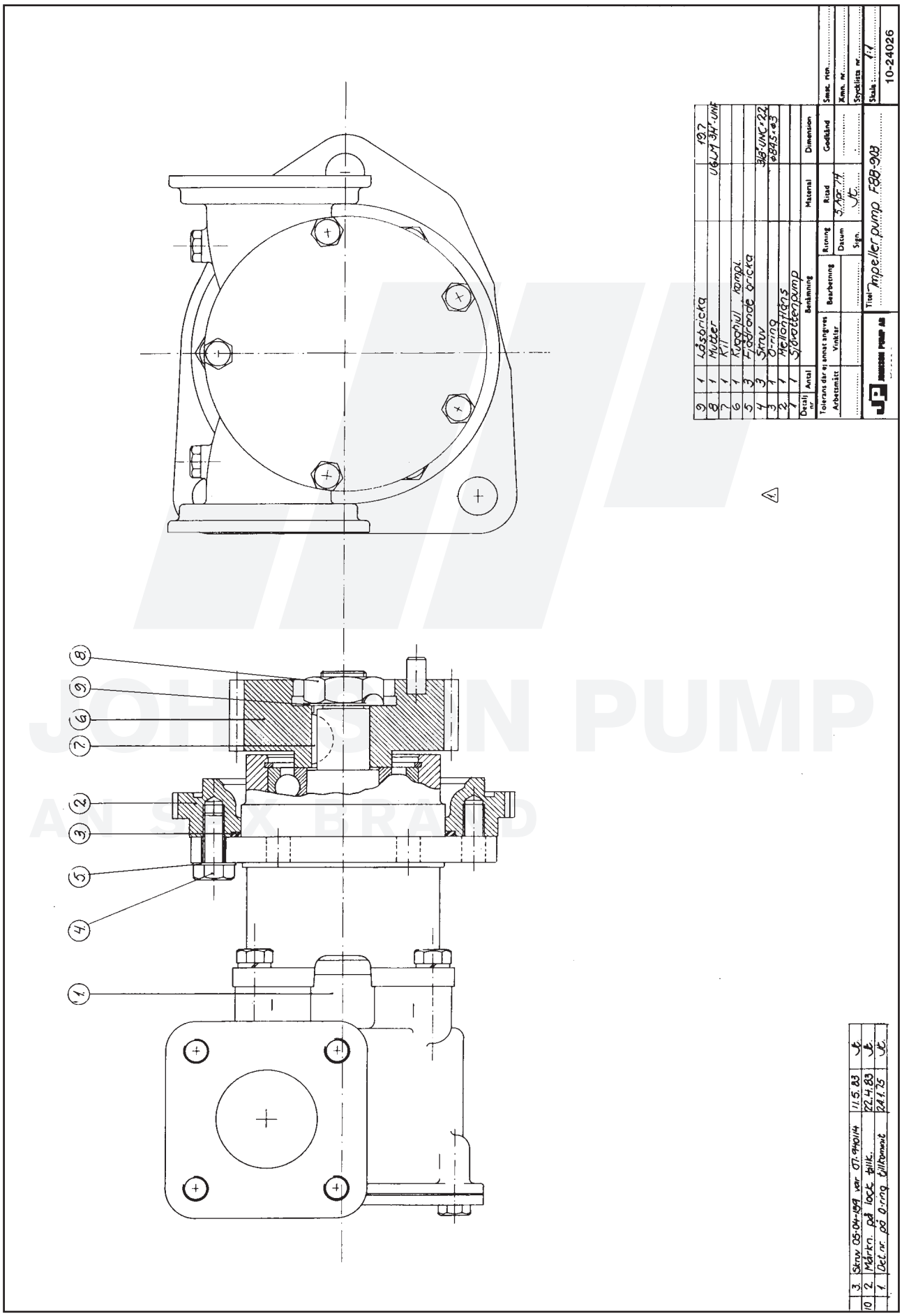

JOHNSON PUMP
AN SPX BRAND
JOHNSON IMPELLERPUMP
10-22096...Type F8B-9
Scania nr. | Pump no. Pump nr. | Pump type Pumptyp*) | Cam Kam (3) | Screw (9) Skruv
213201 | 10-22096-1 | F8B-900 | 01-42680 | 05-04-108
213200 | 10-22096-2 | F8A-903 | 01-42425 | 05-04-108
215442 | 10-22096-3 | F8A-902 | 01-42755 | 05-04-147
*) Typbeteckn. anges vid beställning
Plug
Mech seal
Retaining ring
Retaining ring
Washer
Screw
Lip seal
Bearing house
Slinger
Woodruff key
Ball bearing
Rubber washer
Screw
Screw
Gasket
Pin
Wearplate
Impeller
Shaft
Cam
Endcover
Body
Pumphus
Material
Dimension
Godkänd
Ritad
Datum
Sign.
Ändring
Ritn. nr 01-42422-1 var 01-42422
Engelsk text tillkommit
Lagerhåll. vänd (slut nr 14)
Del nr 18 var 05-01-118
Omritad
Ø106.64
Ø19.100
Ø19.088
135:02
20.6
19.5
39.5
13.9
36.5:01
153
189.5
R65
37.5
32:1402
Ø11(2x)
R10
15.2
R12.7
29.2
29.2
29.2
3/8" 16 UNC

10-24026 pump F8B-903



JOHNSON PUMP
AN SPX BRAND

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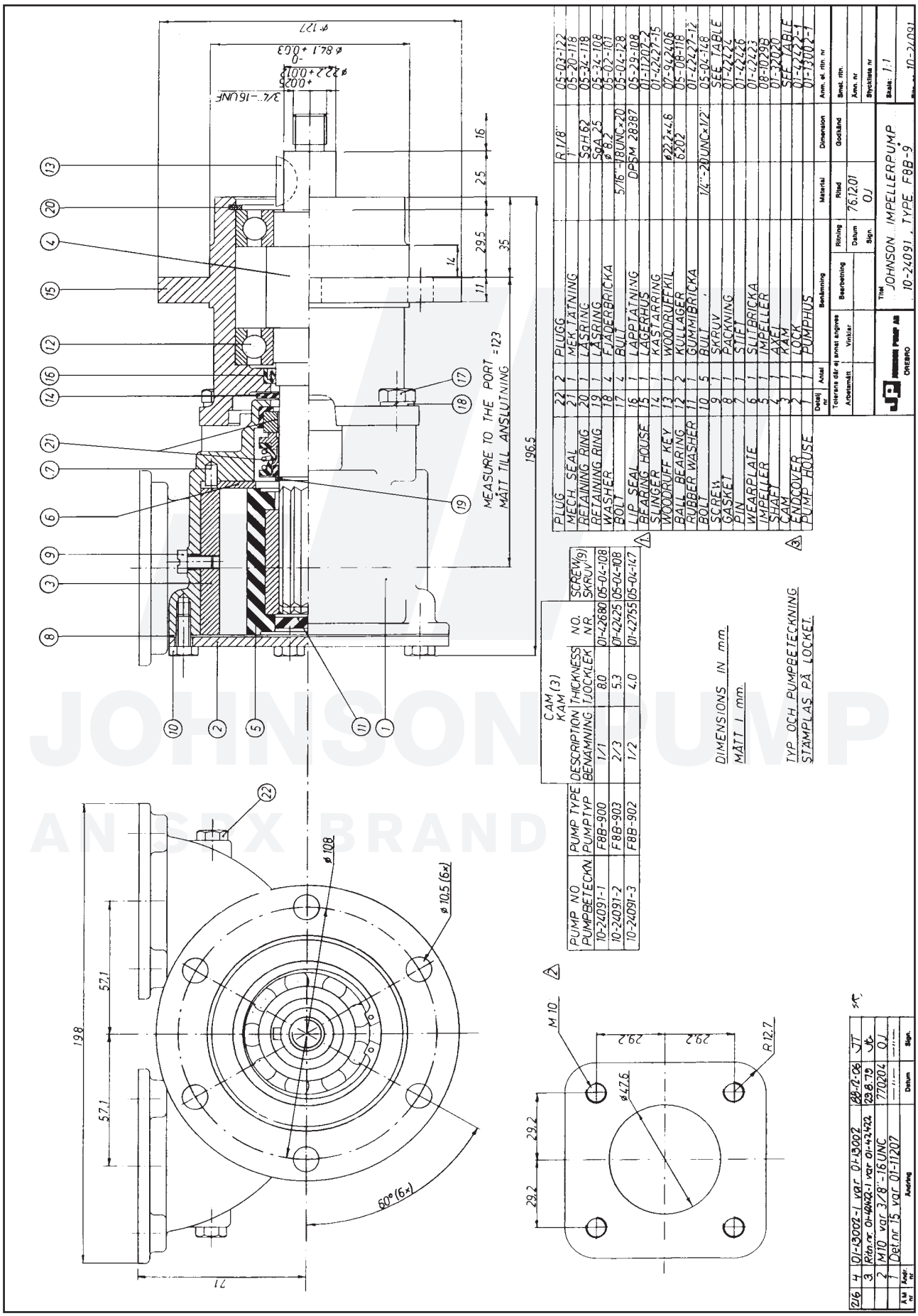


Detalj nr	Antal	Benämning	Material	Dimension	Anm. el. ritn. nr
22	2	PLUGG		R 1/8"	05-03-122
21	1	MEK. TÄTNING			05-20-118
20	1	LÅSRING		SqH 62	05-34-118
19	1	LÅSRING		SqA 25	05-34-108
18	4	FJÄDERBRICKA		ø 8.2	05-02-101
17	4	BULT		5/16"-18UNC×20	05-04-128
16	1	LAPPTÄTNING		OPSM 28387	05-29-108
15	1	LAGERHUS			01-11207-2
14	1	KASTARRING			01-42427-15
13	1	WOODRUFFKIL		ø22.2×4.6	07-94206
12	2	KULLAGER		6202	05-08-118
11	1	GUMMIBRICKA			01-42427-12
10	5	BULT		1/4"-20UNC×1/2"	05-04-168
9	1	SKRUV			SEE TABLE
8	1	PACKNING			01-42424
7	1	STIFT			01-42426
6	1	SLITBRICKA			01-42423
5	1	IMPELLER			08-10298
4	1	AXEL			01-32020
3	1	KAM			SEE TABLE
2	1	LOCK			01-42425-1
1	1	PUMPHUS			01-13002-1

CAM (3) KAM	DESCRIPTION BENÄMNING	THICKNESS TJOCKLEK	NO. NR.	SCREW(9) SKRUV
PUMP TYPE PUMPTYP	1/1	8.0	01-42680	05-04-108
F8B-900	2/3	5.3	01-42425	05-04-108
F8B-903	1/2	4.0	01-42755	05-04-147
F8B-902				

PUMP NO PUMPBETECKN
10-24091-1
10-24091-2
10-24091-3

Ritn.nr	Ändring	Datum	Sign.
01-13002-1 var 01-13002		28-12-06	JT
Ritn.nr. 01-42422-1 var 01-42422		29.8.79	JÖ
M10 var 3/8"-16 UNC		770204	OJ
Det.nr 15 var 01-11207		—"—	—"—

Tolerans där ej annat anges / Arbetsmått	Bearbetning	Ritning	Ritad	Godkänd	Ämn. mtn.
		Datum	76.12.01		Ämn. nr
	Ytvärde	Sign.	OJ		Styckliste nr

JOHNSON PUMP AB ORSBRO

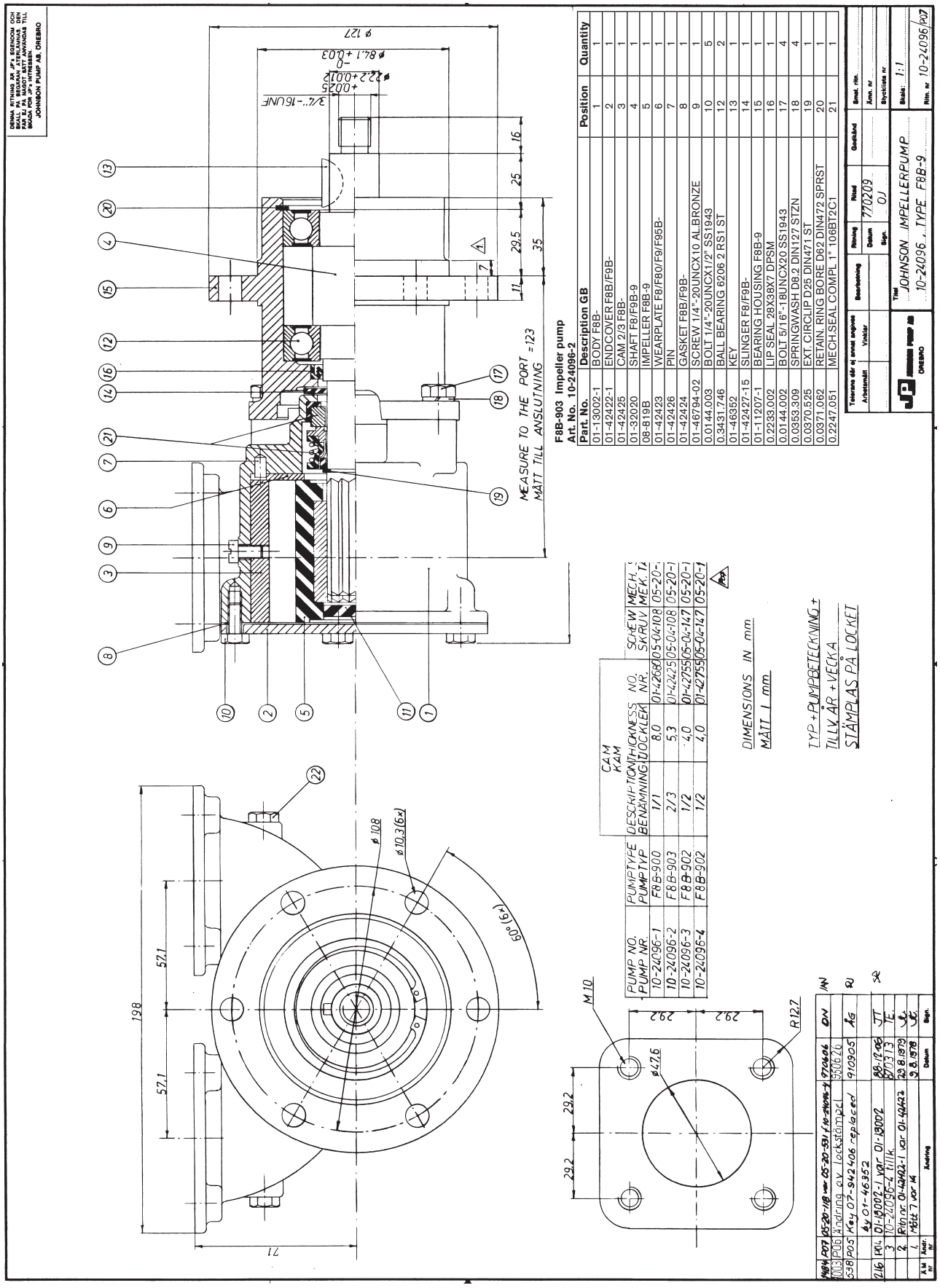
Titel: JOHNSON IMPELLERPUMP 10-24091, TYPE F8B-9

Skala: 1:1

10-24091

JOHNSON PUMP
AN SPX BRAND

10-24096 pump F8B-9



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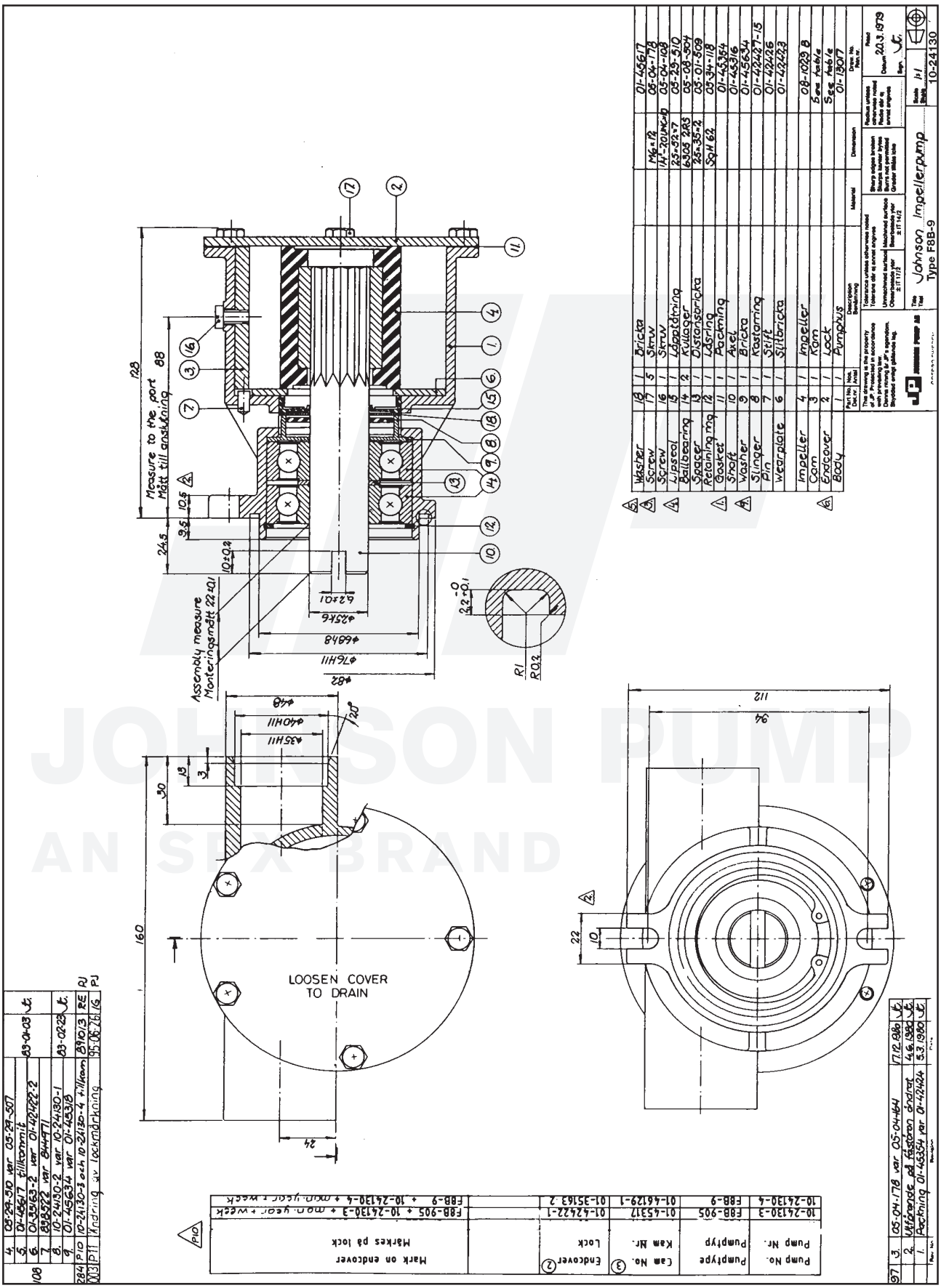
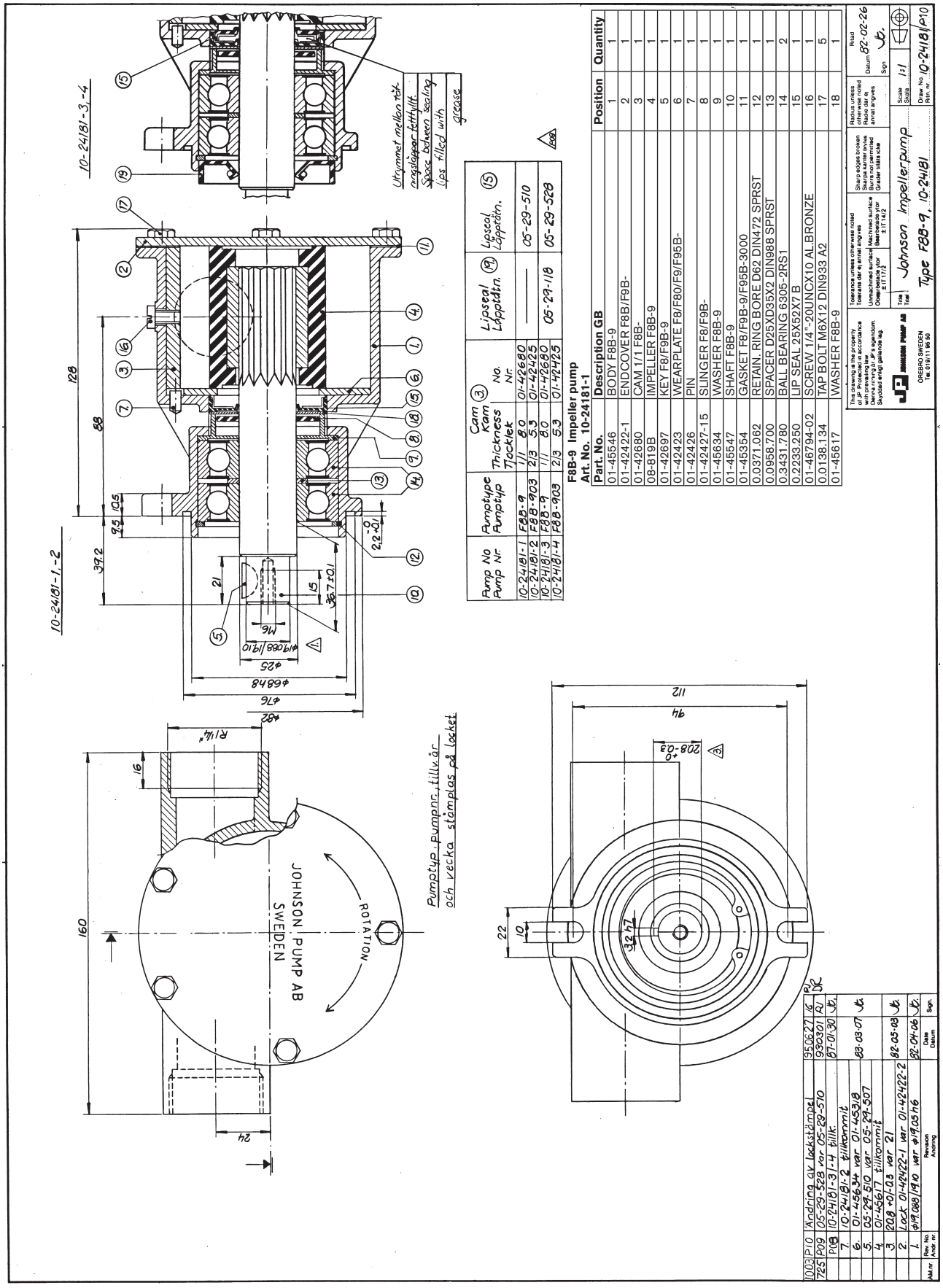


JOHNSON PUMP
AN SPX BRAND

10-24181 pump F8B-9



F8B-9 Impeller pump
Art. No. 10-24181-1

Part. No.	Description GB	Position	Quantity
01-45546	BODY F8B-9	1	1
01-42422-1	ENDCOVER F8B/F9B-	2	1
01-42680	CAM 1/1 F8B-	3	1
08-819B	IMPELLER F8B-9	4	1
01-42697	KEY F8/F9B-9	5	1
01-42423	WEARPLATE F8/F80/F9/F95B-	6	1
01-42426	PIN	7	1
01-42427-15	SLINGER F8/F9B-	8	1
01-45634	WASHER F8B-9	9	1
01-45547	SHAFT F8B-9	10	1
01-45354	GASKET F8/F9B-9/F95B-3000	11	1
0.0371.062	RETAIN. RING BORE D62 DIN472 SPRST	12	1
0.0958.700	SPACER D25XD35X2 DIN988 SPRST	13	1
0.3431.780	BALL BEARING 6305-2RS1	14	2
0.2233.250	LIP SEAL 25X52X7 B	15	1
01-46794-02	SCREW 1/4"-20UNCX10 ALBRONZE	16	1
0.0138.134	TAP BOLT M6X12 DIN933 A2	17	5
01-45617	WASHER F8B-9	18	1

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Tolerances unless otherwise noted
Toleranser där ej annat anges
Unmachined surface/ Obearbetade ytor ±1/1 1/2
Machined surface/ Bearbetade ytor ±1/1 1/4 2
Sharp edges broken
Skarpa kanter avrås
Skarpe kanter brutne
Gråder tillåts icke
Radius unless otherwise noted
Radie där ej annat anges
Radi

JOHNSON PUMP AB
ÖREBRO SWEDEN
Tel 019/11 95 50

Title / Titel: Johnson Impellerpump
Type F8B-9, 10-24181

Datum 82-02-26
Sign
Scale / Skala 1:1
Draw. No / Rit. nr. 10-24181/P10

Rev. No / Ändr. nr	Revision / Ändring	Date / Datum	Sign.
1003 P10	Ändring av lockstämpel	950627	
725 P09	05-29-528 var 05-29-510	930301	
P08	10-24181-3,-4 tillk:	87-01-30	
7.	10-24181-2 tillkommit		
6.	01-45634 var 01-45318	88-03-07	
5.	05-29-510 var 05-29-507		
4.	01-45617 tillkommit		
3.	208 +0/-03 var 21		
2.	Lock 01-42422-1 var 01-42422-2	82-05-03	
1.	ø19.088/19.0 var ø19.05 h6	82-04-06	

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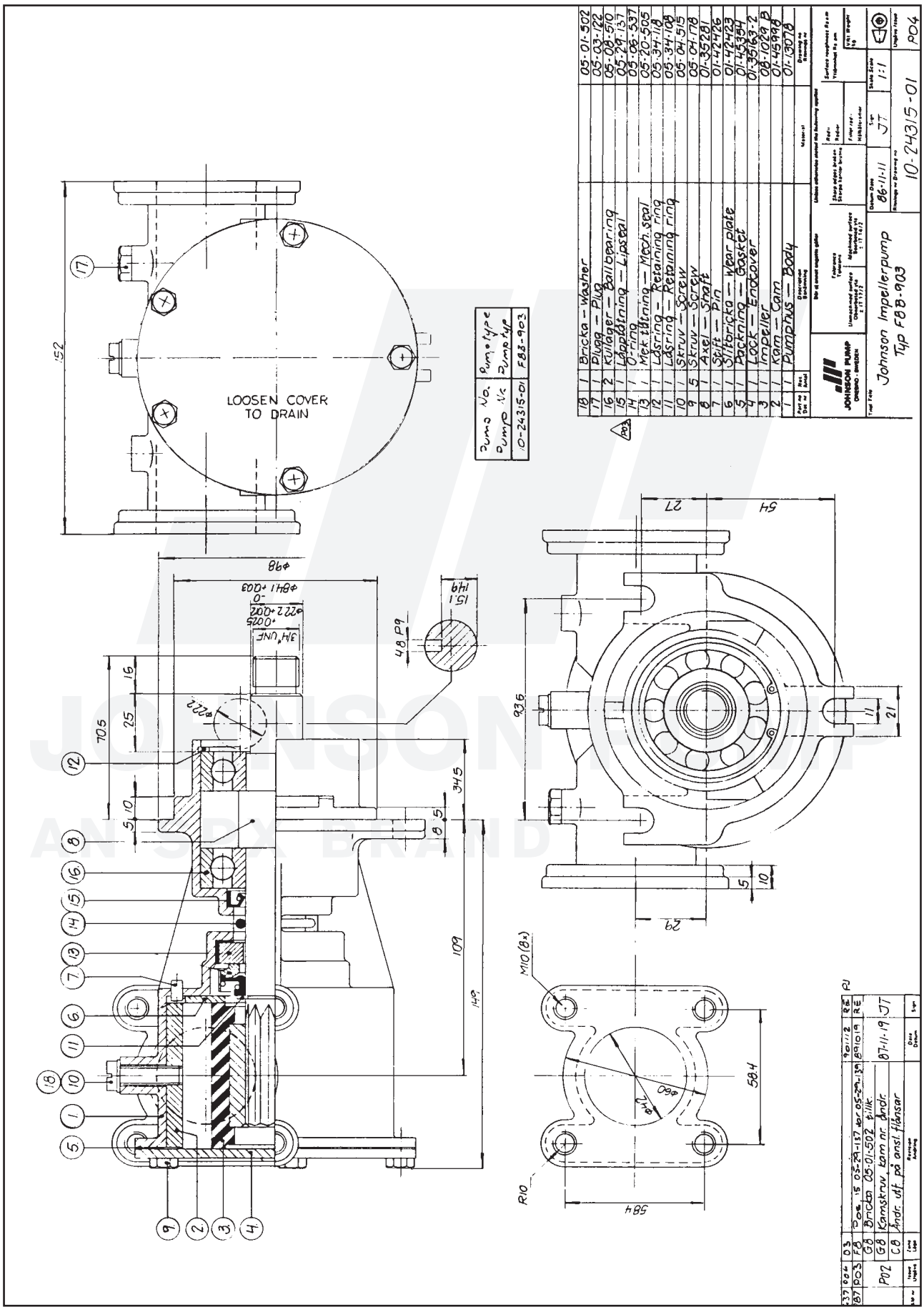
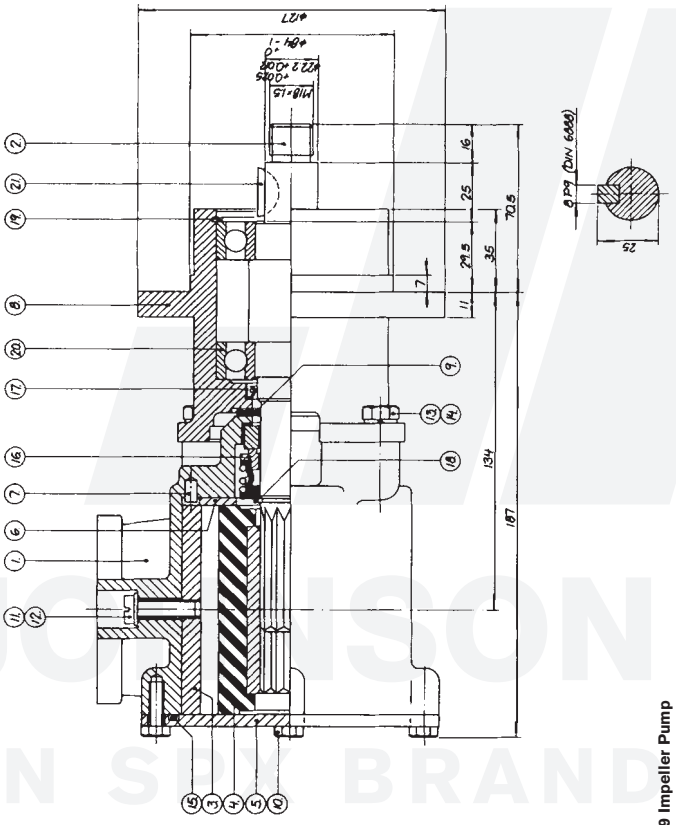
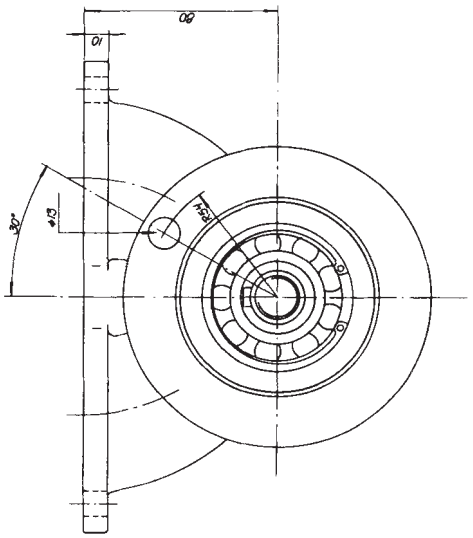
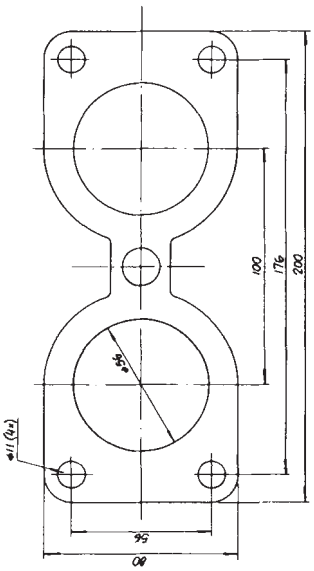


JOHNSON PUMP
AN SPX BRAND

10-13080 pump F9B-9







F9B-9 Impeller Pump
Art. No. 10-13080-01

Part no.	Description GB	Position	Quantity
01-11370	BODY F9B-9	1	1
01-35276	SHAFT F9B-9	2	1
01-45173	CAM 1/1 F9B-9	3	1
08-814B	IMPELLER	4	1
01-45961	ENDCOVER F9B-9	5	1
01-42423	WEARPLATE F8/F80/F9/F95B-	6	1
01-42426	PIN	7	1
01-11207-3	BEARING HOUSING F9B-9	8	1
01-42427-15	SLINGER F8/F9B-	9	1
0.0138.134	TAPBOLT M6X12 DIN933 A2	10	4
01-46790-02	WASHER D8.2XD14X1 CU	11	1
01-46794-09	SCREW M8X25 AL.BRONZE	12	1
0.0353.309	SPRINGWASH D8.2 DIN127 STZN	13	4
0.0144.002	BOLT 5/16"-18UNCX20 SS1943	14	4
0.2173.459	O-RING 94.5X3 NBR/70SH	15	1
0.2247.051	MECH.SEAL COMPL 1" 106BT2C1	16	1
0.2233.002	LIP SEAL 28X38X7 DPSM	17	1
0.0370.525	EXT. CIRCLIP D25 DIN471 ST	18	1
0.0371.062	RETAIN. RING BORE D62 DIN472 SPRST	19	1
0.3431.746	BALL BEARING 6206 2 RS1 ST	20	2
0.0503.038	WOODRUFKEY 8X9X22 DIN6888 ST	21	1

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F9B-9 Impeller Pump
Art. No. 10-13095-01

Part no.	Description GB	Position	Quantity
01-24340	BODY F9B-9	1	1
01-24246	BEARING HOUSING F7/F8/F9B-9	2	1
01-35212	SHAFT F9B-9	3	1
01-43137	CAM 1/1 F9B-	4	1
08-814B	IMPELLER	5	1
01-42426	PIN	6	1
01-42423	WEARPLATE F8/F80/F9/F95B-	7	1
01-42424	GASKET F8B/F9B-	8	1
0.0370.525	EXT. CIRCLIP D25 DIN471 ST	9	1
0.0371.072	RETAIN. RING BORE D72 DIN472 SPRST	10	1
01-42422-1	ENDCOVER F8B/F9B-	11	1
01-42427-15	SLINGER F8/F9B-	12	1
0.2233.016	LIP SEAL 36X62X7 DPSM	13	1
0.2247.051	MECH.SEAL COMPL 1” 106BT2C1	14	1
0.3431.684	ANGULAR CONTACT BEARING 3306ATN9	16	1
01-46352	KEY	17	1
0.0353.309	SPRINGWASH D8.2 DIN127 STZN	18	4
0.0144.002	BOLT 5/16”-18UNCX20 SS1943	19	4
01-46794-02	SCREW 1/4”-20UNCX10 AL.BRONZE	20	1
0.0144.200	BOLT 1/4”-20UNCX1/2” SS1943 A4	21	5
01-46789-05	WASHER D17XD32X5 STZN	22	1
0.0193.001	NUT 5/8”-18UNF LEFT SS1990	23	1
01-46060	GASKET F8/F9B-9	24	1
01-35321	GASKET F8/F9B-9	25	1
01-35320	COUPLING F8/F9B-9	26	1
01-24339	FLANGE F8/F9B-9	27	1
0.0144.004	BOLT 3/8”-16UNCX22 SS1943 STZN	28	6
0.0353.311	SPRINGWASH D10.2 DIN127B STZN	29	6
0.0379.400	LOCKWASH D16.5 DIN6798A SPRST	30	1

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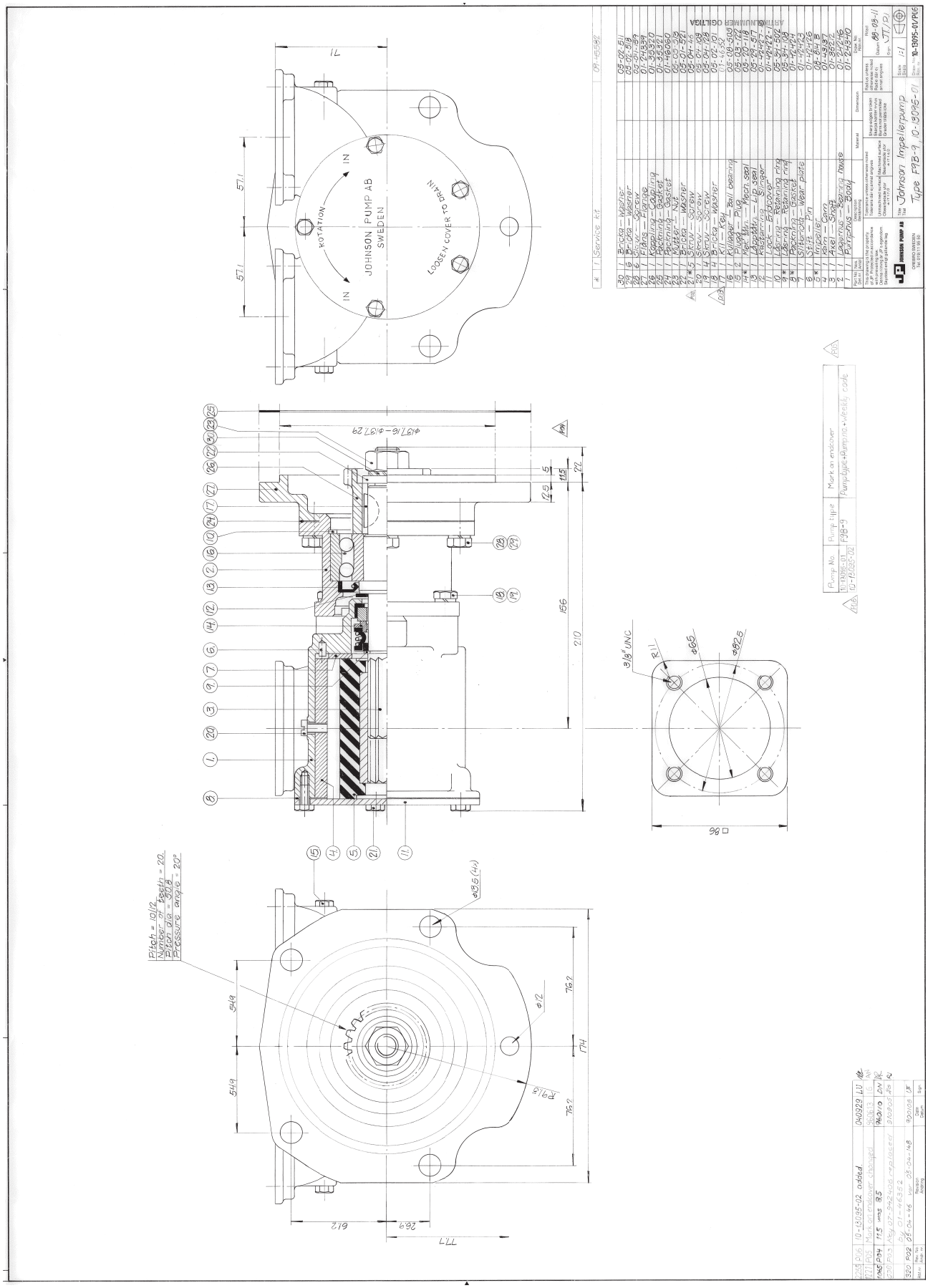
JOHNSON PUMP AB
SWEDEN
ROTATION
IN
LOOSEN COVER TO DRAIN
Pump No. 10-13095-01
Pump Type F9B-9
Mark on endcover
Pump type+pump no.+weekly code
Type F9B-9 10-13095-01/RU6
Johnson Impellerpump
Pitch = 10/12
Number of teeth = 20
Pitch dia = 30.8
Pressure angle = 20°
3/8" UNC
ø165
ø225
ø135 (4x)
ø12
549
612
269
717
76.2
174
156
210
115
22
12.5
5
86 □

F9B-905 Impeller pump

Art. No. 10-13166-01

Service Kit No. 09-45585

Part. No.	Description GB	Position	Quantity
01-13003	BODY F9B	1	1
01-35163-1	ENDCOVER F8B-9/F8B-5 OEM	2	1
01-45018	CAM F9B-905	3	1
01-35742	SHAFT F9B-905	4	1
08-814B	IMPELLER	5	1
01-42423	WEARPLATE F8/F80/F9/F95B-	6	1
01-42426	PIN	7	1
01-42424	GASKET F8B/F9B-	8	1
01-46493	SUPPORT RING F9B-905	9	1
01-46794-02	SCREW 1/4”-20UNCX10 AL.BRONZE	10	1
0.0144.003	BOLT 1/4”-20UNCX1/2” SS1943	11	5
0.3431.486	BALL BEARING 6206 ST	12	1
0.3428.513	CYL ROLLER BEARING NJ206 ECP	13	1
0.3428.514	CYL ROLLER BEARING NU206 ECP	14	1
01-42427-15	SLINGER F8/F9B-	15	1
01-24484-1	BEARING HOUSING F9B-905	16	1
0.2233.002	LIP SEAL 28X38X7 DPSM	17	1
0.0144.002	BOLT 5/16”-18UNCX20 SS1943	18	4
0.0353.309	SPRINGWASH D8.2 DIN127 STZN	19	4
0.0370.525	EXT. CIRCLIP D25 DIN471 ST	20	1
0.0371.062	RETAIN. RING BORE D62 DIN472 SPRST	21	2
0.0370.030	RETAIN. RING SHAFT D30 DIN471 SPRST	22	1
0.2247.051	MECH.SEAL COMPL 1” 106BT2C1	23	1
0.2500.805	PLUG KR1/8” 6K 11X5 BRASS	24	2
0.0633.705	PLUG TYPE 410080 D54.5MM DBI	0	2
0.3444.029	PLASTIC BAG 250X320 MM	0	1

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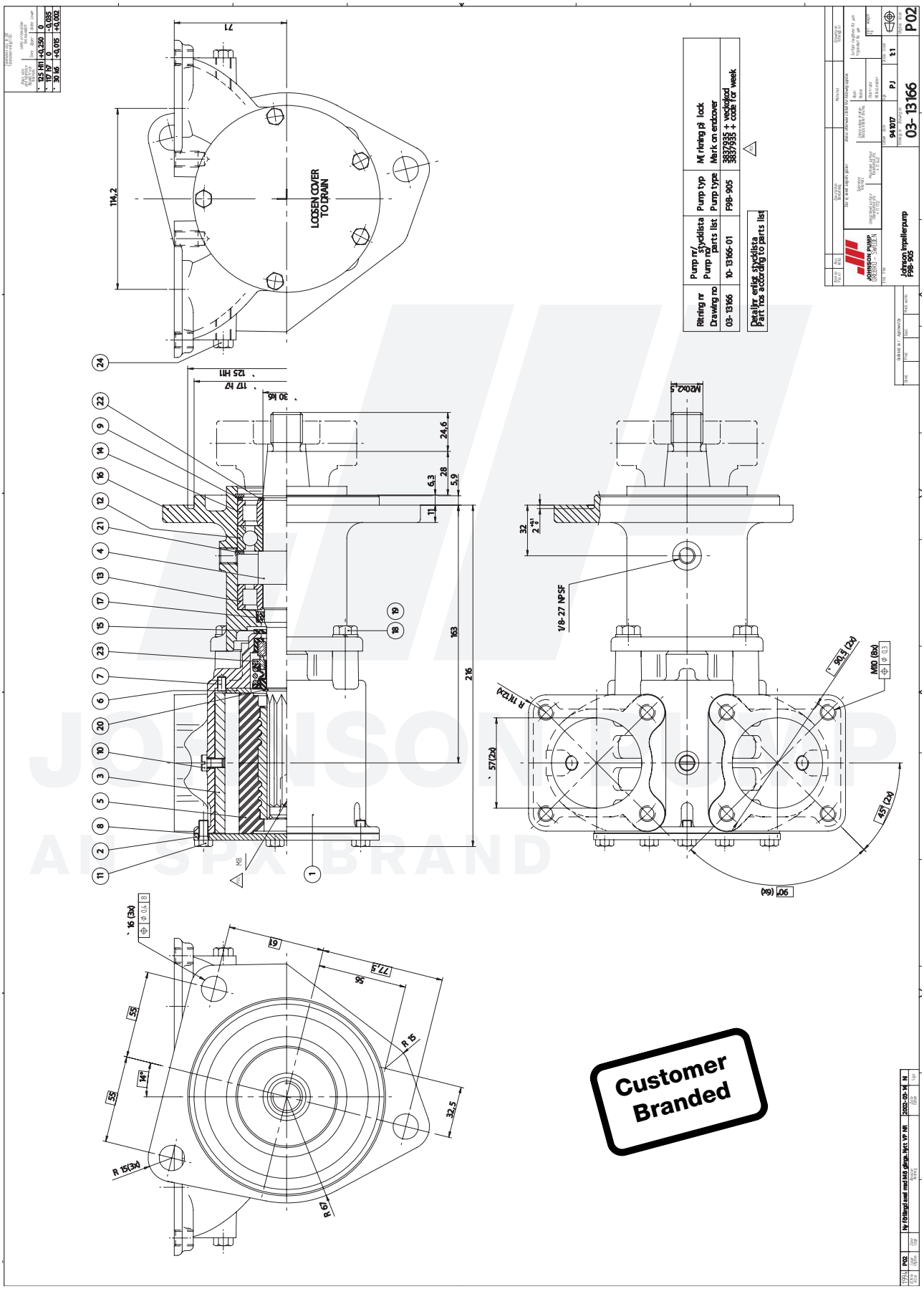

JOHNSON PUMP AB SPX BRAND

F9B-905 Impeller pump

Art. No. 10-13171-01

Part. No.	Description GB	Position	Quantity
01-13173-1	BODY F9B-9	1	1
01-35773-1	ENDCOVER F8/F9/F95 SS	2	1
01-35833	SHAFT F9B	3	1
01-45172	CAM F9B-905	4	1
08-814B	IMPELLER	5	1
0.2172.142	O-RING 90.00X2.5 NBR70	6	1
01-42426	PIN	7	1
01-46538	WEARPLATE F8/F9/F95 SS	8	1
01-13174-1	BEARING HOUSING F9B-9	9	1
01-42747	SPACER F8/F9	10	1
01-24510	PULLEY F9B-9	11	1
0.0353.309	SPRINGWASH D8.2 DIN127 STZN	12	4
0.0502.001	KEY A 4X4X20 DIN6885A ST	13	1
01-46794-09	SCREW M8X25 AL.BRONZE	14	1
0.0141.916	TAP BOLT M8X20 DIN933 8.8ZP	15	4
0.0138.134	TAP BOLT M6X12 DIN933 A2	16	5
0.0146.001	COLLARSCREW M8X16 DIN6921 8.8	17	1
0.3431.780	BALL BEARING 6305-2RS1	18	2
0.2230.319	V-GASKET V 25A NBR70	19	1
0.2247.051	MECH.SEAL COMPL 1” 106BT2C1	20	1
0.0370.525	EXT. CIRCLIP D25 DIN471 ST	21	1
0.0371.062	RETAIN. RING BORE D62 DIN472 SPRST	22	1
0.0351.501	WASHER D8.4XD24X1.5 ISO7093 A2	23	1
0.2173.451	O-RING 54.5X3.0 SS1586 NBR70	24	1
01-46537	DRAIN PIPE	25	1
01-46539	PAD	0	1
0.0142.617	TAP BOLT M10X40 DIN933 8.8ZP	0	2
01-46789-01	WASHER D10.5XD22X3 STZN	0	2
0.0370.025	EXT. CIRCLIP D25 DIN471 ST	27	1

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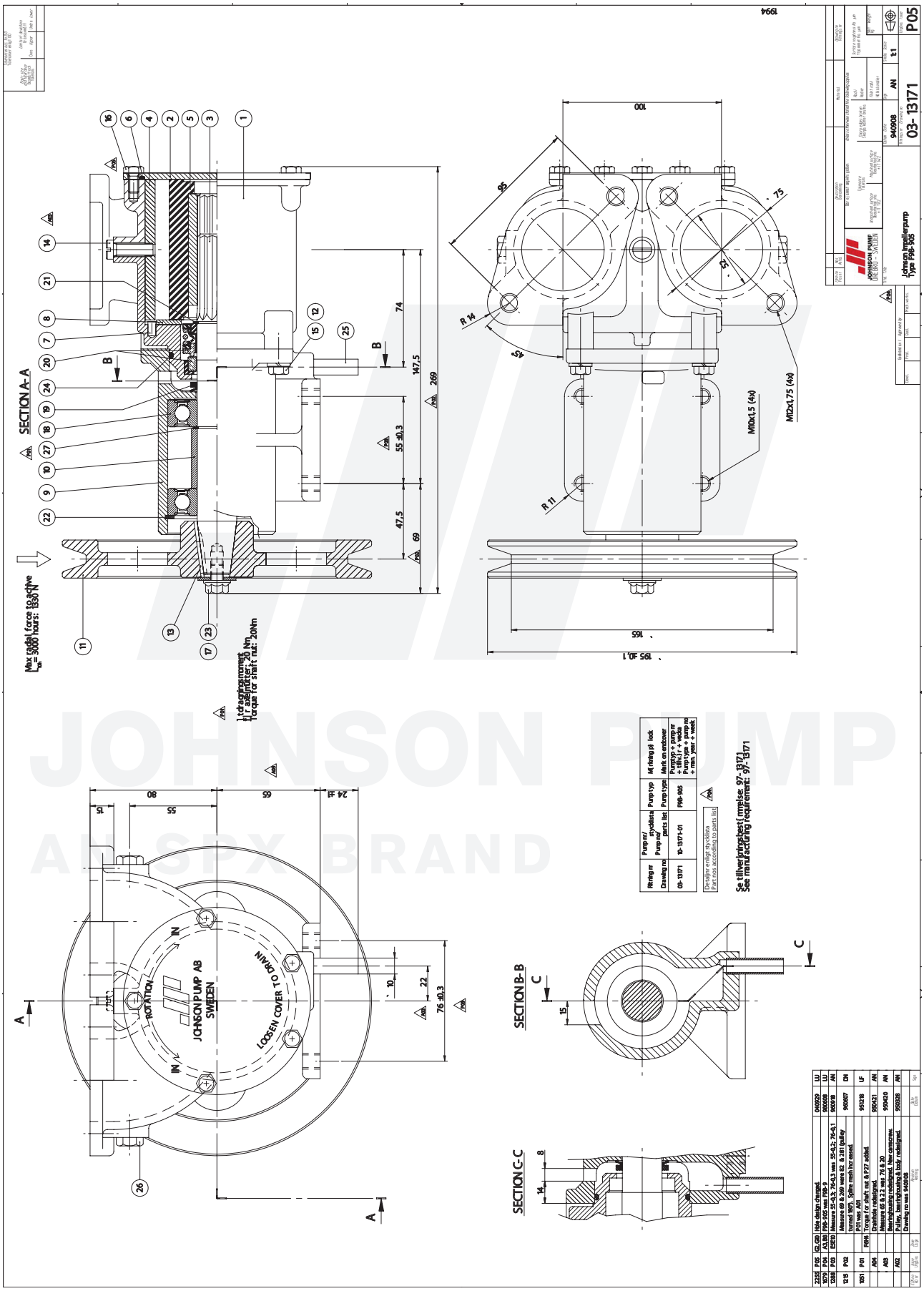
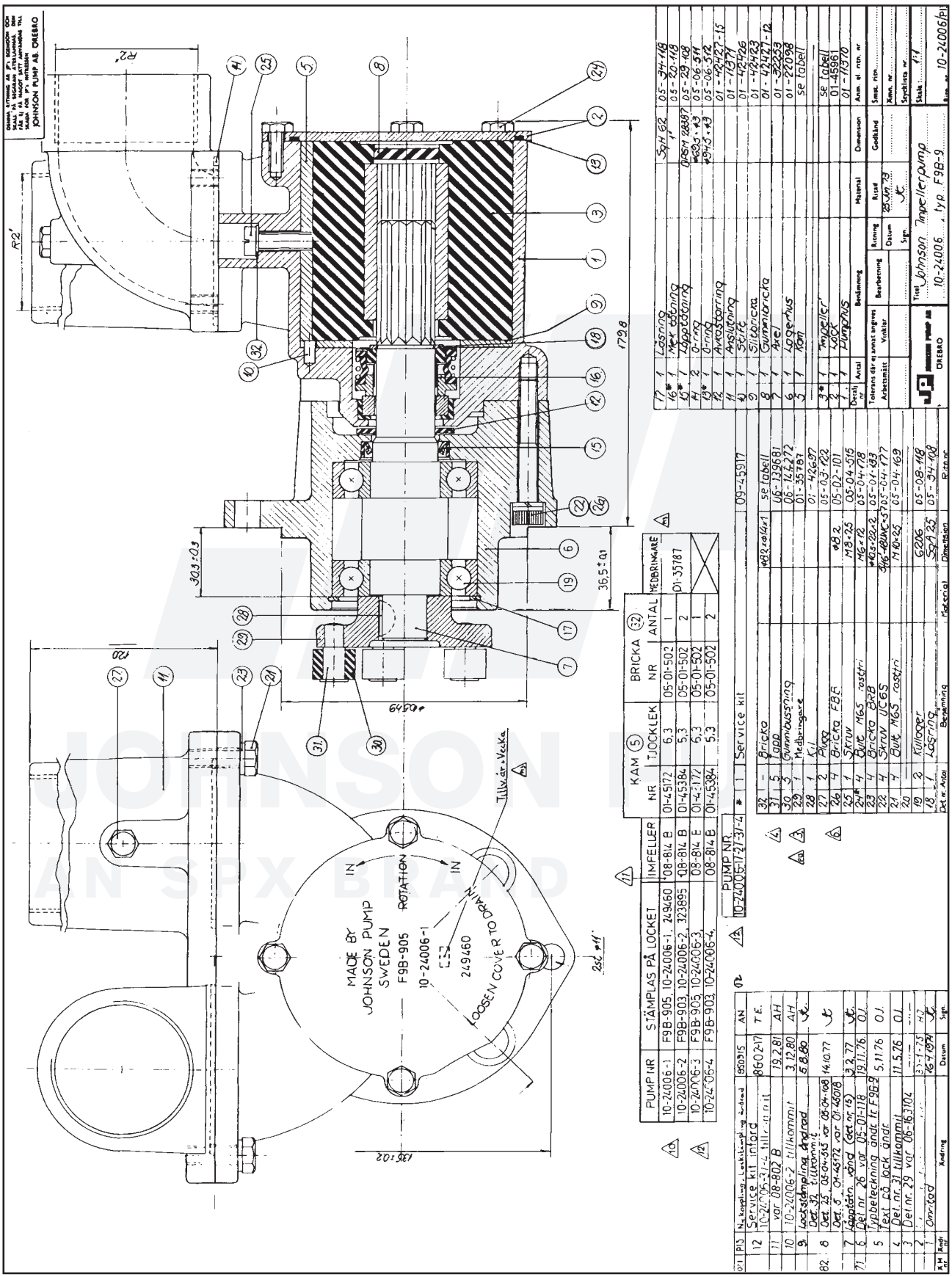

SECTION A-A
SECTION B-B
SECTION C-C
JOHNSON PUMP AB
SWEDEN
ROTATION
LOOSEN COVER TO DRAIN
Max radial force to achieve L10= 3000 hours: 1330 N
Tightening moment for alternator: 20 Nm
Torque for shaft nut: 20Nm
Johnson Impellerpump
Type F9B-905
03- 13171
P05
940908
AN
1:1
JOHNSON PUMP
SPX BRAND

10-24006 pump F9B-9



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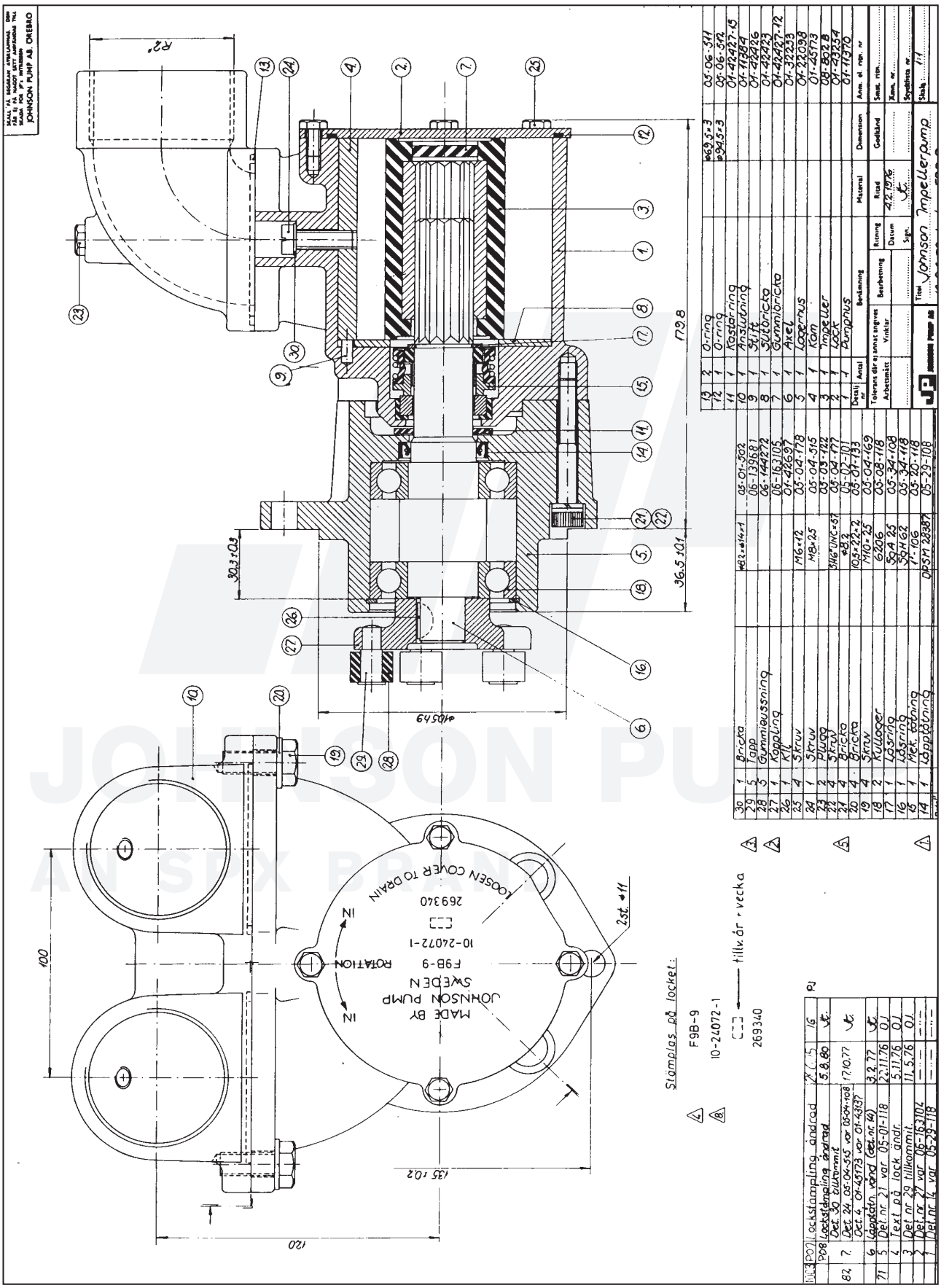

JOHNSON PUMP
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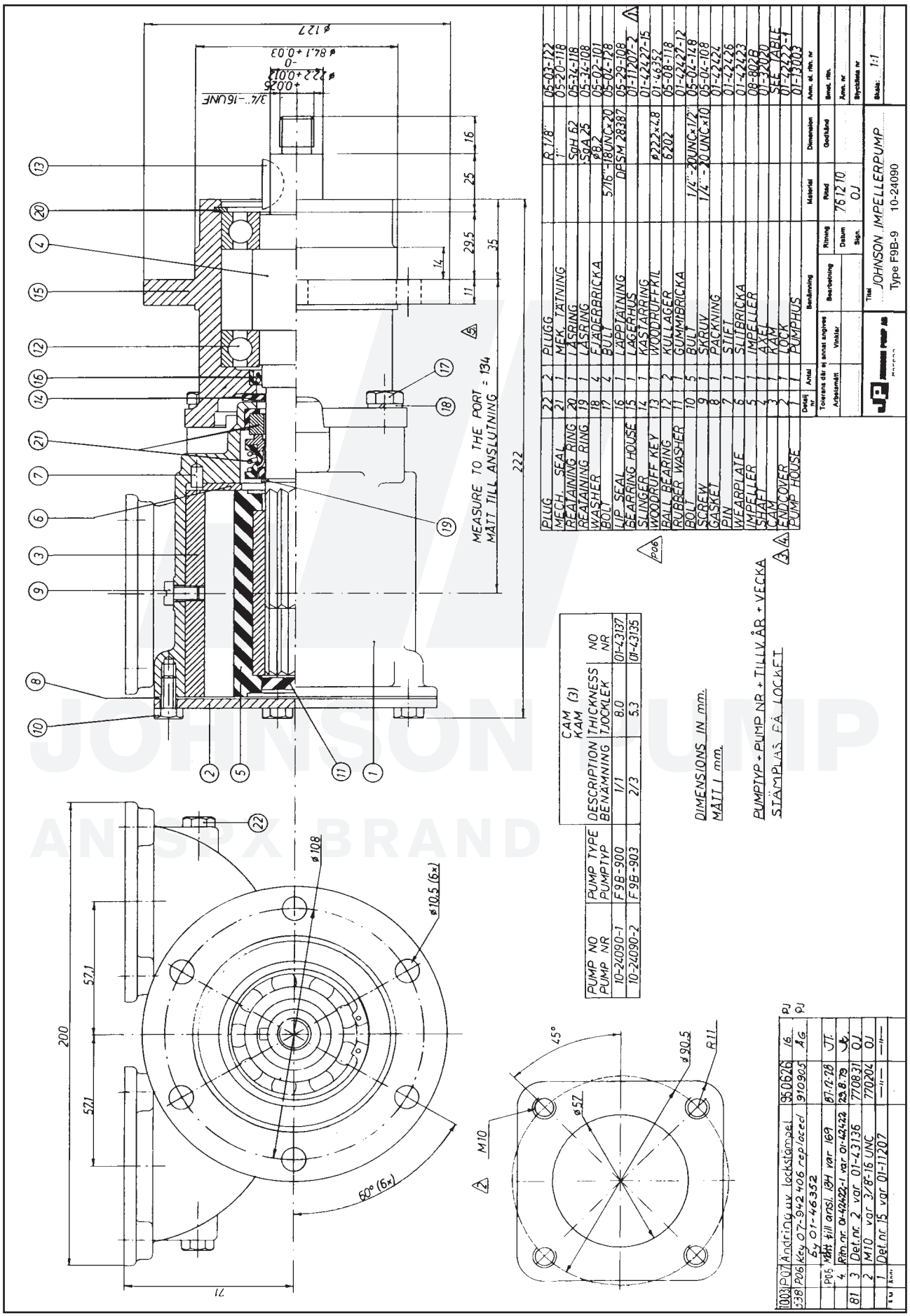
10-24090 pump F9B-9



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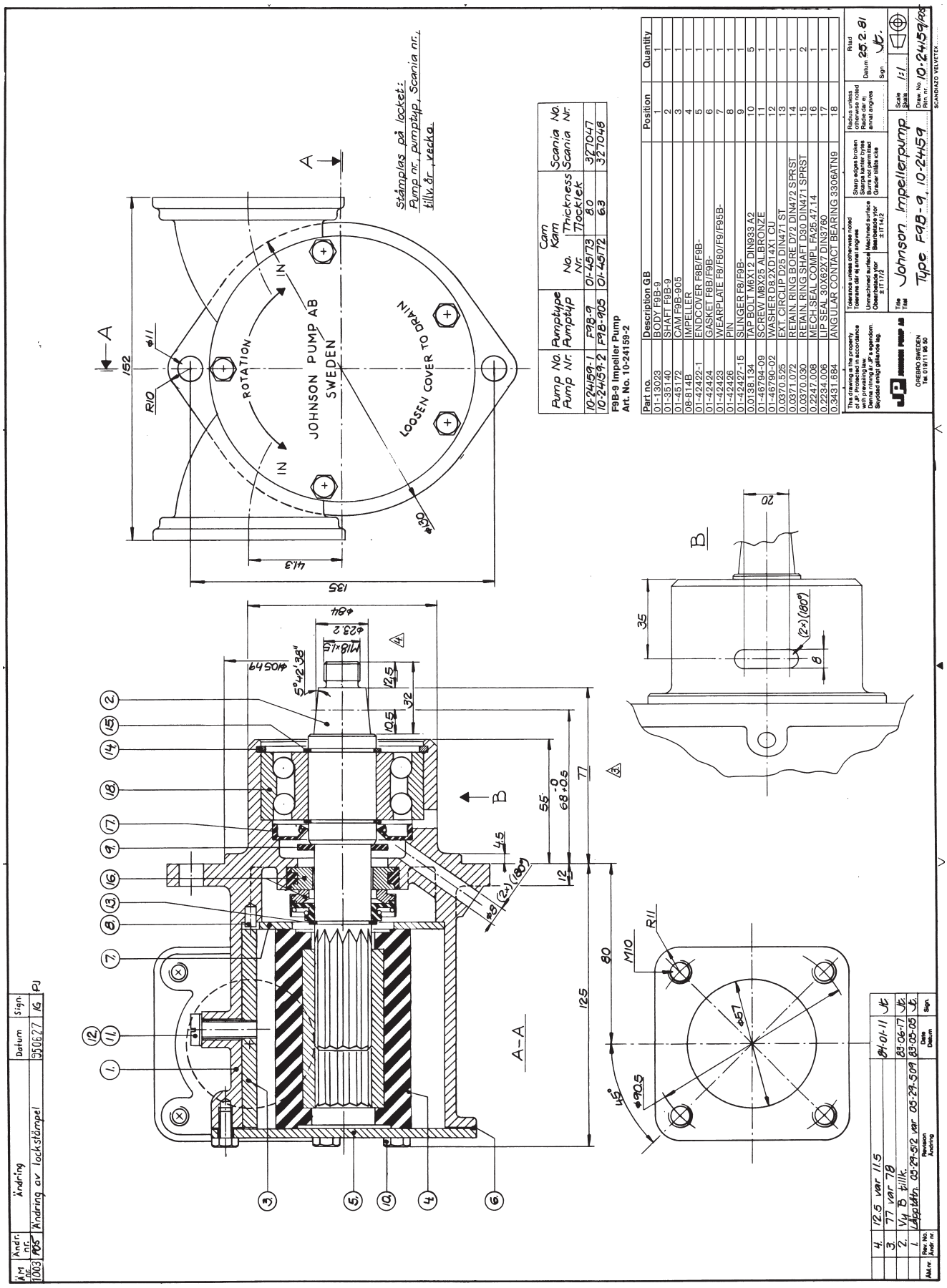
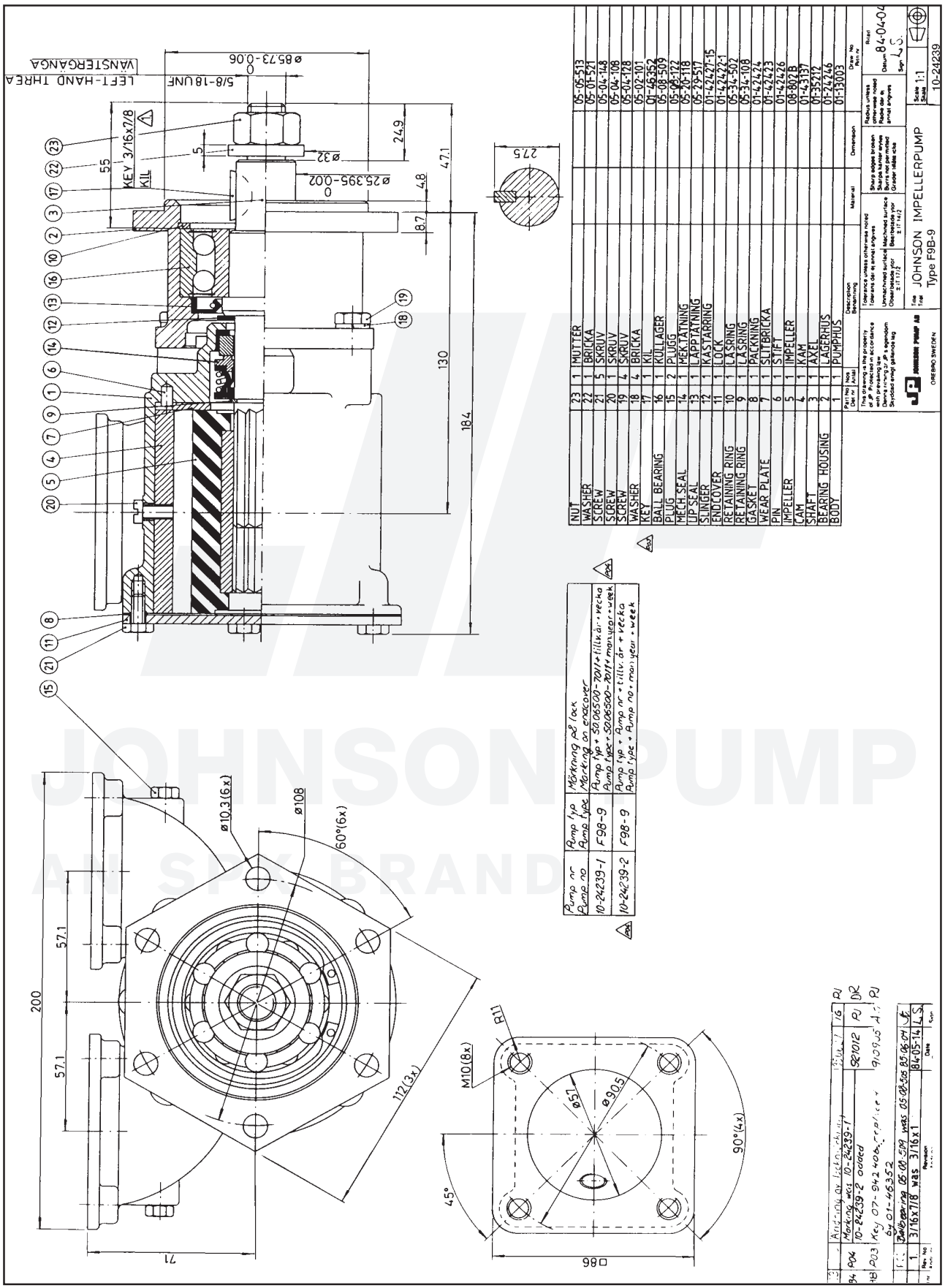

JOHNSON PUMP AB
SWEDEN
ROTATION
IN
LOOSEN COVER TO DRAIN
Stämplas på locket:
Pump nr, pumptyp, Scania nr.
tillv år, vecka.
A-A
B
Johnson Impellerpump
Type F9B-9, 10-24159
JP
ÖREBRO SWEDEN
Tel 019/11 95 50
Pump No. Pumptype Cam No. Cam Thickness Scania No.
10-24159-1 F9B-9 01-45173 8.0 327047
10-24159-2 F9B-905 01-45172 6.3 327048
F9B-9 Impeller Pump
Art. No. 10-24159-2
Part no. Description GB Position Quantity
01-13023 BODY F9B-9 1 1
01-36140 SHAFT F9B-9 2 1
01-45172 CAM F9B-905 3 1
08-814B IMPELLER 4 1
01-42422-1 ENDCOVER F8B/F9B- 5 1
01-42424 GASKET F8B/F9B- 6 1
01-42423 WEARPLATE F8/F80/F9/F96B- 7 1
01-42426 PIN 8 1
01-42427-15 SLINGER F8/F9B- 9 1
0.01138.134 TAP BOLT M6X12 DIN933 A2 10 5
01-46794-09 SCREW M8X25 ALBRONZE 11 1
01-46790-02 WASHER D8.2XD14X1 CU 12 1
0.0370.525 EXT. CIRCLIP D25 DIN471 ST 13 1
0.0371.072 RETAIN. RING BORE D72 DIN472 SPRST 14 1
0.0370.030 RETAIN. RING SHAFT D30 DIN471 SPRST 15 2
0.2247.008 MECH.SEAL COMPL FA25.47.14 16 1
0.2234.006 LIP SEAL 30X62X7 DIN3760 17 1
0.3431.684 ANGULAR CONTACT BEARING 3306ATN9 18 1
Riad 25.2.81
Scale 1:1
Drawn No. 10-24159/F05
SCANDIATO VELVETEX
Ändr. nr. Ändring Datum Sign.
1003 F05 Ändring av lockstämpel 950627 KG PJ
4. 12.5 var 11.5 84-01-11
3. 77 var 78
2. Vy B tillk. 83-06-17
1. Upplåtth. 05-29-512 var 05-29-509 83-05-05
Ändr. nr. Revision Ändring Date Datum Sign.

10-24239 pump F9B-9



Pos	Part No	Description	Material	Dimension	Drawn No
23	1	MUTTER			05-05-513
22	1	BRICKA			05-01-521
21	5	SKRUV			05-04-148
20	1	SKRUV			05-04-108
19	4	SKRUV			05-04-128
18	4	BRICKA			05-02-101
17	1	KIL			01-46352
16	1	KULLAGER			05-08-509
15	2	PLUGG			05-08-122
14	1	MEKTÄTNING			05-26-118
13	1	LÄPPTÄTNING			05-29-517
12	1	KASTARRING			01-42477-15
11	1	LOCK			01-42422-1
10	1	LASRING			05-34-502
9	1	LASRING			05-34-108
8	1	PACKNING			01-42424
7	1	SLITBRICKA			01-42423
6	1	STIFT			01-42426
5	1	IMPELLER			08-8012B
4	1	KAM			01-46137
3	1	AXEL			01-35212
2	1	LAGERHUS			01-24246
1	1	PUMPHUS			01-13003

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F9B-9 Scania Impeller pump
Art. No. 10-24308-1

Part. No.	Description GB	Position	Quantity
01-13079	BODY F9B-9	1	1
01-35282	SHAFT F9B-9	2	1
01-45173	CAM 1/1 F9B-9	3	1
08-814B	IMPELLER	4	1
01-35284	ENDCOVER F9B-9/F95B-30000	5	1
01-45354	GASKET F8/F9B-9/F95B-3000	6	1
01-42423	WEARPLATE F8/F80/F9/F95B-	7	1
01-42426-2	PIN	8	1
01-42427-15	SLINGER F8/F9B-	9	1
0.0138.134	TAP BOLT M 6X12 DIN933 A2	10	5
01-46794-09	SCREW M8X25 AL.BRONZE	11	1
01-46790-02	WASHER D8.2XD14X1 CU	12	1
0.0370.525	EXT. CIRCLIP D25 DIN471 ST	13	1
0.0371.072	RETAIN. RING BORE D72 DIN472 SPRST	14	1
0.0370.030	RETAIN. RING SHAFT D30 DIN471 SPRST	15	2
0.2247.008	MECH.SEAL COMPL FA25.47.14	16	1
0.2234.006	LIP SEAL 30X62X7 DIN3760	17	1
0.3431.684	ANGULAR CONTACT BEARING 3306ATN9	18	1

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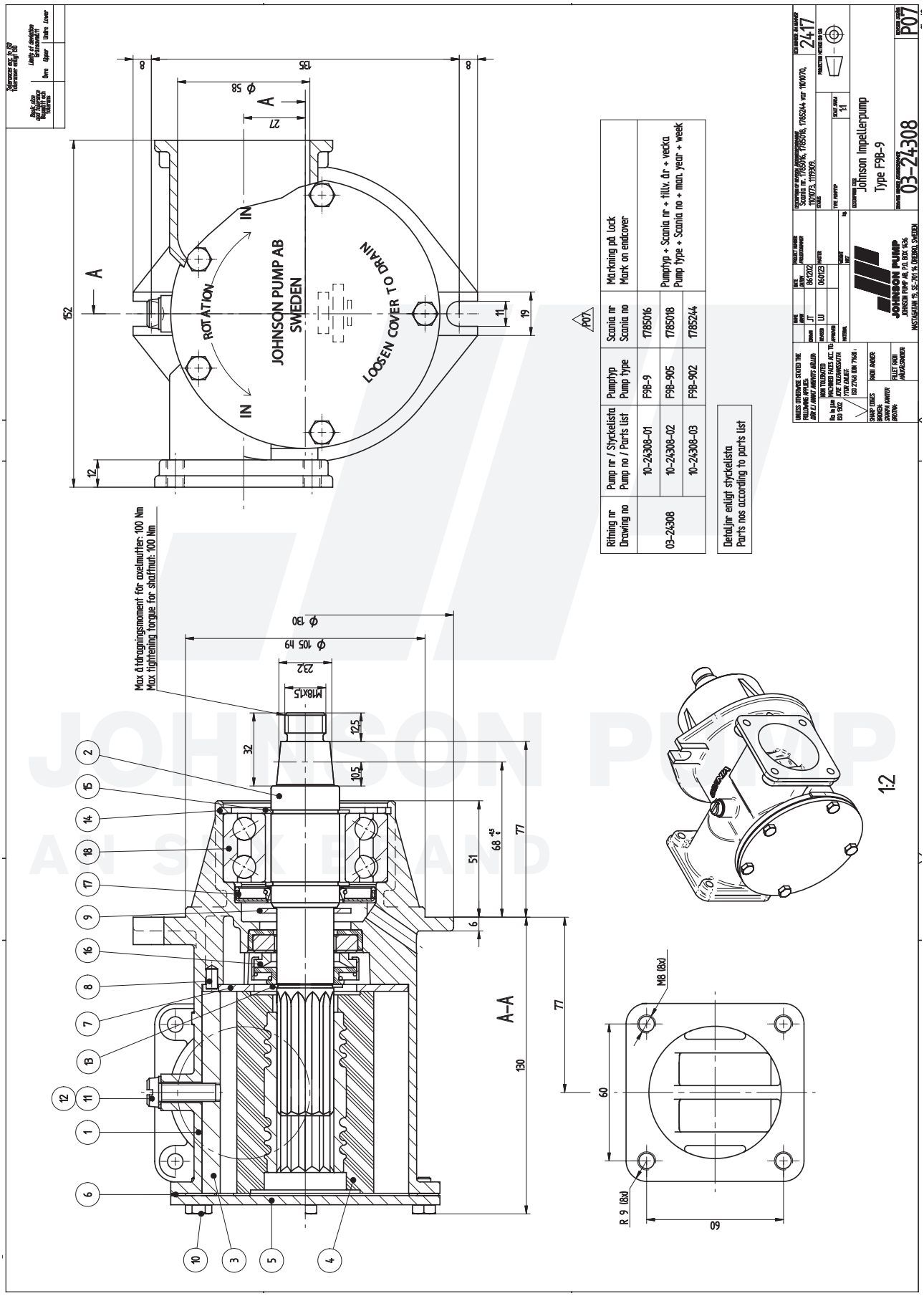

Ritning nr Drawing no	Pump nr / Stycklista Pump no / Parts list	Pumptyp Pump type	Scania nr Scania no	Markning på lock Mark on endcover
03-24308	10-24308-01	F9B-9	1785016	Pumptyp + Scania nr + tillv. år + vecka Pump type + Scania no + man. year + week
	10-24308-02	F9B-905	1785018	
	10-24308-03	F9B-902	1785244	

Detaljnr enligt stycklista
Parts nos according to parts list

F9B-9 Impeller pump
Art. No. 10-24430-01

Part. No.	Description GB	Position	Quantity
01-13003	BODY F9B	1	1
01-24433-1	BEARING HOUSING F9B-9	2	1
01-35698	SHAFT F9B-9	3	1
01-45018	CAM F9B-905	4	1
08-814B	IMPELLER	5	1
01-42426	PIN	6	1
01-42423	WEARPLATE F8/F80/F9/F95B-	7	1
01-42424	GASKET F8B/F9B-	8	1
0.0370.525	EXT. CIRCLIP D25 DIN471 ST	9	1
0.0371.072	RETAIN. RING BORE D72 DIN472 SPRST	10	1
01-42422-1	ENDCOVER F8B/F9B-	11	1
01-42427-15	SLINGER F8/F9B-	12	1
0.2233.016	LIP SEAL 36X62X7 DPSM	13	1
0.2247.051	MECH.SEAL COMPL 1” 106BT2C1	14	1
0.3431.684	ANGULAR CONTACT BEARING 3306ATN9	16	1
0.0353.309	SPRINGWASH D8.2 DIN127 STZN	17	4
0.0350.208	WASHER D 8.4 DIN125B A2	18	4
0.0144.002	BOLT 5/16”-18UNCX20 SS1943	19	4
01-46794-02	SCREW 1/4”-20UNCX10 AL.BRONZE	20	1
0.0144.003	BOLT 1/4”-20UNCX1/2” SS1943	21	5
0.0383.500	LOCK NUT M28x1.5	22	1
0.0383.026	WASHER	23	1

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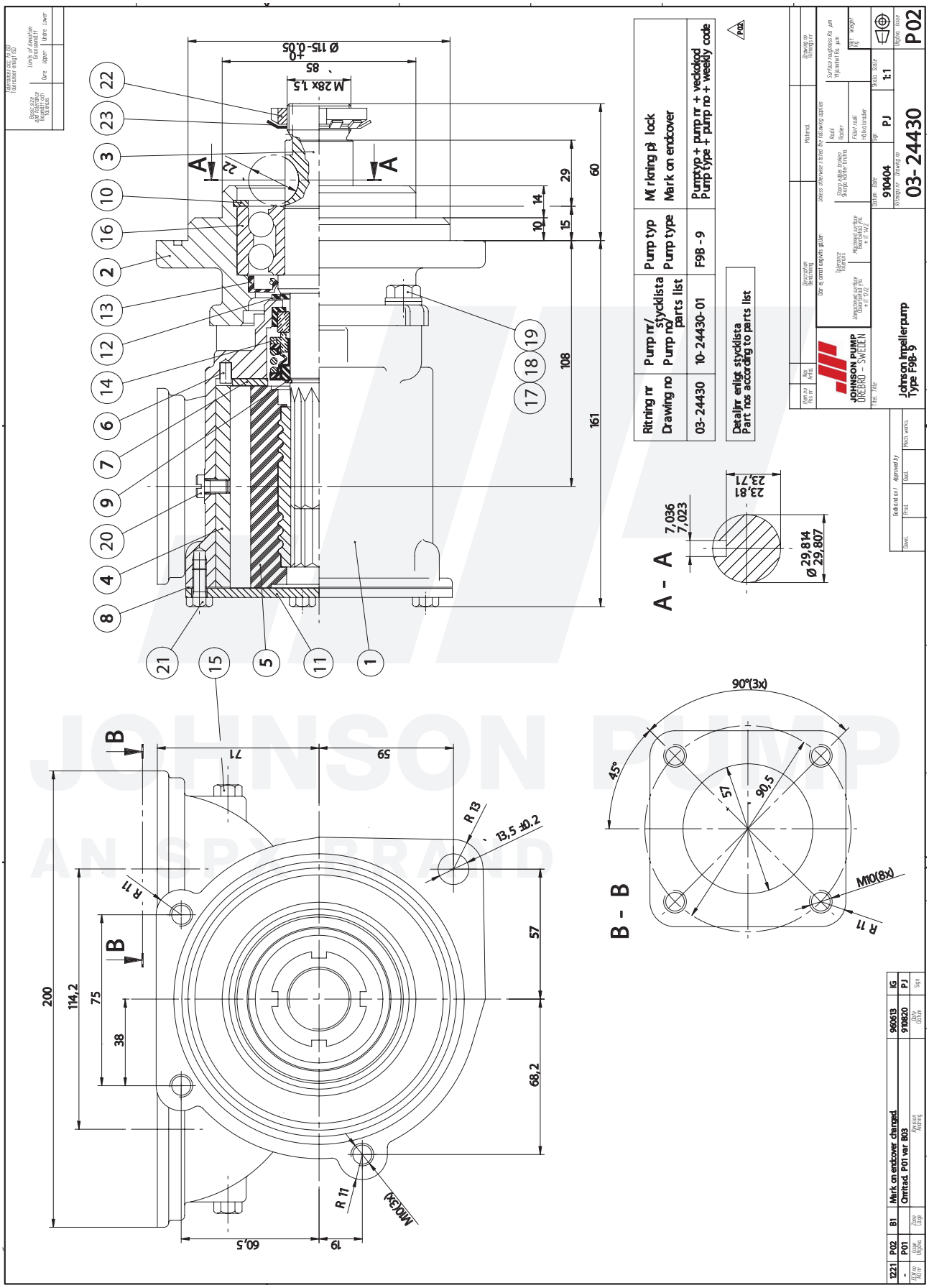
10-24430 pump F9B-9



JOHNSON PUMP
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F95B-9 Impeller pump
Art. No. 10-13165-01

Part No.	Description GB	Position	Quantity
01-13119-2	BODY F95B-9	1	1
01-24490-1	BEARING HOUSING F95B-9	2	1
01-35743	SHAFT F95B-9	3	1
01-35744	CAM 1/1 F95B-	4	1
01-35773-2	ENDCOVER F8/F9/F95 SS	5	1
01-42423	WEARPLATE F8/F80/F9/F95B-	6	1
01-42426	PIN	7	1
01-46524	SLINGER F95B-9	8	1
01-46323	WASHER F95B-	9	1
01-46352	KEY	10	1
01-46615	WASHER	11	1
0.0353.111	SPRING WASHER D10.2 DIN127B A2	12	4
0.0383.007	LOCKING WASHER D35 ST MB7	13	1
0.0300.544	DO NOT USE REPLACED WITH 0.0300.744	14	1
0.0138.134	TAPBOLT M6X12 DIN933 A2	15	5
01-46794-09	SCREW M8X25 AL.BRONZE	16	2
0.0141.922	TAP BOLT M10X25 DIN933 8.8ZN	17	4
0.0141.164	TAP BOLT M12X 20 M DIN933 8.8	18	1
0.0243.007	LOCK NUT M35X1.5 ST KM7	19	1
0.2172.142	O-RING 90.00X2.5 NBR70	20	1
0.3428.516	CON ROLLER BEARING 32007X ST	21	2
0.2247.018	MECH.SEAL CPL FA35.60.16	22	1
0.2234.502	LIP SEAL 40x72x7 DIN3760 BA	23	1
0.0370.535	EXT. CIRCLIP D35 DIN471 BRONZE	24	1
08-820B	IMPELLER F95B-	25	1

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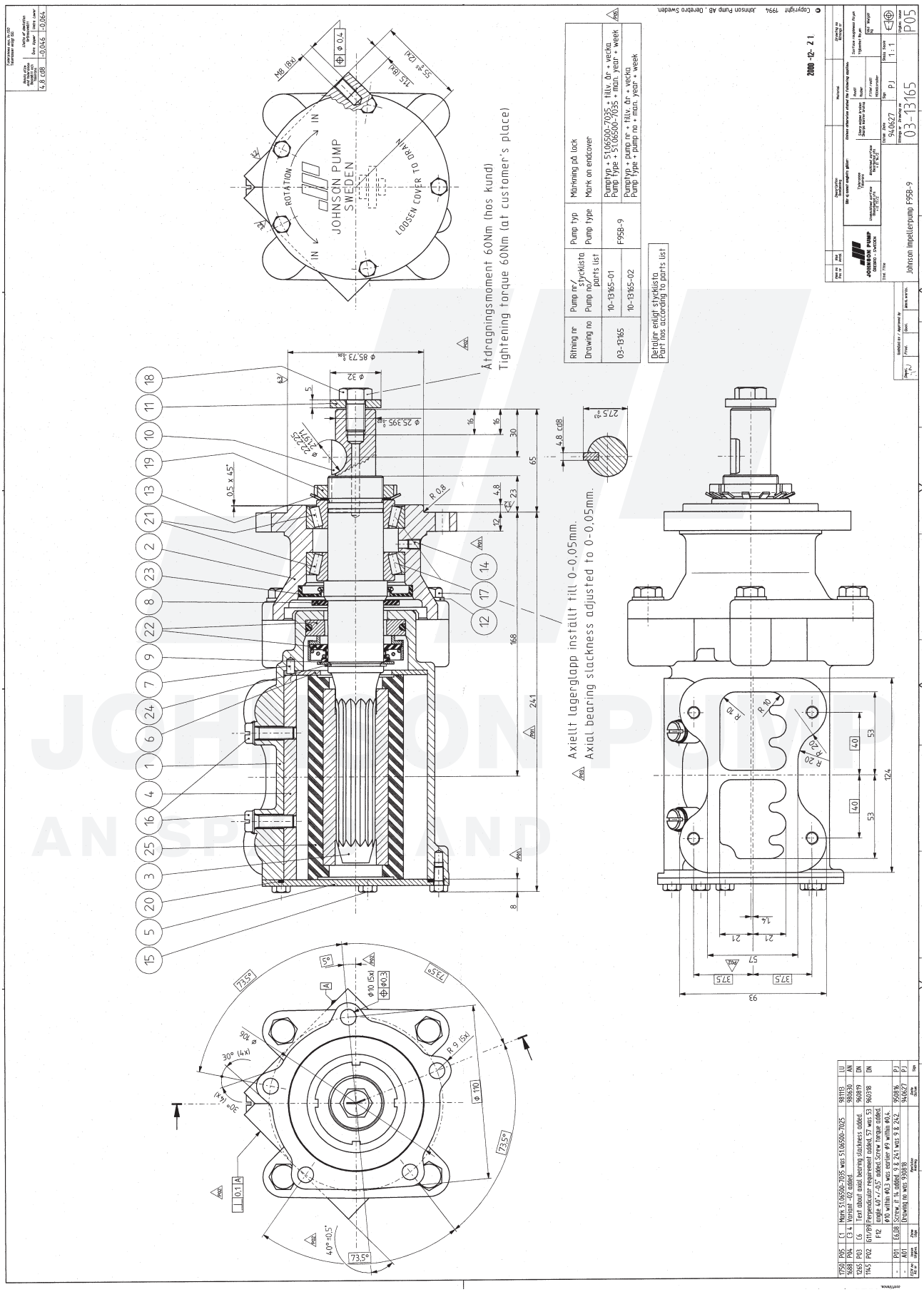

JOHNSON PUMP
ANSPANNUNG

F95B-9 Impeller pump
Art. No. 10-13248-01

Part no.	Description GB	Position	Quantity
01-13119-2	BODY F95B-9	1	1
01-13249-1	BEARING HOUSING F95B-9	2	1
01-35892	SHAFT F95B-9	3	1
01-35744	CAM 1/1 F95B-	4	1
01-35773-2	ENDCOVER F8/F9/F95 SS	5	1
01-46538	WEARPLATE F8/F9/F95 SS	6	1
01-42426	PIN	7	1
01-46524	SLINGER F95B-9	8	1
01-46323	WASHER F95B-	9	1
0.3428.515	CYL ROLLER BEARING NU207 ECP	10	1
0.3431.745	ANGLE CONTACT BEARING 3207A-2RS1	11	1
0.0353.111	SPRING WASHER D10.2 DIN127B A2	12	4
01-46790-02	WASHER D8.2XD14X1 CU	13	2
01-46774	SPACER F95B-9	14	1
0.0138.134	TAPBOLT M6X12 DIN933 A2	15	5
01-46794-09	SCREW M8X25 AL.BRONZE	16	2
0.0141.922	TAP BOLT M10X25 DIN933 8.8ZN	17	4
0.0371.072	RETAIN. RING BORE D72 DIN472 SPRST	18	1
0.0370.035	EXT. CIRCLIP D35 DIN471 ST	19	1
0.2172.142	O-RING 90.00X2.5 NBR70	20	1
01-46775	SPACER F95B-9	21	1
0.2247.018	MECH.SEAL CPL FA35.60.16	22	1
0.0503.010	WOODRUFKEY 3X3.7X10 DIN6888 ST	23	1
0.0370.535	EXT. CIRCLIP D35 DIN471 BRONZE	24	1
08-820B	IMPELLER F95B-	25	1
0.2234.502	LIP SEAL 40x72x7 DIN3760 BA	26	1

F95-903 Impeller pump
Art. No. 10-13248-02

Part No.	Description GB	Position	Quantity
01-13119-2	BODY F95B-9	1	1
01-13249-1	BEARING HOUSING F95B-9	2	1
01-35892	SHAFT F95B-9	3	1
01-35854	CAM 2/3 F95B-	4	1
01-35773-2	ENDCOVER F8/F9/F95 SS	5	1
01-46538	WEARPLATE F8/F9/F95 SS	6	1
01-42426	PIN	7	1
01-46524	SLINGER F95B-9	8	1
01-46323	WASHER F95B-	9	1
0.3428.515	CYL ROLLER BEARING NU207 ECP	10	1
0.3431.745	ANGLE CONTACT BEARING 3207A-2RS1	11	1
0.0353.111	SPRING WASHER D10.2 DIN127B A2	12	4
01-46790-02	WASHER D8.2XD14X1 CU	13	2
01-46774	SPACER F95B-9	14	1
0.0138.134	TAPBOLT M6X12 DIN933 A2	15	5
01-46794-09	SCREW M8X25 AL.BRONZE	16	2
0.0141.922	TAP BOLT M10X25 DIN933 8.8ZN	17	4
0.0371.072	RETAIN. RING BORE D72 DIN472 SPRST	18	1
0.0370.035	EXT. CIRCLIP D35 DIN471 ST	19	1
0.2172.142	O-RING 90.00X2.5 NBR70	20	1
01-46775	SPACER F95B-9	21	1
0.2247.018	MECH.SEAL CPL FA35.60.16	22	1
0.0503.010	WOODRUFKEY 3X3.7X10 DIN6888 ST	23	1
0.0370.535	EXT. CIRCLIP D35 DIN471 BRONZE	24	1
08-820B	IMPELLER F95B-	25	1
0.2234.502	LIP SEAL 40x72x7 DIN3760 BA	26	1

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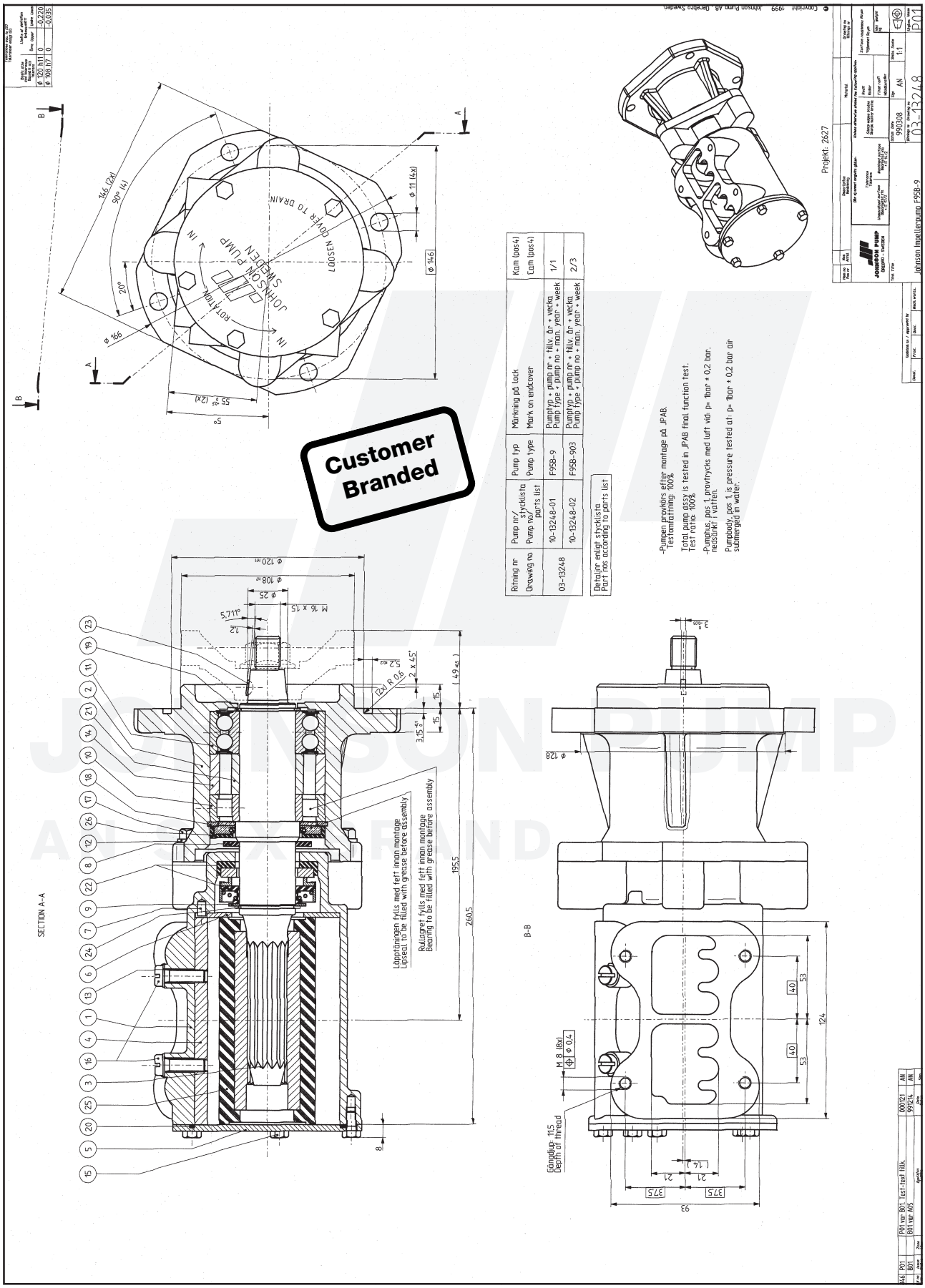
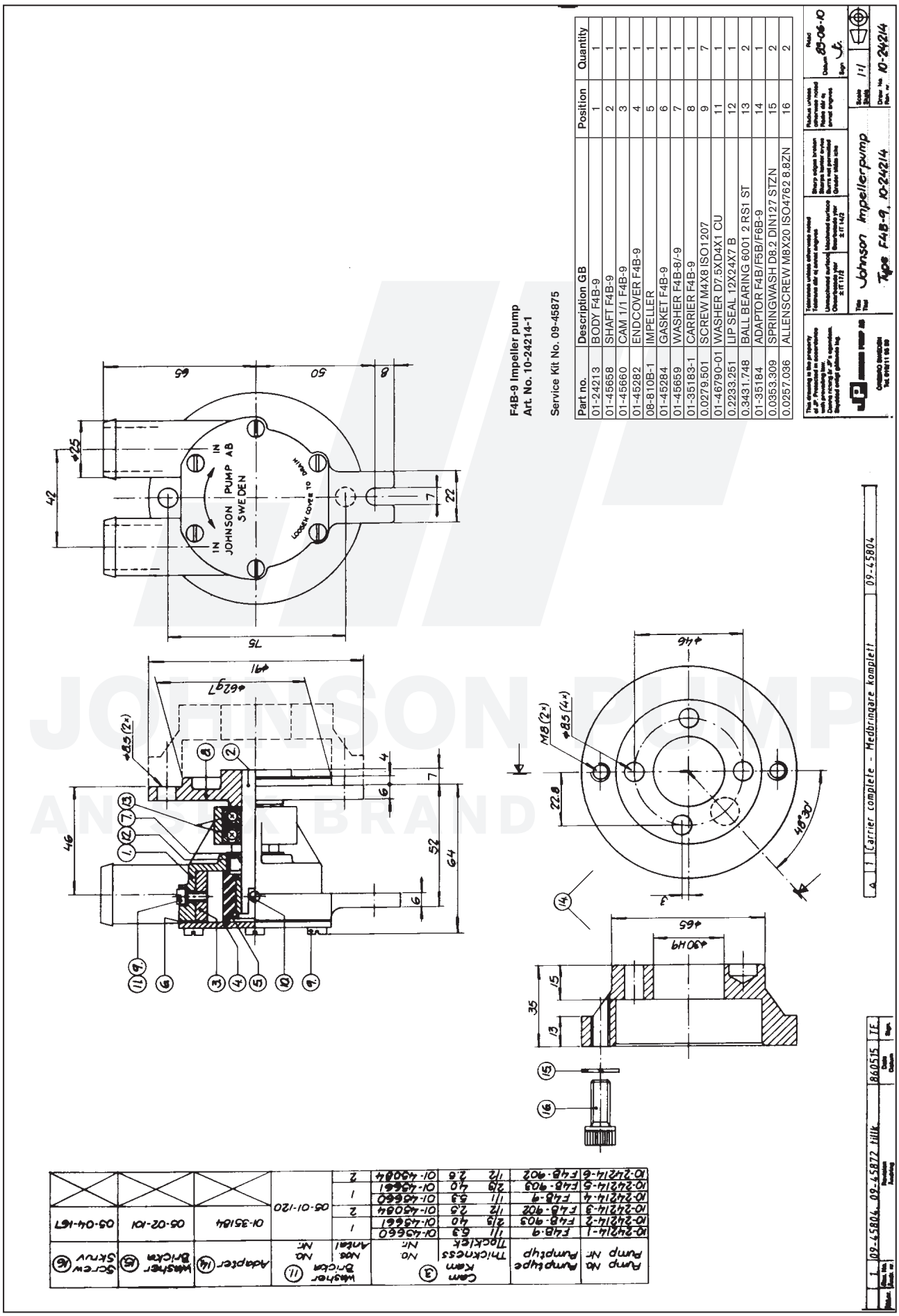
JOHNSON PUMP AN SPX BRAND



JOHNSON PUMP
ARE EXCLUSIVE BRAND

10-24214 pump F4B-9



Part no.	Description GB	Position	Quantity
01-24213	BODY F4B-9	1	1
01-45658	SHAFT F4B-9	2	1
01-45660	CAM 1/1 F4B-9	3	1
01-45282	ENDCOVER F4B-9	4	1
08-810B-1	IMPELLER	5	1
01-45284	GASKET F4B-9	6	1
01-45659	WASHER F4B-8/-9	7	1
01-35183-1	CARRIER F4B-9	8	1
0.0279.501	SCREW M4X8 ISO1207	9	7
01-46790-01	WASHER D7.5XD4X1 CU	11	1
0.2233.251	LIP SEAL 12X24X7 B	12	1
0.3431.748	BALL BEARING 6001 2 RS1 ST	13	2
01-35184	ADAPTOR F4B/F5B/F6B-9	14	1
0.0353.309	SPRINGWASH D8.2 DIN127 STZN	15	2
0.0257.036	ALLENSCREW M8X20 ISO4762 8.8ZN	16	2

Pump No Pump Nr.	Pump type Pump typ	Cam Ring Thickness Nr.	Washer Brickor No. Nos Antal	Adapter (14)	Washer Bricka (15)	Screw Skruv (16)
10-24214-1	F4B-9	01-45660 1/1 6.3	05-01-120	01-35184	05-02-101	05-04-167
10-24214-2	F4B-902	01-45661 2/3 4.0	1			
10-24214-3	F4B-902	01-46006A 1/2 2.5	2			
10-24214-4	F4B-9	01-45660 1/1 6.3	1			
10-24214-5	F4B-903	01-45661 2/3 4.0	1			
10-24214-6	F4B-902	01-46006A 1/2 2.5	2			

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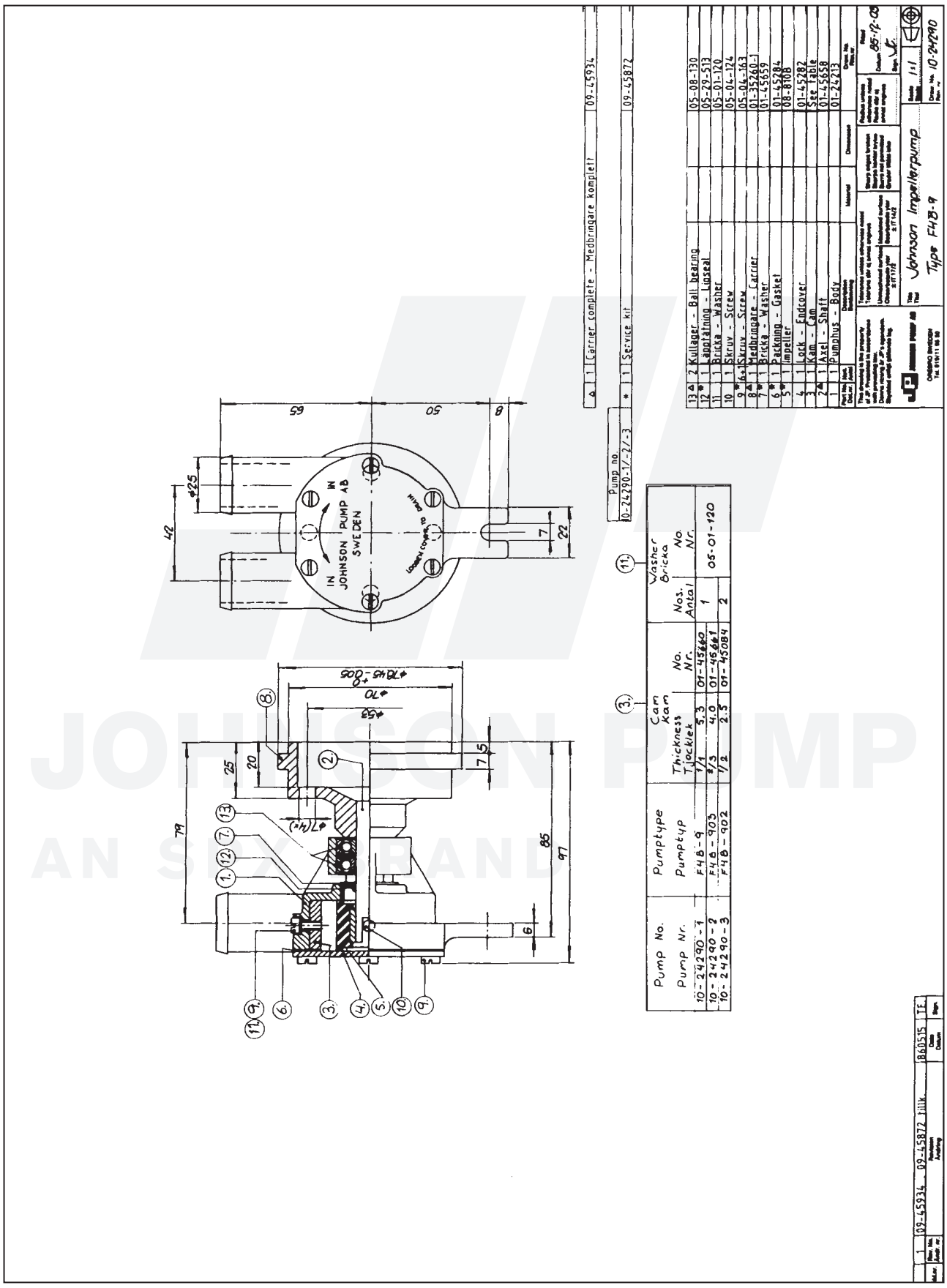
10-24290 pump F4B-9



F5B-9 Impeller pump
Art. No. 10-13223-01

Part. No.	Description GB	Position	Quantity
01-24553	PUMPBODY F5B-9 (VPoA)	1	1
01-35856	HOSE CONNECTION F5B-9 (VPoA)	2	2
08-1027B-01	IMPELLER VP825940	3	1
01-35859	BEARING HOUSING F5B-9 (VPoA)	4	1
01-13222-1	PULLEY F5B-9 (VPoA)	5	1
0.2233.001	LIP SEAL 16X28X7 DPSM	6	1
0.3431.753	BALL BEARING 6006 2RS1/VT90 ST	7	1
0.0141.501	SCREW M5X12 ISO4017 BRASS	8	4
0.2173.476	O-RING 59.6X2.4 SS1586 NBR70	9	1
0.2172.016	O-RING 26.7X1.78 BS1806 NBR70	10	2

F5B-9 Impeller pump
Art. No. 10-13223-02

Part No.	Description	Position	Quantity
01-24553	PUMPBODY F5B-9 (VPoA)	1	1
01-35856	HOSE CONNECTION F5B-9 (VPoA)	2	2
08-1027B-01	IMPELLER VP825940	3	1
01-35859	BEARING HOUSING F5B-9 (VPoA)	4	1
01-13222-2	PULLEY F5B-9 (VPoA)	5	1
0.2233.001	LIP SEAL 16X28X7 DPSM	6	1
0.3431.753	BALL BEARING 6006 2RS1/VT90 ST	7	1
0.0141.501	SCREW M5X12 ISO4017 BRASS	8	4
0.2173.476	O-RING 59.6X2.4 SS1586 NBR70	9	1
0.2172.016	O-RING 26.7X1.78 BS1806 NBR70	10	2

F5B-9 Impeller pump
Art. No. 10-13223-03

Part No.	Description GB	Position	Quantity
01-24553	PUMPBODY F5B-9 (VPoA)	1	1
01-35856	HOSE CONNECTION F5B-9 (VPoA)	2	2
08-1027B-01	IMPELLER VP825940	3	1
01-35859	BEARING HOUSING F5B-9 (VPoA)	4	1
01-13268-1	CARRIER F5B-9 (VPoA)	5	1
0.2233.001	LIP SEAL 16X28X7 DPSM	6	1
0.3431.753	BALL BEARING 6006 2RS1/VT90 ST	7	1
0.0141.501	SCREW M5X12 ISO4017 BRASS	8	4
0.2173.476	O-RING 59.6X2.4 SS1586 NBR70	9	1
0.2172.016	O-RING 26.7X1.78 BS1806 NBR70	10	2

F5B-9 Impeller pump
Art. No. 10-13223-04

Part no.	Description GB	Position	Quantity
01-24553-2	PUMPBODY F5B-9 (VPoA)	1	1
01-35856	HOSE CONNECTION F5B-9 (VPoA)	2	2
08-1027B-01	IMPELLER VP825940	3	1
01-35859	BEARING HOUSING F5B-9 (VPoA)	4	1
01-13222-5	PULLEY F5B-9	5	1
0.2233.001	LIP SEAL 16X28X7 DPSM	6	1
0.3431.753	BALL BEARING 6006 2RS1/VT90 ST	7	1
0.0141.501	SCREW M5X12 ISO4017 BRASS	8	4
0.2173.476	O-RING 59.6X2.4 SS1586 NBR70	9	1
0.2172.016	O-RING 26.7X1.78 BS1806 NBR70	10	2

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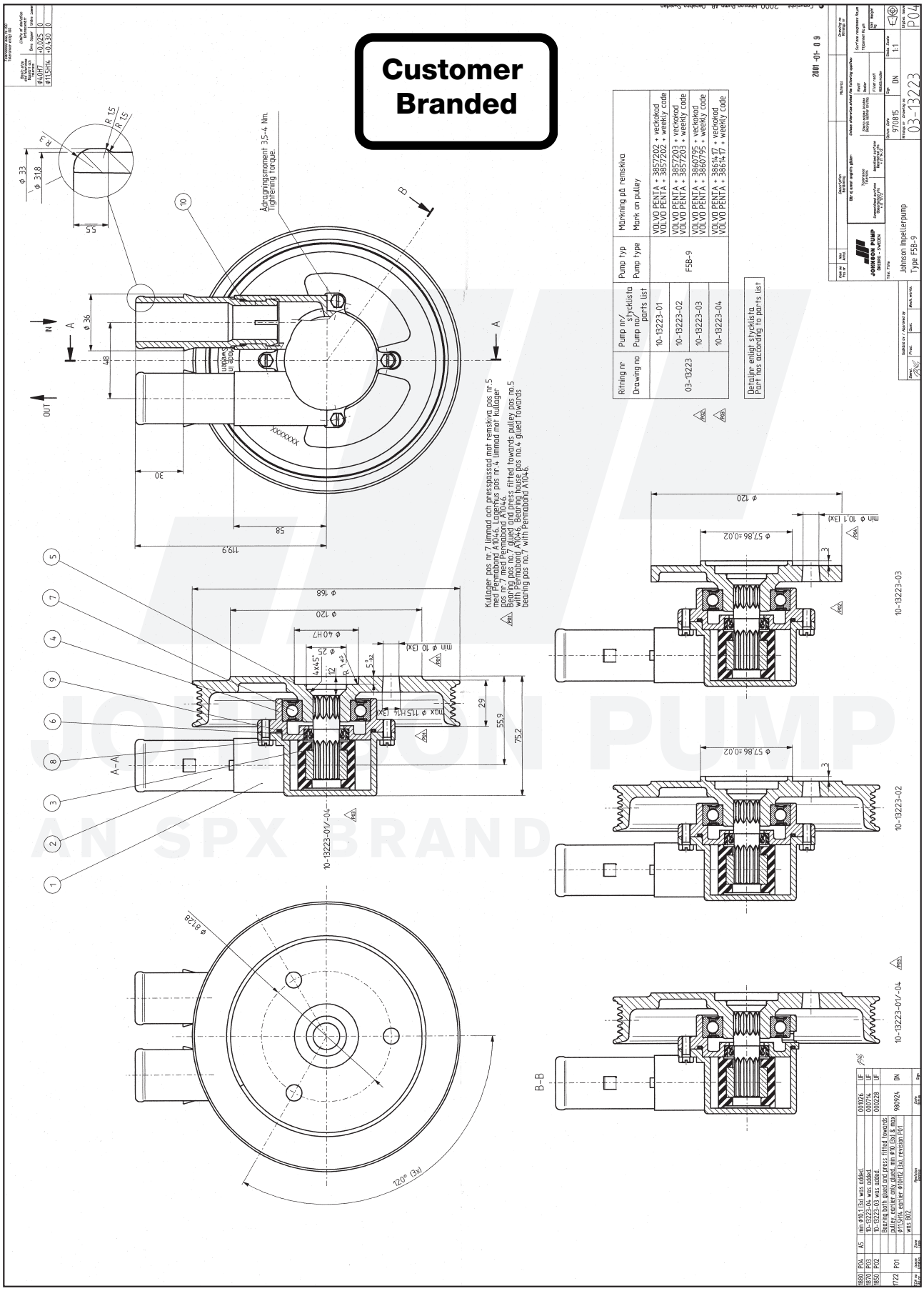
Customer Branded
Åtdragningsmoment 3,5-4 Nm.
Tightening torque.
Kulager pos nr.7 limmad och presspassad mot remskiva pos nr.5
med Permabond A1046. Lagerhus pos nr.4 limmad mot Kulager
pos nr.7 med Permabond A1046.
Bearing pos no.7 glued and press fitted towards pulley pos no.5
with Permabond A1046. Bearing house pos no.4 glued towards
bearing pos no.7 with Permabond A1046.
Detaljnr enligt styckelista
Part nos according to parts list
Ritning nr / Drawing no
03-13223
Pump nr/ styckelista / Pump no/ parts list
10-13223-01
10-13223-02
10-13223-03
10-13223-04
Pump typ / Pump type
F5B-9
Märkning på remskiva / Mark on pulley
VOLVO PENTA + 3857202 + verckod / VOLVO PENTA + 3857202 + weekly code
VOLVO PENTA + 3857203 + verckod / VOLVO PENTA + 3857203 + weekly code
VOLVO PENTA + 3860795 + verckod / VOLVO PENTA + 3860795 + weekly code
VOLVO PENTA + 3861417 + verckod / VOLVO PENTA + 3861417 + weekly code
JOHNSON PUMP
Johnson Impellerpump
Type F5B-9
03-13223
10-13223-01/-04
10-13223-03
10-13223-02
B-B
A-A
IN
OUT
XXXXXXX
Ø 57,86 +0,02
min Ø 10,1 (3x)
Ø 120
Ø 168
Ø 40 H7
M5
M6 Ø 115 H15 (3x)
Ø 61,28
120° (3x)
JOHNSON PUMP
AN SPX BRAND

F5B-9 Impeller pump
Art. No. 10-13236-01

Part no.	Description GB	Position	Quantity
01-24553	PUMPBODY F5B-9 (VPoA)	1	1
01-35856	HOSE CONNECTION F5B-9 (VPoA)	2	2
08-1027B-01	IMPELLER VP825940	3	1
01-35859	BEARING HOUSING F5B-9 (VPoA)	4	1
01-13235-1	PULLEY F5B-9 (VPoA)	5	1
0.2233.001	LIP SEAL 16X28X7 DPSM	6	1
0.3431.753	BALL BEARING 6006 2RS1/VT90 ST	7	1
0.0141.501	SCREW M5X12 ISO4017 BRASS	8	4
0.2173.476	O-RING 59.6X2.4 SS1586 NBR70	9	1
0.2172.016	O-RING 26.7X1.78 BS1806 NBR70	10	2

F5B-9 Impeller pump
Art. No. 10-13236-02

Part No.	Description GB	Position	Quantity
01-24553	PUMPBODY F5B-9 (VPoA)	1	1
01-35856	HOSE CONNECTION F5B-9 (VPoA)	2	2
08-1027B-01	IMPELLER VP825940	3	1
01-35859	BEARING HOUSING F5B-9 (VPoA)	4	1
01-13235-2	PULLEY F5B-9 (VPoA)	5	1
0.2233.001	LIP SEAL 16X28X7 DPSM	6	1
0.3431.753	BALL BEARING 6006 2RS1/VT90 ST	7	1
0.0141.501	SCREW M5X12 ISO4017 BRASS	8	4
0.2173.476	O-RING 59.6X2.4 SS1586 NBR70	9	1
0.2172.016	O-RING 26.7X1.78 BS1806 NBR70	10	2

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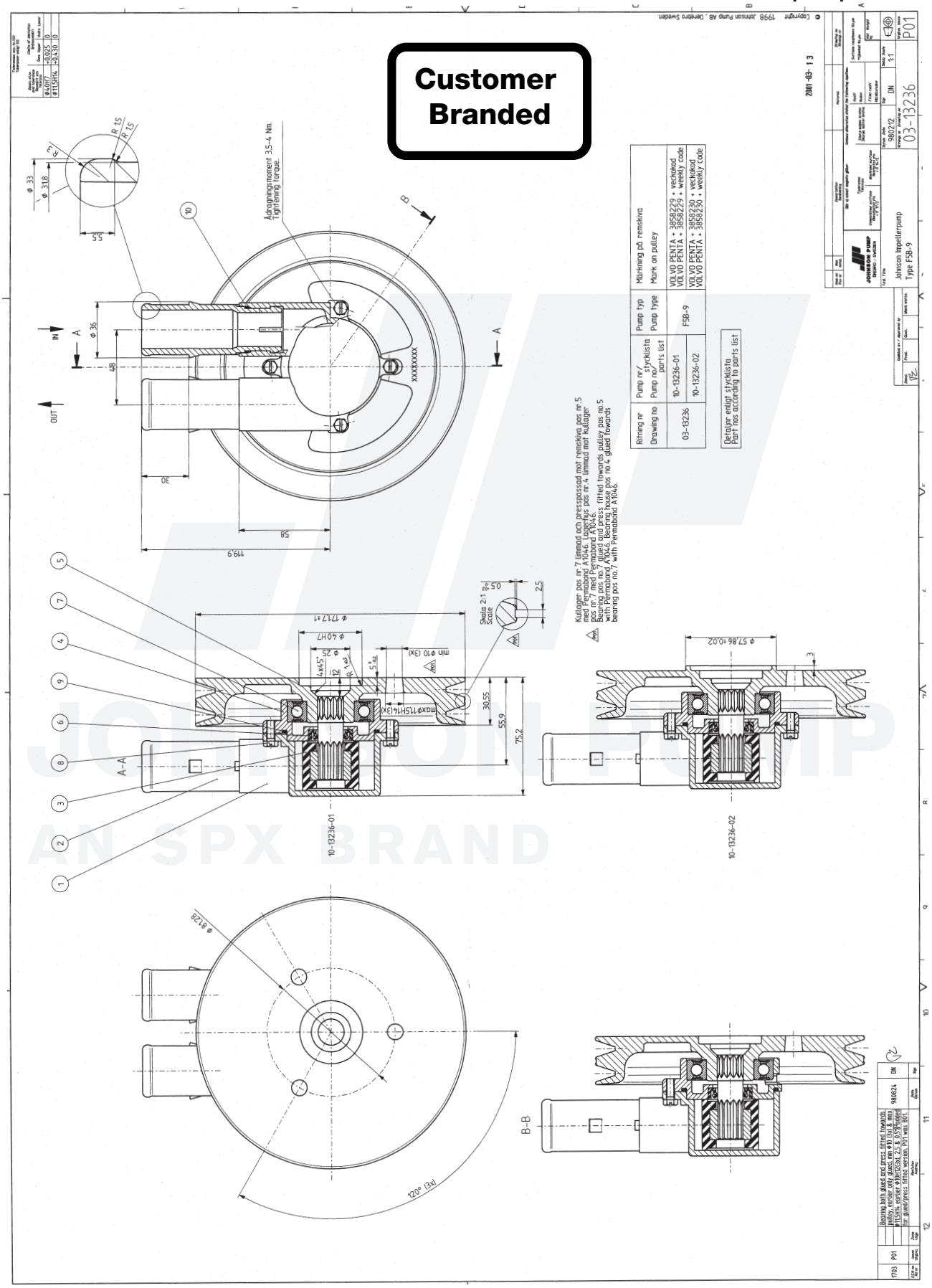
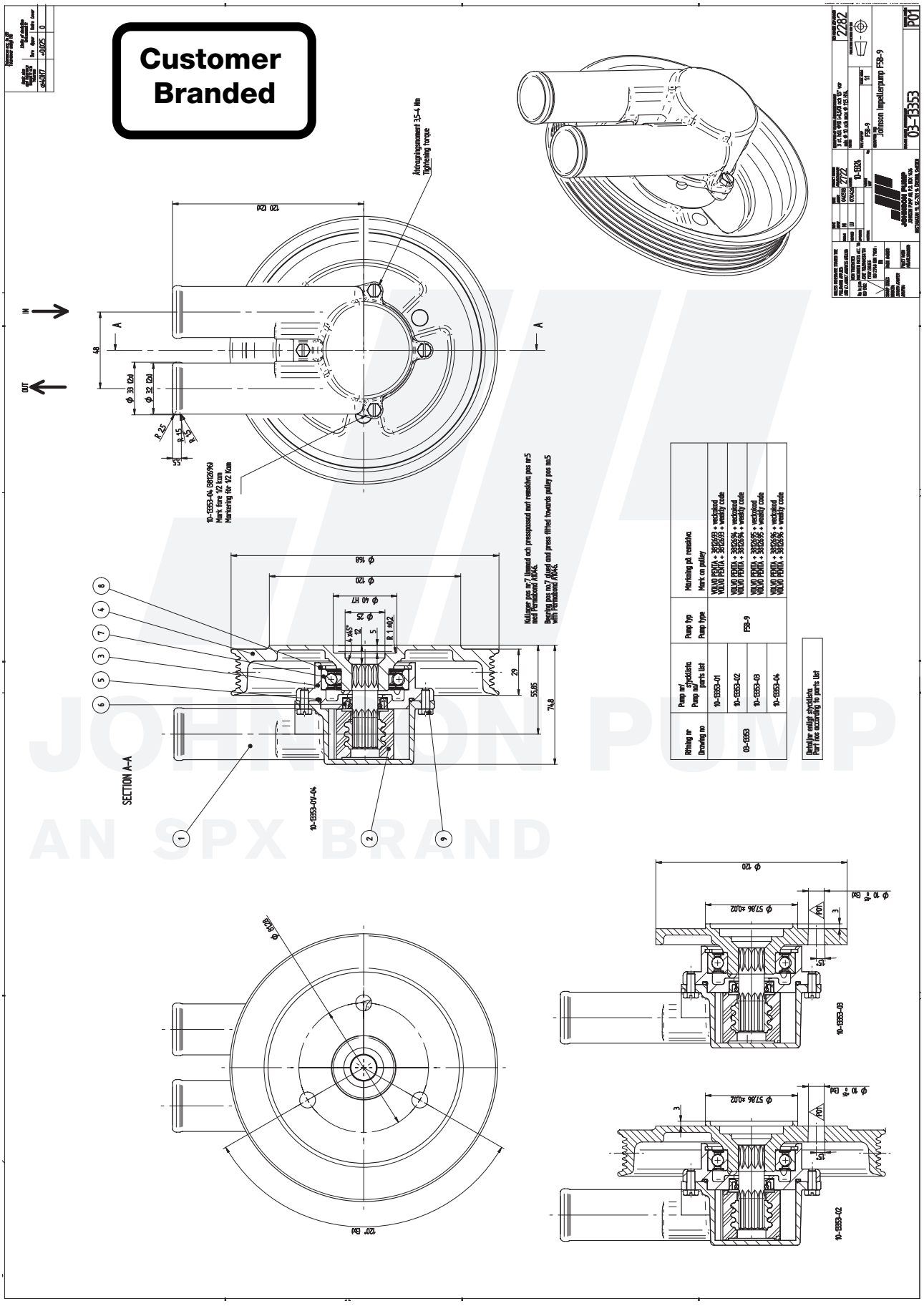
10-13236 pump F5B-9



F5B-9 Impeller pump
Art. No. 10-13353-01

Part no.	Description GB	Position	Quantity
01-24665-1	PUMPBODY F5B-9 (VPoA)	1	1
08-1027B-11	IMPELLER VP3862465	2	1
01-35985	BEARING HOUSING F5B-9 (VPoA)	3	1
01-13222-1	PULLEY F5B-9 (VPoA)	4	1
0.2173.476	O-RING 54.6X2.4 NBR70	5	1
0.2233.001	LIP SEAL 16X28X7 DPSM	6	1
0.3431.753	BALL BEARING 6006 2RS1/VT90 ST	7	1
0.0371.058	RETAIN. RING BORE D55 DIN 472 SPRST	8	1
0.0141.501	SCREW M5X12 ISO4017 BRASS	9	4

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB

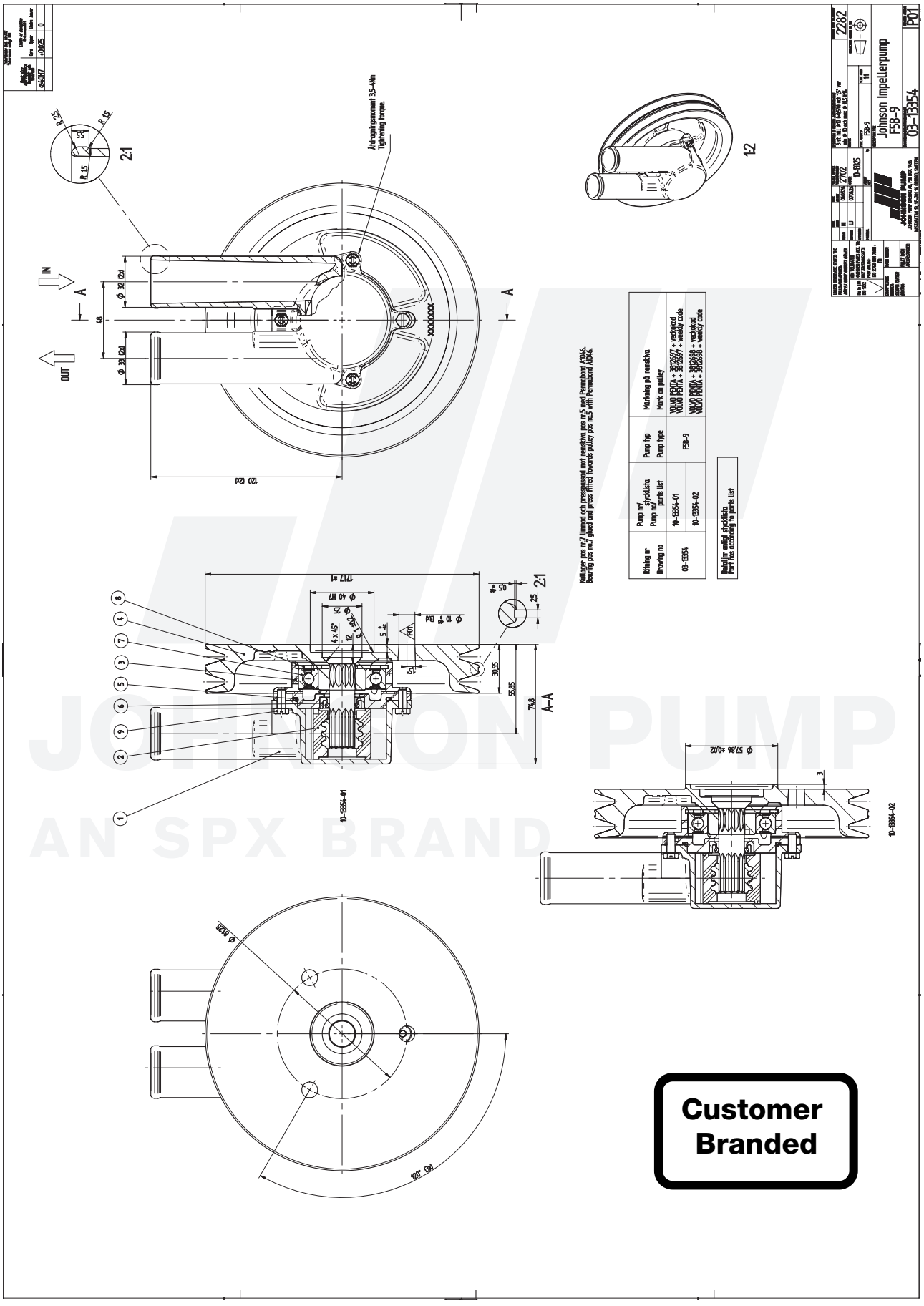


JOHNSON PUMP
AN SPX BRAND

F5B-9 Impeller pump
Art. No. 10-13354-01

Part no.	Description GB	Position	Quantity
01-24665-1	PUMPBODY F5B-9 (VPoA)	1	1
08-1027B-11	IMPELLER VP3862465	2	1
01-35985	BEARING HOUSING F5B-9 (VPoA)	3	1
01-13235-1	PULLEY F5B-9 (VPoA)	4	1
0.2173.476	O-RING 54.6X2.4 NBR70	5	1
0.2233.001	LIP SEAL 16X28X7 DPSM	6	1
0.3431.753	BALL BEARING 6006 2RS1/VT90 ST	7	1
0.0371.058	RETAIN. RING BORE D55 DIN 472 SPRST	8	1
0.0141.501	SCREW M5X12 ISO4017 BRASS	9	4

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB



Customer Branded

JOHNSON PUMP
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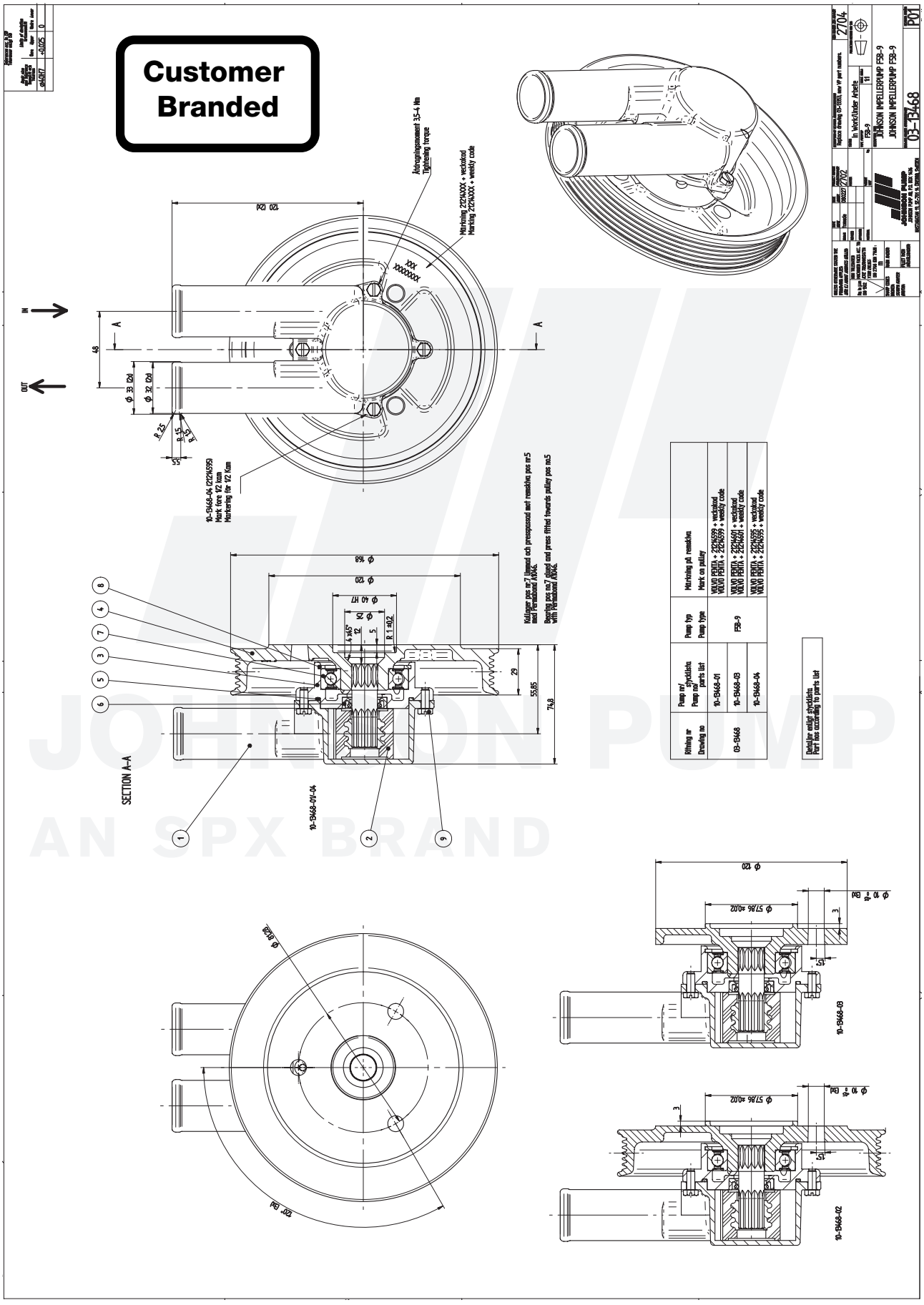
F5B-9 Impeller pump
Art. No. 10-13468-01

Part no.	Description GB	Position	Quantity
01-24665-1	PUMPBODY F5B-9 (VPoA)	1	1
08-1027B-110	IMPELLER VP21213650	2	1
01-35985	BEARING HOUSING F5B-9 (VPoA)	3	1
01-13222-1	PULLEY F5B-9 (VPoA)	4	1
0.2173.476	O-RING 54.6X2.4 NBR70	5	1
0.2233.001	LIP SEAL 16X28X7 DPSM	6	1
0.3431.753	BALL BEARING 6006 2RS1/VT90 ST	7	1
0.0371.058	RETAIN. RING BORE D55 DIN 472 SPRST	8	1
0.0141.501	SCREW M5X12 ISO4017 BRASS	9	4

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB



JOHNSON PUMP
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F5B-9 Impeller pump
Art. No. 10-13469-01

Part no.	Description GB	Position	Quantity
01-24665-1	PUMPBODY F5B-9 (VPoA)	1	1
08-1027B-110	IMPELLER VP21213650	2	1
01-35985	BEARING HOUSING F5B-9 (VPoA)	3	1
01-13235-1	PULLEY F5B-9 (VPoA)	4	1
0.2173.476	O-RING 54.6X2.4 NBR70	5	1
0.2233.001	LIP SEAL 16X28X7 DPSM	6	1
0.3431.753	BALL BEARING 6006 2RS1/VT90 ST	7	1
0.0371.058	RETAIN. RING BORE D55 DIN 472 SPRST	8	1
0.0141.501	SCREW M5X12 ISO4017 BRASS	9	4

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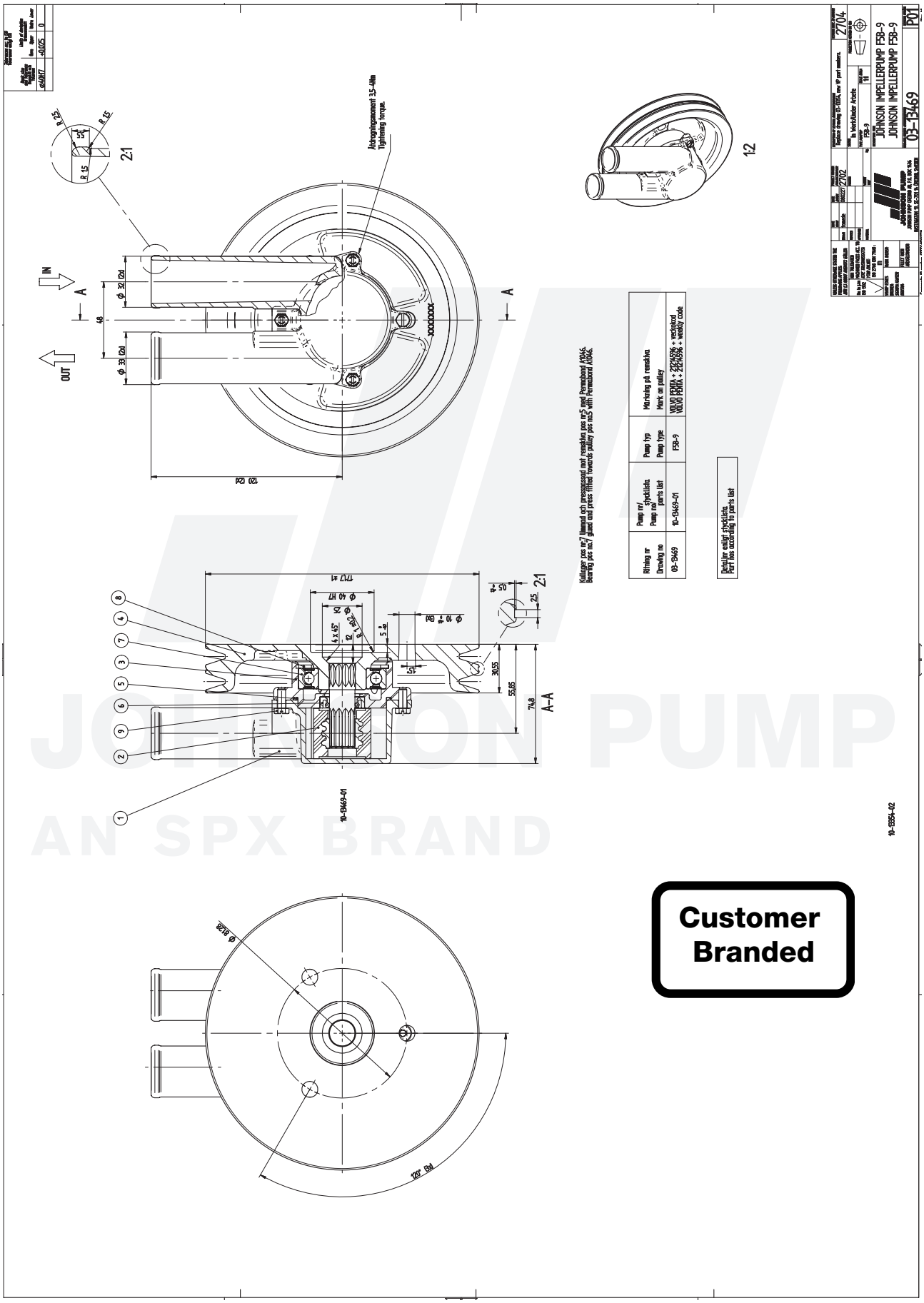

JOHNSON PUMP
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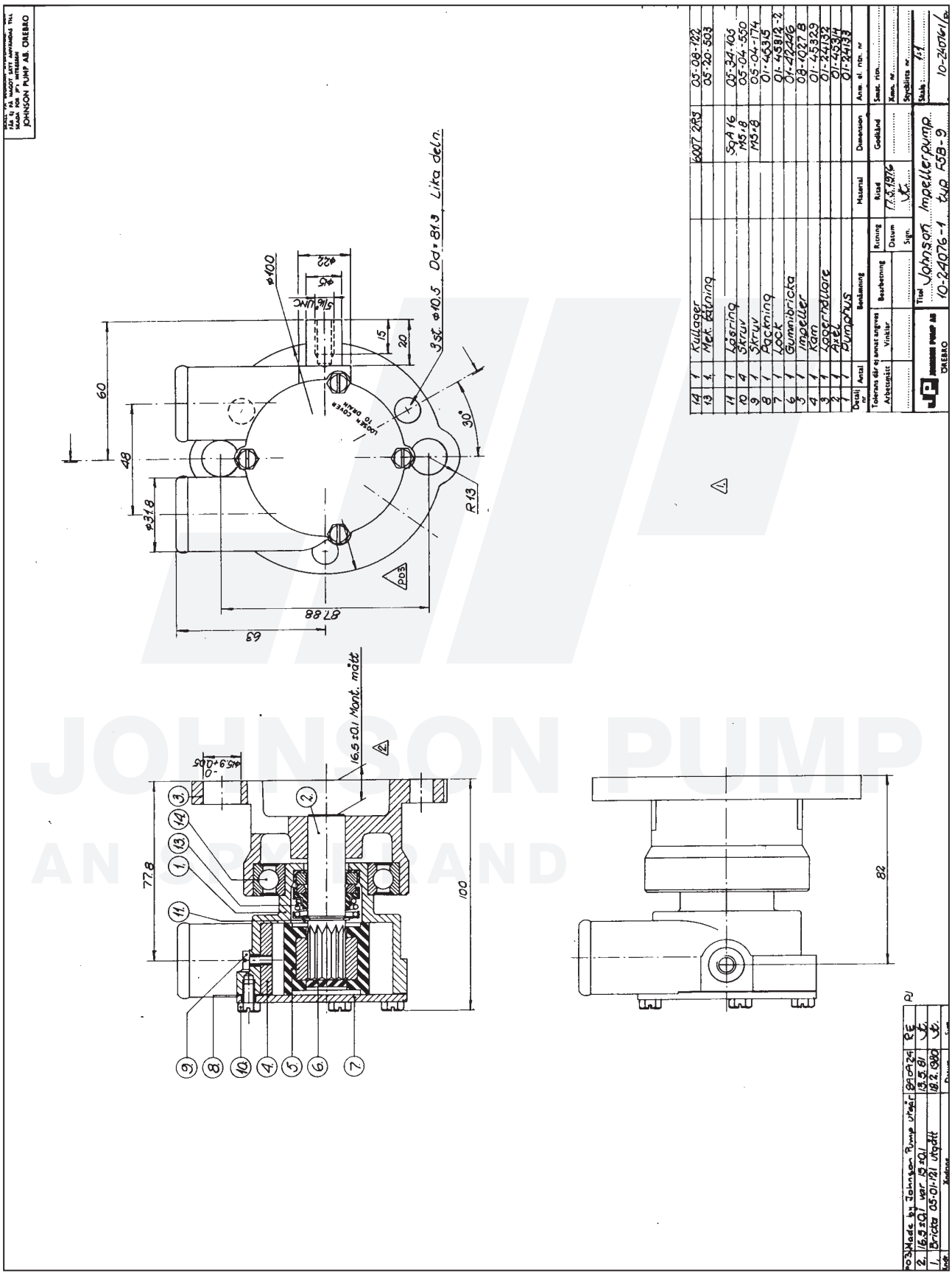
Customer Branded

10-24076 pump F5B-9



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JOHNSON PUMP
AN SPX BRAND

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F5B-9 Impeller pump
Art. No. 10-24225-1

Part no.	Description GB	Position	Quantity
01-24229	BODY F5B-9	1	1
01-45329	CAM 1/1 F5B-9	3	1
01-45312-1	ENDCOVER F5B/F6B-9	4	1
08-1027B	IMPELLER	5	1
01-45315	GASKET F5B/F6B-9	6	1
04-46407-01	CARRIER COMPLETE	7	1
0.2233.252	LIP SEAL 16X28X7 B	8	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	9	2
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	10	1
0.0141.502	SCREW M5X8 DIN933SLOTTED BRASS	11	4
0.0279.033	SCREW M5X8 ISO1207 BRASS	12	1
01-45680	WASHER F5B/F6B/F7B	13	1
01-45953	HOSE BUSHING F5/F6B-9	14	2

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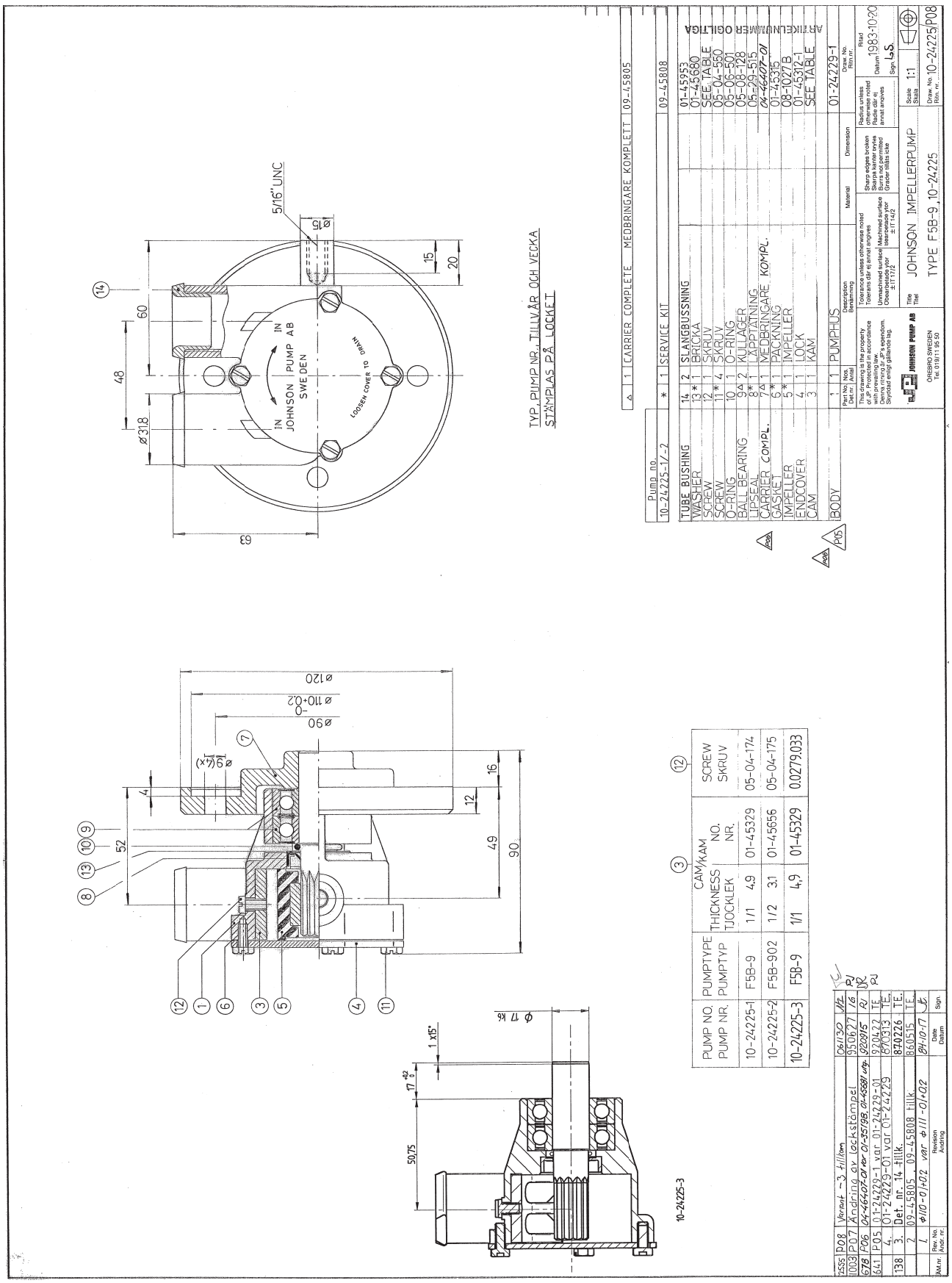
10-24225 pump F5B-9



Pump no.			CARRIER COMPLETE MEDBRINGARE KOMPLETT	09-45805
10-24225-1/-2	*	1	SERVICE KIT	09-45808

Part No. Det.nr.	Nos. Antal		Description Benämning	Material	Dimension	Draw No. Ritn.nr. Rihot
14	2		SLANGBUSSNING			01-45953
13	*	1	BRICKA			01-45680
12	*	1	SKRUV			SEE TABLE
11	*	4	SKRUV			05-04-560
10		1	O-RING			05-06-501
9	Δ	2	KULLAGER			05-08-128
8	*	1	LÄPPTÄTNING			05-29-515
7	Δ	1	MEDBRINGARE KOMPL.			04-46407-01
6	*	1	PACKNING			01-4315
5	*	1	IMPELLER			08-1027 B
4		1	LOCK			01-45312-1
3		1	KAM			SEE TABLE
1		1	PUMPHUS			01-24229-1

Tillverkningsnummer ANTECKNAS OBLIGATORISKT

PUMP NO. PUMPNR.	PUMPTYPE PUMPTYP	CAM/KAM THICKNESS TJOCKLEK	CAM/KAM NO. NR.	SCREW SKRUV
10-24225-1	F5B-9	1/1 4,9	01-45329	05-04-174
10-24225-2	F5B-902	1/2 3,1	01-45656	05-04-175
10-24225-3	F5B-9	1/1 4,9	01-45329	0.0279.033

JM.nr.	Rev. No. Revid. nr.	Revision Ändring	Date Datum	Sign.
2555	P08	Variant -3 tillkom	041130	MÅ
1003	P07	Ändring av lockstämpel	950627	16 PJ
678	P06	04-46407-01 ers 01-35798, 01-45687 utg.	920915	RJ JR
641	P05	01-24229-1 var 01-24229-01	920422	TE PJ
	4.	01-24229-01 var 01-24229	870313	TE.
138	3.	Det. nr. 14 tillk.	870226	TE.
	2	09-45805 09-45808 tillk	860515	TE.
	1	Ø110-0/+02 var Ø111-0/+02	84-10-17	JE

Title Titel	JOHNSON IMPELLERPUMP
	TYPE F5B-9, 10-24225

JOHNSON PUMP AB
ÖREBRO SWEDEN
Tel. 019/11 95 50

Scale Skala 1:1
Draw. No 10-24225/P08
Ritn. nr.

Radius unless otherwise noted Radie där ej annat anges 1983-10-20
Sharp edges broken Skarpa kanter brytes Burr must be removed Grader tillåts icke
Machined surface Isatarbetade ytor ±1/1 1/2
Tolerance unless otherwise noted Tolerans där ej annat anges
Unmachined surface Obearbetade ytor ±1/1 1/2

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F5B-9 Impeller pump
Art. No. 10-24228-1

Part no.	Description GB	Position	Quantity
01-24229	BODY F5B-9	1	1
01-45329	CAM 1/1 F5B-9	3	1
01-45312-1	ENDCOVER F5B/F6B-9	4	1
08-1027B	IMPELLER	5	1
01-45315	GASKET F5B/F6B-9	6	1
04-46408-01	CARRIER COMPLETE	7	1
0.2233.001	LIP SEAL 16X28X7 DPSM	8	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	9	2
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	10	1
0.0141.502	SCREW M5X8 DIN933SLOTTED BRASS	11	4
0.0279.033	SCREW M5X8 ISO1207 BRASS	12	1
01-45680	WASHER F5B/F6B/F7B	13	1
01-45953	HOSE BUSHING F5/F6B-9	15	2

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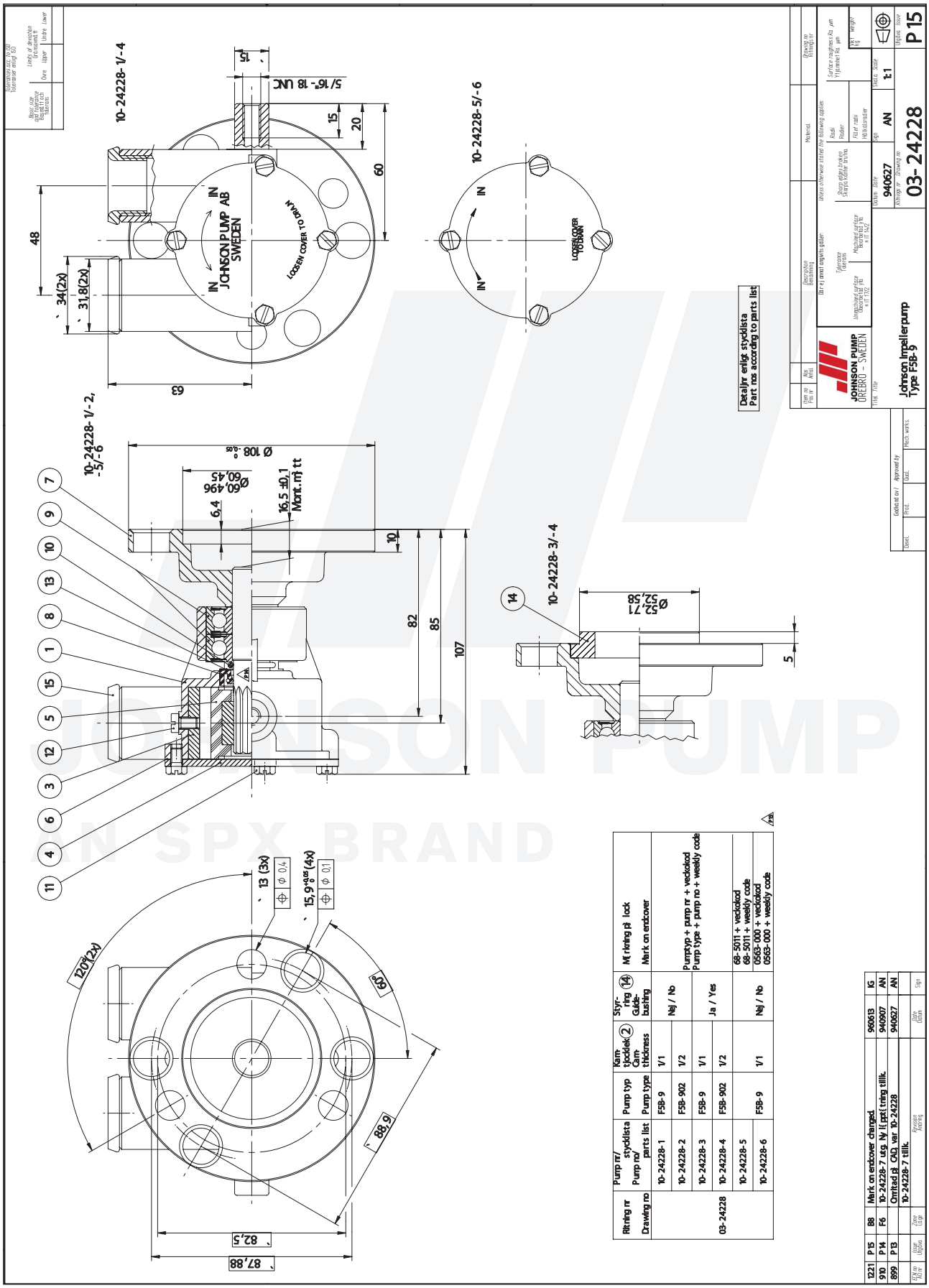


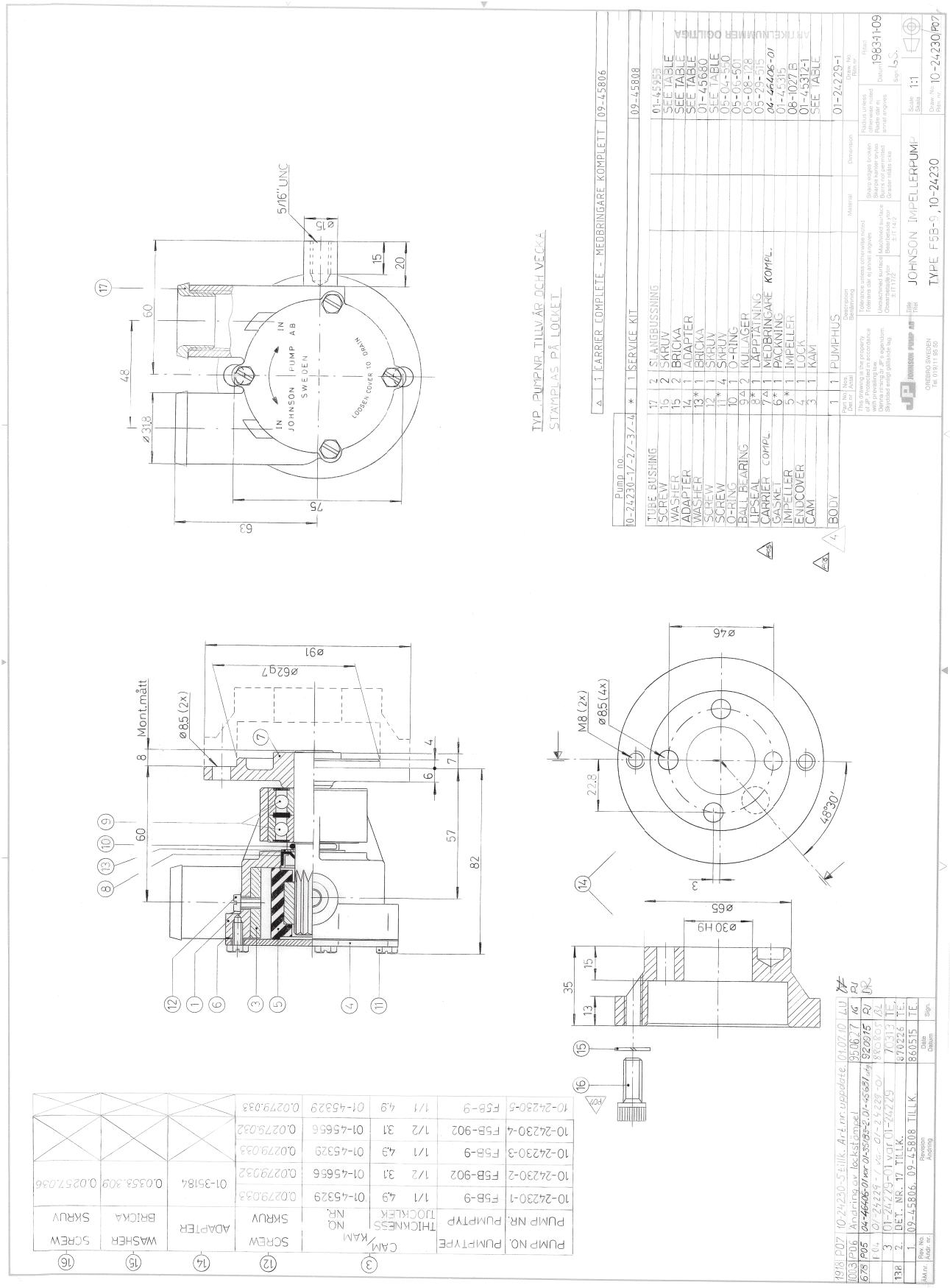
Ritning nr / Drawing no	Pump nr/ styckl. / Pump no/ parts list	Pump typ / Pump type	Kam tjocklek ② / Cam thickness	Styr-ring / Guide-bushing ⑭	Mrkring på lock / Mark on endcover
03-24228	10-24228-1	F5B-9	1/1	Nej / No	Pumptyp + pump nr + veckokod Pump type + pump no + weekly code
	10-24228-2	F5B-902	1/2		
	10-24228-3	F5B-9	1/1	Ja / Yes	
	10-24228-4	F5B-902	1/2		
	10-24228-5	F5B-9	1/1	Nej / No	68-5011 + veckokod 68-5011 + weekly code 0563-000 + veckokod 0563-000 + weekly code
	10-24228-6				

1221	P15	B8	Mark on endcover changed.	960613 KG
910	P14	F6	10-24228-7 utg. Ny lt ppt tning tillk.	940907 AN
899	P13		Omritad på CAD. ver. 10-24228	940627 AN
			10-24228-7 tillk.	

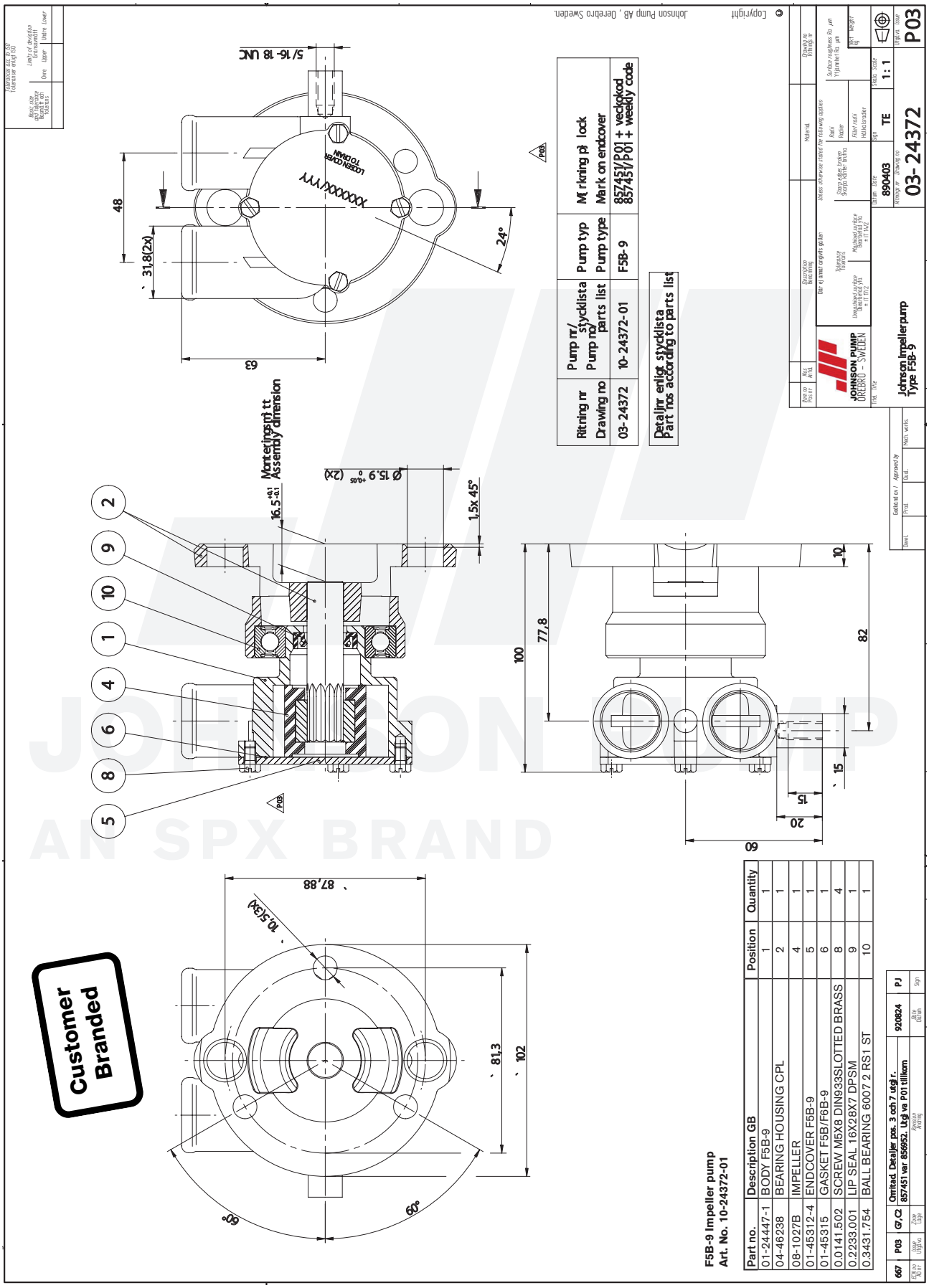
F5B-9 Impeller pump
Art. No. 10-24230-2

Part no.	Description GB	Position	Quantity
01-24229	BODY F5B-9	1	1
01-45656	CAM 1/2 F5B-9	3	1
01-45312-1	ENDCOVER F5B/F6B-9	4	1
08-1027B	IMPELLER	5	1
01-45315	GASKET F5B/F6B-9	6	1
04-46406-01	CARRIER COMPLETE	7	1
0.2233.252	LIP SEAL 16X28X7 B	8	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	9	2
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	10	1
0.0141.502	SCREW M5X8 DIN933SLOTTED BRASS	11	4
0.0279.032	SCREW M5X7 ISO1207 BRASS	12	1
01-45680	WASHER F5B/F6B/F7B	13	1
01-35184	ADAPTOR F4B/F5B/F6B-9	14	1
0.0353.309	SPRINGWASH D8.2 DIN127 STZN	15	2
0.0257.036	HEX SOC HEAD SCR M8X20 ISO4762 8.8	16	2
01-45953	HOSE BUSHING F5/F6B-9	17	2

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB



PUMP NO.	PUMPTYPE	CAM THICKNESS	CAM NO.	SCREW	ADAPTER	WASHER	SCREW
10-24230-5	F5B-9	1/1 4,9	01-45329	0.0279.033	01-35184	0.0353.309	0.0257.036
10-24230-4	F5B-902	1/2 3,1	01-45656	0.0279.032			
10-24230-3	F5B-9	1/1 4,9	01-45329	0.0279.033			
10-24230-2	F5B-902	1/2 3,1	01-45656	0.0279.032			
10-24230-1	F5B-9	1/1 4,9	01-45329	0.0279.033			



The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB

JOHNSON PUMP

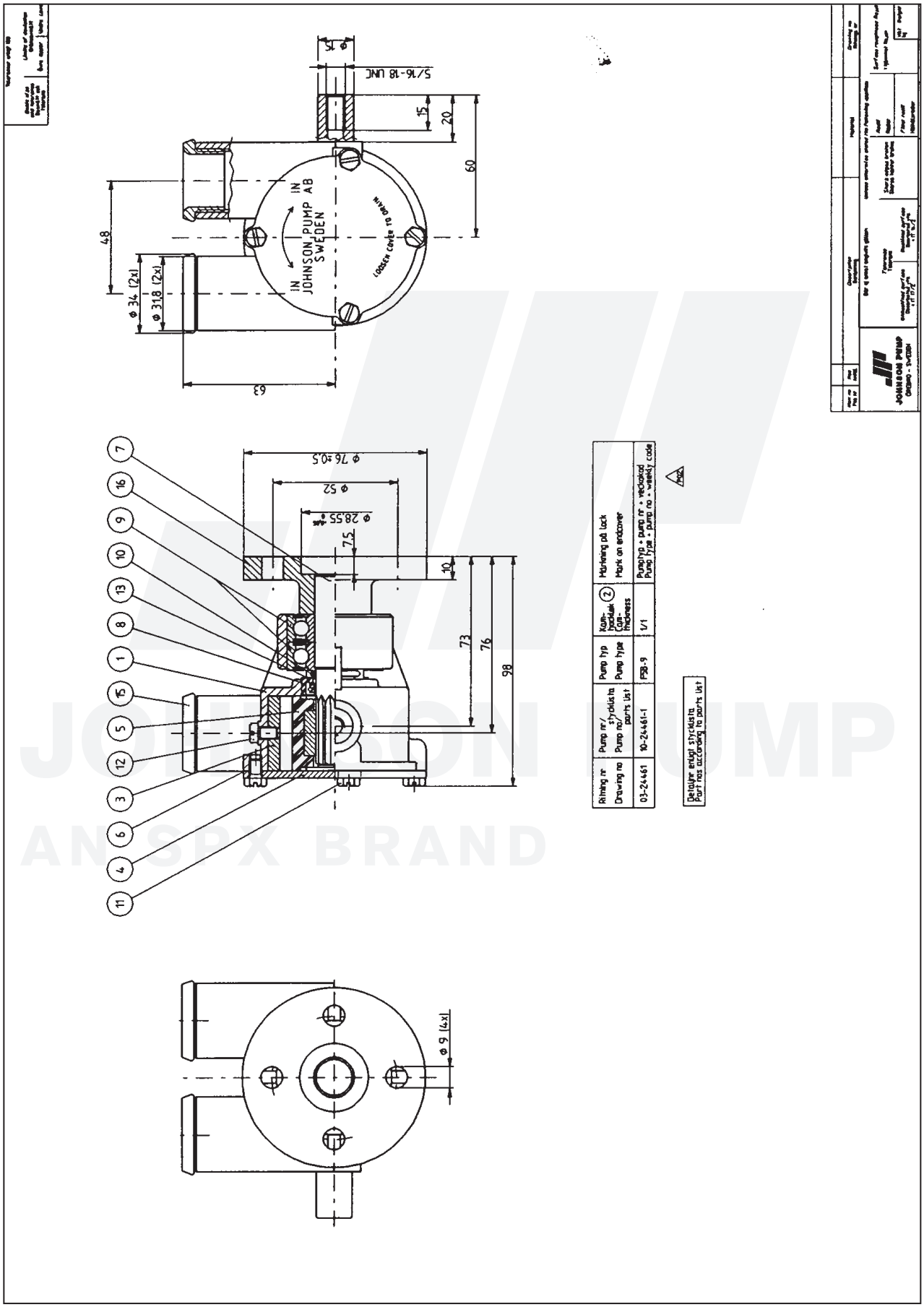
AN SPX BRAND

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB

F5B-9 Impeller pump
Art. No. 10-24461-01

Part no.	Description GB	Position	Quantity
01-24229	BODY F5B-9	1	1
01-45329	CAM 1/1 F5B-9	3	1
01-45312-1	ENDCOVER F5B/F6B-9	4	1
08-1027B	IMPELLER	5	1
01-45315	GASKET F5B/F6B-9	6	1
01-45681	SHAFT F5B/F6B-9	7	1
0.2233.252	LIP SEAL 16X28X7 B	8	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	9	2
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	10	1
0.0141.502	SCREW M5X8 DIN933SLOTTED BRASS	11	4
0.0279.033	SCREW M5X8 ISO1207 BRASS	12	1
01-45680	WASHER F5B/F6B/F7B	13	1
01-45953	HOSE BUSHING F5/F6B-9	15	2
19-31-15401	CARRIER (ALASKA D)	16	1

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB

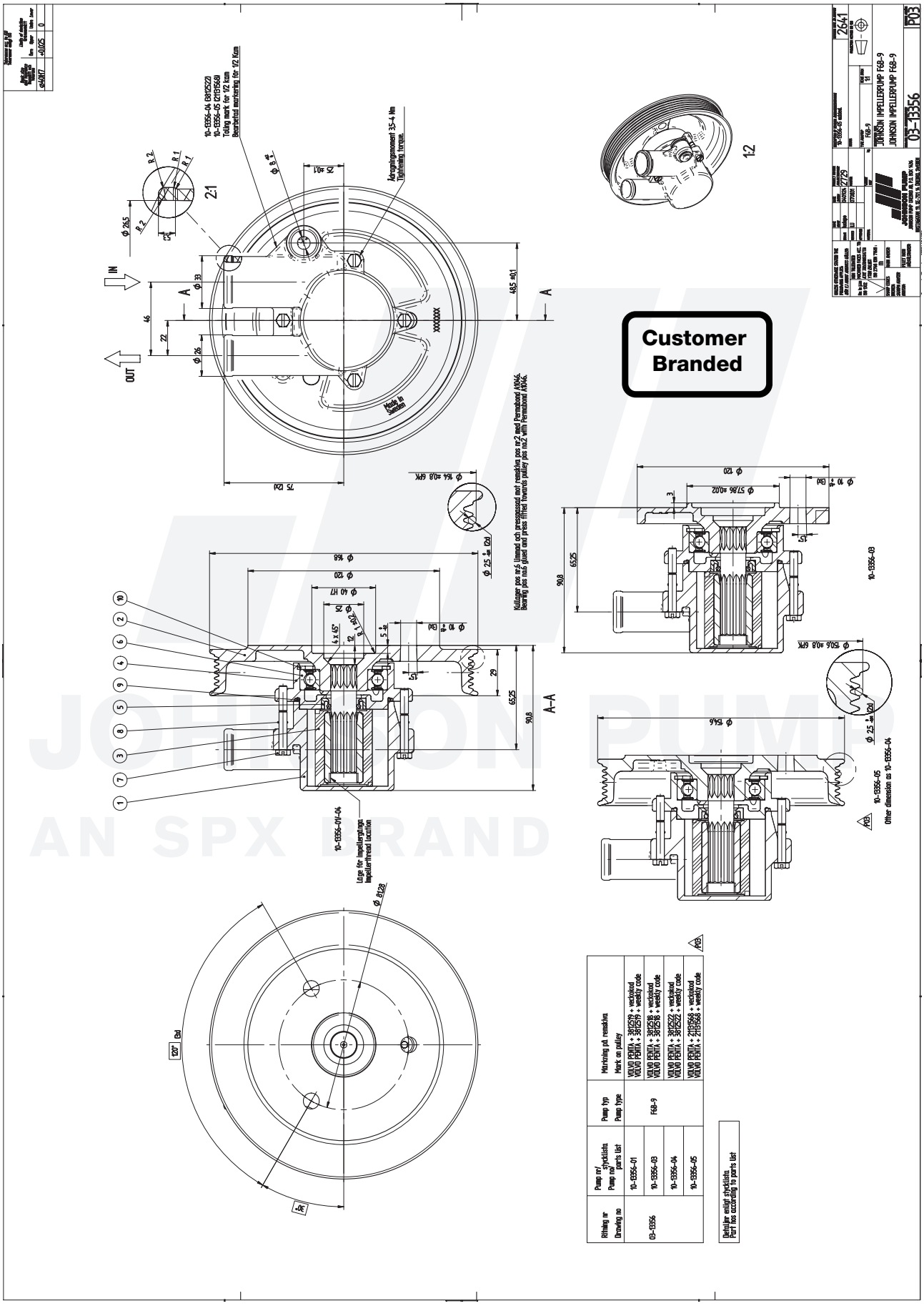


JOHNSON PUMP
AN SPX BRAND

F6B-9 Impeller pump
Art. No. 10-13356-01

Part no.	Description GB	Position	Quantity
01-13351-1	PUMPBODY F6B-9 (VPoA)	1	1
01-13368-1	PULLEY F6B-9 (VPoA)	2	1
08-812BT-11	IMPELLER VP3584350	3	1
01-35985	BEARING HOUSING F5B-9 (VPoA)	4	1
0.2233.001	LIP SEAL 16X28X7 DPSM	5	1
0.3431.753	BALL BEARING 6006 2RS1/VT90 ST	6	1
0.0141.504	SCREW M5X40 DIN931 SLOTTED	7	4
0.2173.474	O-RING 4.1X1.6 SS1586 NBR70	8	4
0.2173.476	O-RING 54.6X2.4 NBR70	9	1
0.0371.058	RETAIN. RING BORE D55 DIN 472 SPRST	10	1
01-47129	SUPPORT BUSH 20X8 26 RUBBER	11	1

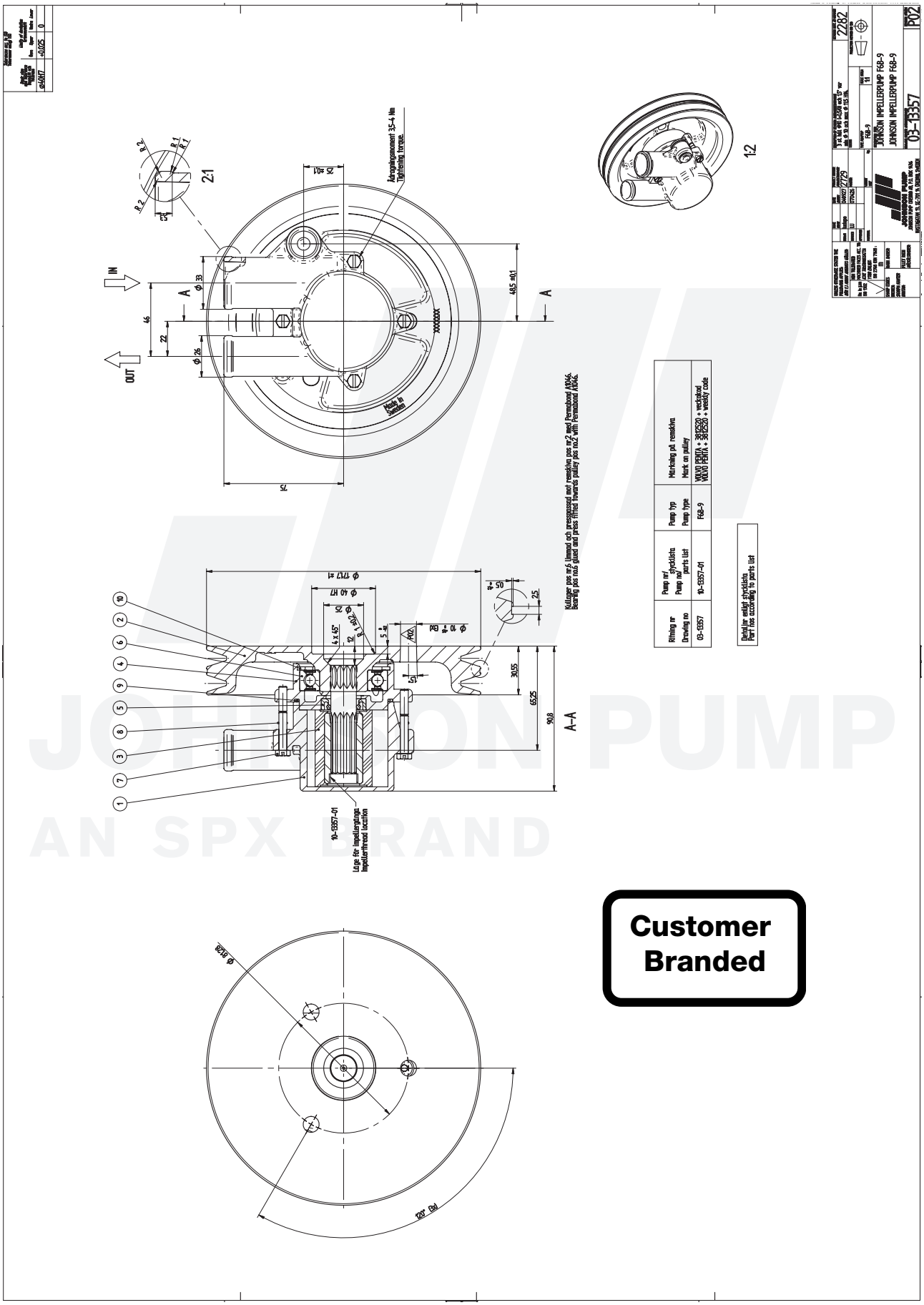
The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB


Customer Branded
JOHNSON PUMP
AN SPX BRAND

F6B-9 Impeller pump
Art. No. 10-13357-01

Part no.	Description GB	Position	Quantity
01-13351-1	PUMPBODY F6B-9 (VPoA)	1	1
01-13369-1	PULLEY F6B-9 (VPoA)	2	1
08-812BT-11	IMPELLER VP3584350	3	1
01-35985	BEARING HOUSING F5B-9 (VPoA)	4	1
0.2233.001	LIP SEAL 16X28X7 DPSM	5	1
0.3431.753	BALL BEARING 6006 2RS1/VT90 ST	6	1
0.0141.504	SCREW M5X40 DIN931 SLOTTED	7	4
0.2173.474	O-RING 4.1X1.6 SS1586 NBR70	8	4
0.2173.476	O-RING 54.6X2.4 NBR70	9	1
0.0371.058	RETAIN. RING BORE D55 DIN 472 SPRST	10	1
01-47129	SUPPORT BUSH 20X8 26 RUBBER	11	1

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB

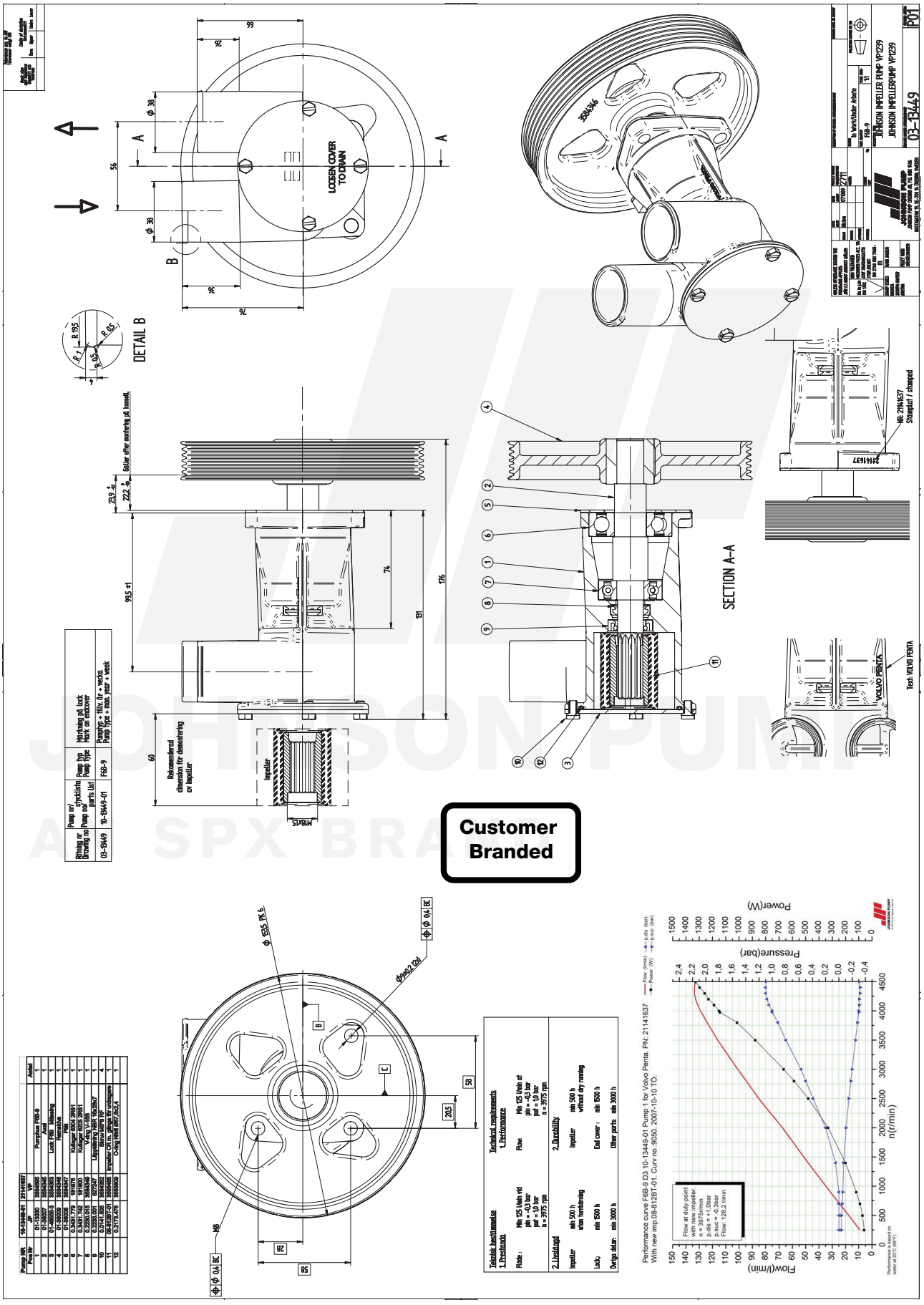


JOHNSON PUMP
AN SPX BRAND

F6B-9 Impeller pump
Art. No. 10-13449-01

Part no.	Description GB	Position	Quantity
01-13330-1	BODY F6B-9	1	1
01-36007	SHAFT F6B-9	2	1
01-46556-3	END COVER F6B-9	3	1
01-36009	PULLEY	4	1
01-36008	PLATE	5	1
0.3431.779	BALL BEARING 6304-2RSH	6	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	7	1
0.2230.015	V-RING 15.5-17.5 NBR/65SH	8	1
0.2233.001	LIP SEAL 16X28X7 DPSM	9	1
0.0141.505	SCREW M5X8 ISO4017 (A2) SLOTTED	10	4
08-812BT-01	IMPELLER VP3595485	11	1
0.2173.475	O-RING 57.6X2.4 SS1586 NBR70	12	1
0.0633.715	PLUG TYPE 410060 D36.4MM DBI	0	2

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB



Pump nr/ Drawing no	Pump nr/ styckliste Pump no/ parts list	Pump typ Pump type	Märkning på, lock Mark on enclosure
03-13449	10-13449-01	F6B-9	Pumptyp + tillv. år + vecka Pump type + mak. year + week

Pump NR	03-13449-01	21141637		
Pos Nr	VP			Antal
1	01-18500	3584566	Pumphus F6B-9	1
2	01-18502	3584565	Axel	1
3	01-18505-3	3584563	Lock F6B Låsring	1
4	01-18503	3584564	Pumphjul F6B	1
5	01-18600	3584548	Permatex	1
6	01-18504	3584547	Packning	1
7	0.3401.705	191800	Kullager 6205 2RS1	1
8	0.3401.742	191800	Kullager 6205 2RS1	1
9	0.2268.016	3584548	V-ring V-16B	1
10	0.2268.008	3584562	Läppring axel 25x37x7 Simrit	1
11	03-13449-01	3584562	Simrit Wave Hp	1
12	03-21281-01	3584566	Impeller CW m. gänga för cuttangen	1
	0.2174.476	3584568	O-ring 144,81 087,30x3,4	1

Tekniskt beskrivning
1.Prestanda
Flöde: Min 125 l/min vid pin = -0,3 bar put = 3,0 bar n = 3975 rpm
2.Livslängd
Impeller: min 500 h utan torrkörning
Lock: min 1500 h
Övriga delar: min 3000 h

Tekniskt beskrivning
1.Performance
Flow: Min 125 l/min at pin = -0,3 bar put = 3,0 bar n = 3975 rpm
2.Durability
Impeller: min 500 h without dry running
End cover: min 1500 h
Other parts: min 3000 h

JOHNSON PUMP
A SPX BRAND

F6B-9 Impeller pump
Art. No. 10-13470-01

Part no.	Description GB	Position	Quantity
01-13351-1	PUMPBODY F6B-9 (VPoA)	1	1
01-13368-1	PULLEY F6B-9 (VPoA)	2	1
08-812B-110	IMPELLER VP21212794	3	1
01-35985	BEARING HOUSING F5B-9 (VPoA)	4	1
0.2233.001	LIP SEAL 16X28X7 DPSM	5	1
0.3431.753	BALL BEARING 6006 2RS1/VT90 ST	6	1
0.0141.504	SCREW M5X40 DIN931 SLOTTED	7	4
0.2173.474	O-RING 4.1X1.6 SS1586 NBR70	8	4
0.2173.476	O-RING 54.6X2.4 NBR70	9	1
0.0371.058	RETAIN. RING BORE D55 DIN 472 SPRST	10	1
01-47129	SUPPORT BUSH 20X8 26 RUBBER	11	1

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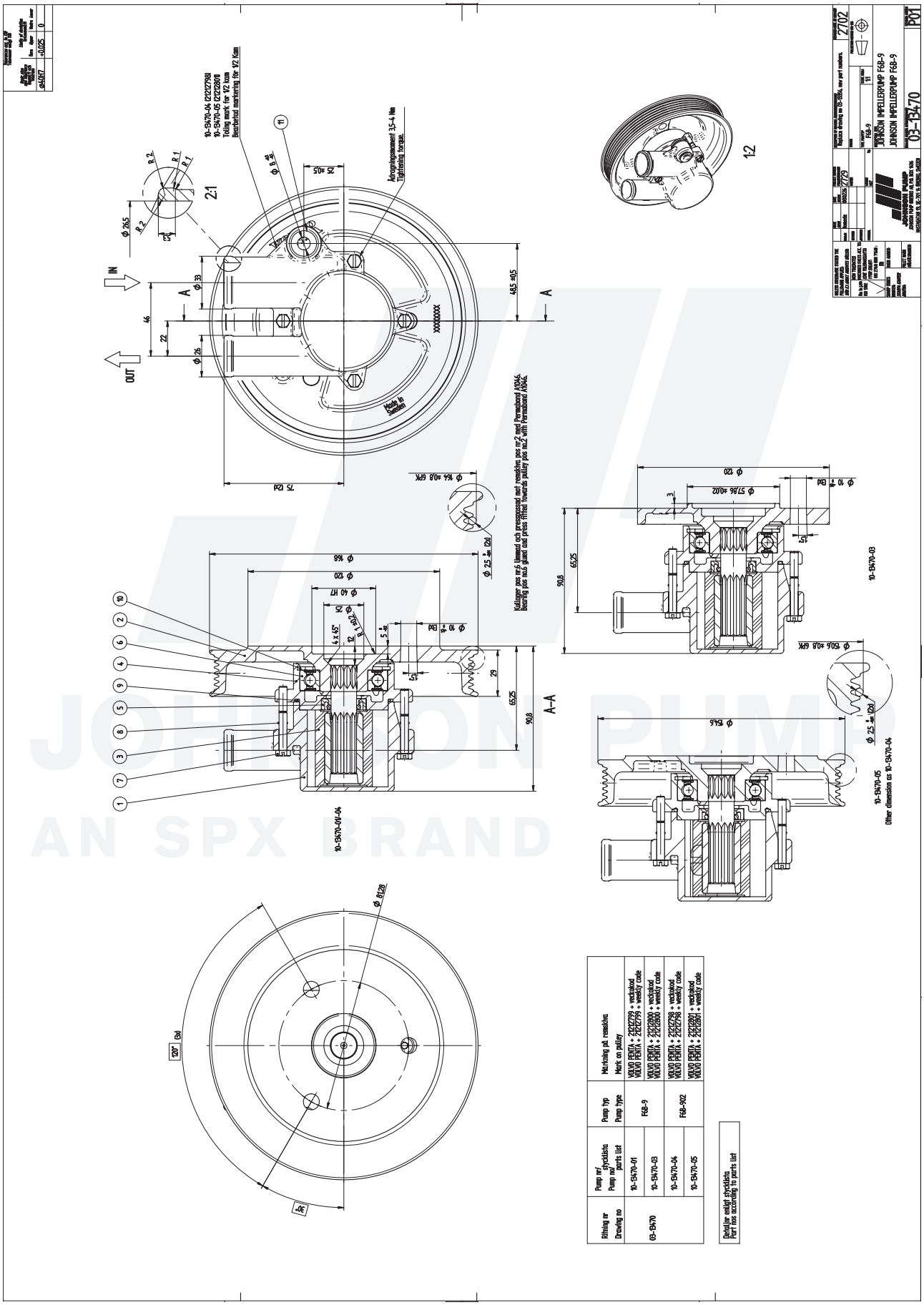

JOHNSON PUMP
AN SPX BRAND

F6B-9 Impeller pump
Art. No. 10-24232-1

Part no.	Description GB	Position	Quantity
01-24231-1	BODY F6B-9	1	1
01-45670	CAM 1/1 F6B-9	2	1
01-45312-1	ENDCOVER F5B/F6B-9	3	1
08-812B-1	IMPELLER	4	1
01-45315	GASKET F5B/F6B-9	5	1
04-46408-01	CARRIER COMPLETE	6	1
0.2233.001	LIP SEAL 16X28X7 DPSM	7	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	8	2
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	9	1
0.0141.502	SCREW M5X8 DIN933SLOTTED BRASS	10	4
0.0279.033	SCREW M5X8 ISO1207 BRASS	11	1
01-45680	WASHER F5B/F6B/F7B	12	1
01-45953	HOSE BUSHING F5/F6B-9	13	2

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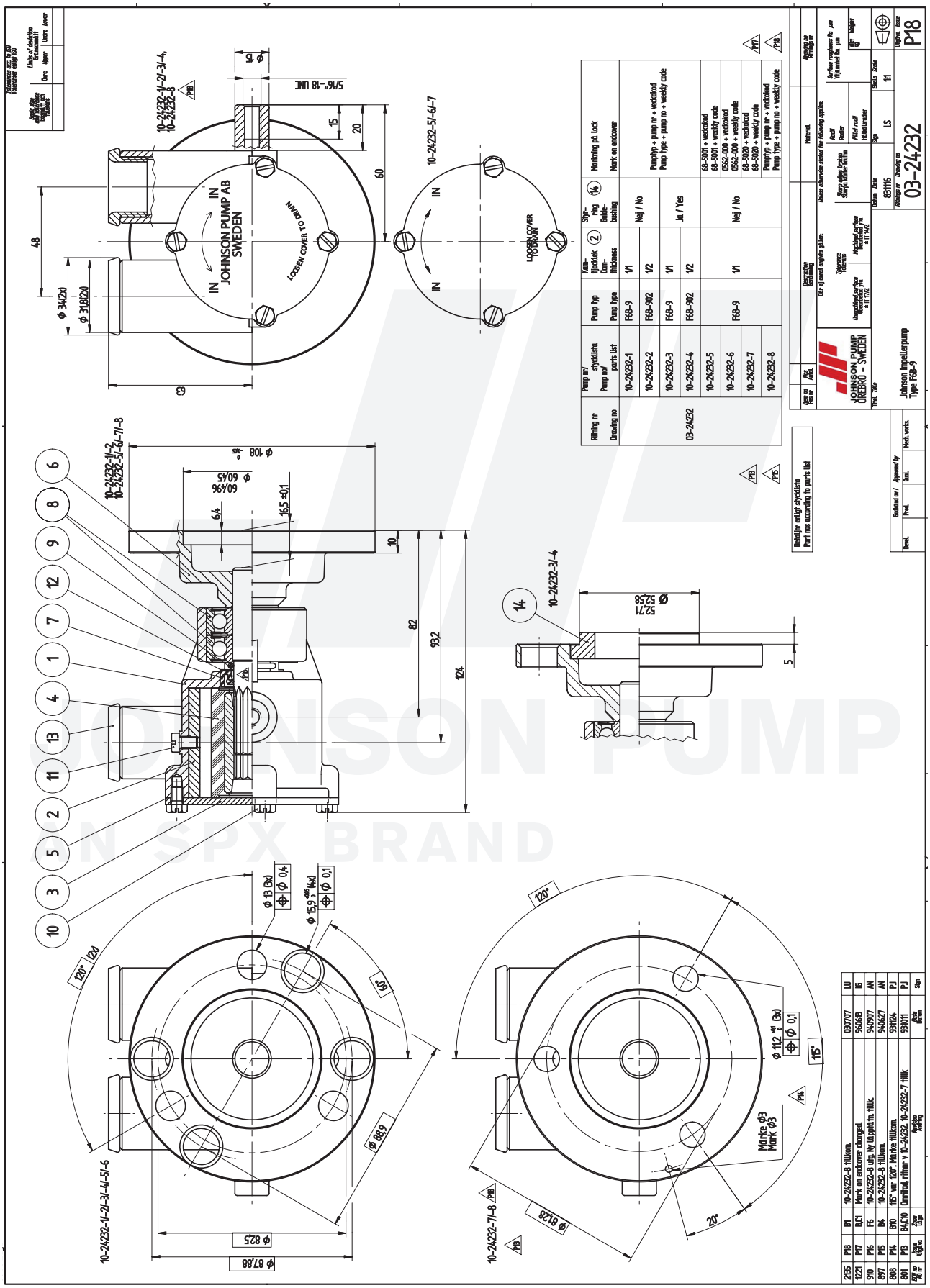

JOHNSON PUMP
AN SPX BRAND

F6B-9 Impeller pump
Art. No. 10-24302-01

Part no.	Description GB	Position	Quantity
01-24231-1	BODY F6B-9	1	1
01-45681	SHAFT F5B/F6B-9	2	1
01-45670	CAM 1/1 F6B-9	3	1
01-45312-1	ENDCOVER F5B/F6B-9	4	1
08-812B	IMPELLER F6B-9	5	1
01-45315	GASKET F5B/F6B-9	6	1
01-35274	CARRIER F6B-9	7	1
0.2233.252	LIP SEAL 16X28X7 B	8	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	9	2
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	10	1
0.0141.502	SCREW M5X8 DIN933SLOTTED BRASS	11	4
0.0279.033	SCREW M5X8 ISO1207 BRASS	12	1
01-45680	WASHER F5B/F6B/F7B	13	1
01-45953	HOSE BUSHING F5/F6B-9	14	2

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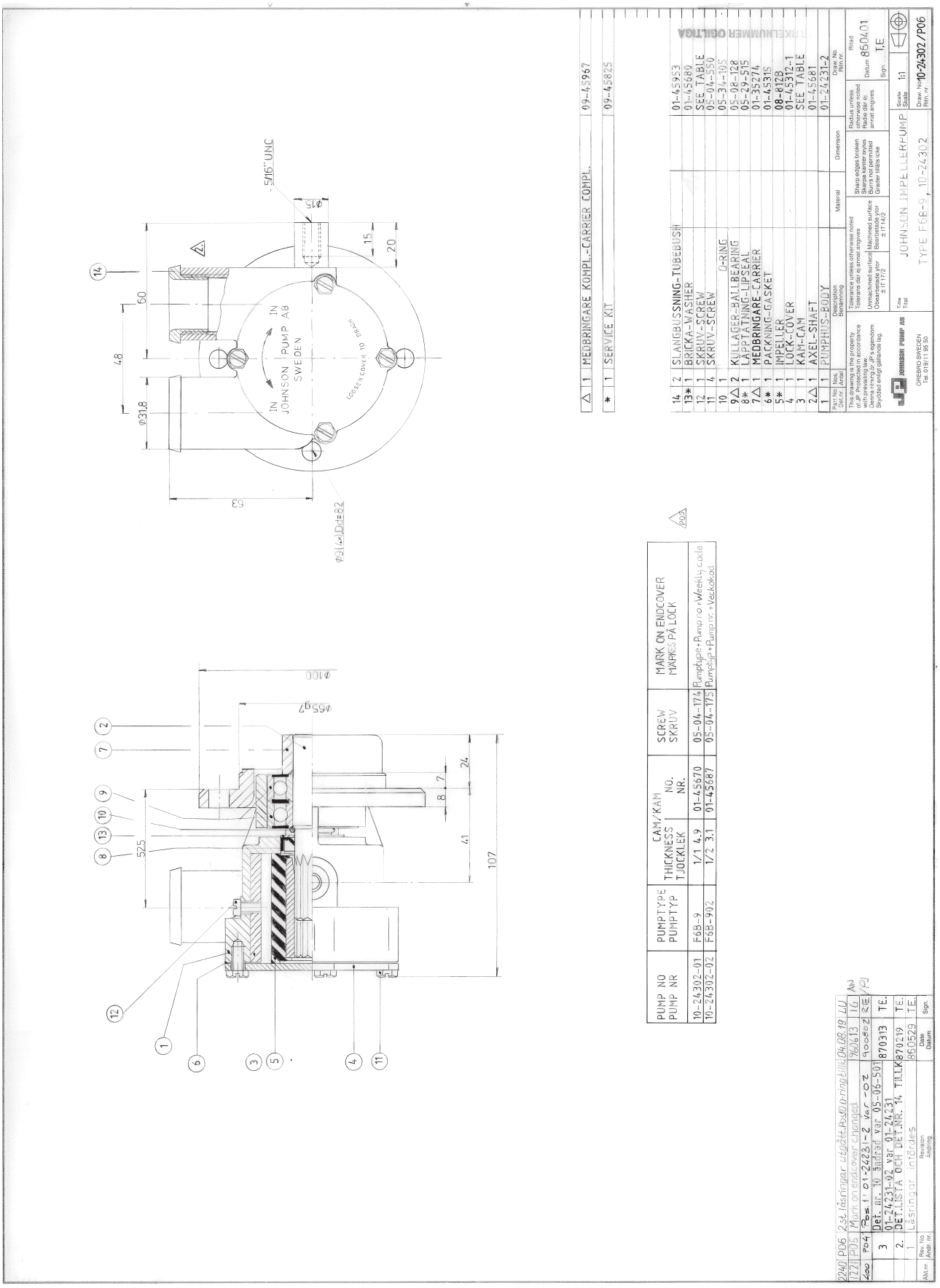

△	1	MEDBRINGARE KOMPL.-CARRIER COMPL.	09-45967
*	1	SERVICE KIT	09-45825

14	2	SLANGBUSSNING-TUBEBUSH	01-45953
13*	1	BRICKA-WASHER	01-45680
12	1	SKRUV-SCREW	SEE TABLE
11	4	SKRUV-SCREW	05-04-550
10	1	O-RING	05-34-195
9△	2	KULLAGER-BALLBEARING	05-08-128
8*	1	LÄPPTÄTNING-LIPSEAL	05-29-515
7△	1	MEDBRINGARE-CARRIER	01-35274
6*	1	PACKNING-GASKET	01-45315
5*	1	IMPELLER	08-8128
4	1	LOCK-COVER	01-45312-1
3	1	KAM-CAM	SEE TABLE
2△	1	AXEL-SHAFT	01-45681
1	1	PUMPHUS-BODY	01-24231-2

Part No. Del nr	Nos. Antal	Description Benämning	Material	Dimension	Draw. No. Ritn.nr

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Tolerances unless otherwise stated ISO 2768 m Toleranser om ej annat anges

Machined surface Bearbetade ytor ±IT14/2

Sharp edges broken Skarpa kanter tavlas Brutet kant ej tillåtet

Radius surfaces chiseled Radie där ej annat anges

Datum 850401 Sign. T.E

Title Titel JOHNSON PUMP AB

JOHNSON IMPELLERPUMP

TYPE F6B-9, 10-24302

Scale Skala 1:1

Draw. No. 10-24302./P06
Ritn. nr.

ÖREBRO SWEDEN
Tel. 019/11 95 30

PUMP NO PUMP NR	PUMPTYPE PUMPTYP	CAM/KAM THICKNESS TJOCKLEK	NO. NR.	SCREW SKRUV	MARK ON ENDCOVER MÄRKES PÅ LOCK
10-24302-01	F6B-9	1/1 4.9	01-45670	05-04-174	Pumptype+Pumpno+Weekly code
10-24302-02	F6B-902	1/2 3.1	01-45687	05-04-175	Pumptyp+Pumpnr+Veckokod

2240	P06	2st lösningar utgår ur pumpeliU					04.08.19	LW	
[22]	P05	Mark on endcover changed					96/613	16	AN
400	P04	Pos 1: 01-24231-2 var -02					960628	RE	
	3	Det. är 10 ändrad var 05-05-501					870313	TE.	
	2.	01-24231-02 var 01-24231							
	1.	DET LISTA OCH DET NR. 1¼ TILLK					870219	TE	
		Gjutning inlödes					860529	TE.	
Ändr. nr	Rev. No.	Revision Ändring					Datum	Sign.	

F6B-9 Impeller pump
Art. No. 10-24316-1

Part no.	Description GB	Position	Quantity
01-24231-1	BODY F6B-9	1	1
01-45681	SHAFT F5B/F6B-9	2	1
01-45670	CAM 1/1 F6B-9	3	1
01-45312-1	ENDCOVER F5B/F6B-9	4	1
08-812B	IMPELLER F6B-9	5	1
01-45315	GASKET F5B/F6B-9	6	1
01-35283	CARRIER F6B-9	7	1
0.2233.252	LIP SEAL 16X28X7 B	8	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	9	2
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	10	1
0.0141.502	SCREW M5X8 DIN933SLOTTED BRASS	11	4
0.0279.033	SCREW M5X8 ISO1207 BRASS	12	1
01-45680	WASHER F5B/F6B/F7B	13	1
01-45953	HOSE BUSHING F5/F6B-9	14	2

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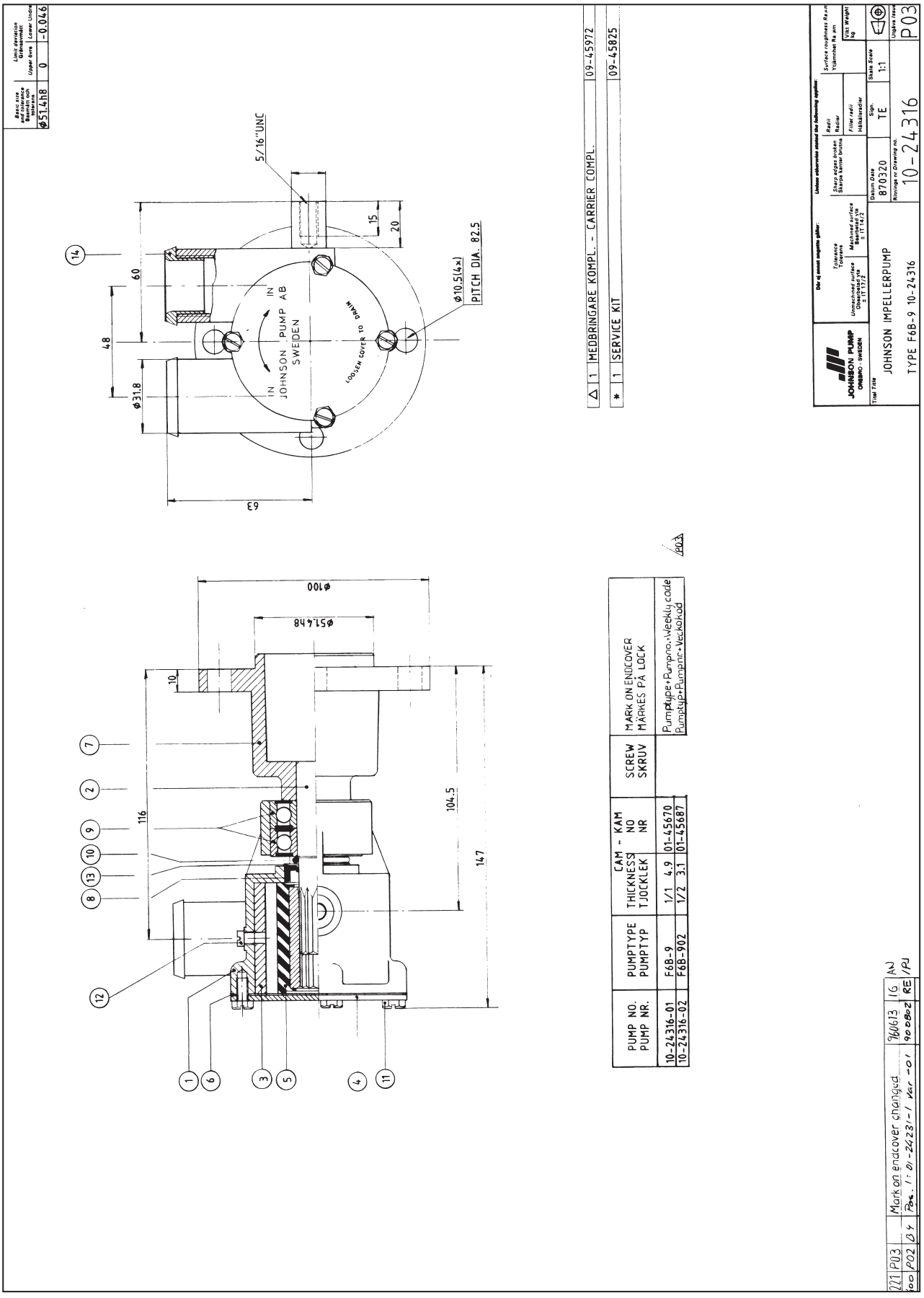


Basic size and limit deviation Baumått och toleranser	Limit deviation Gränsmått	
	Upper övre	Lower Undre
Ø51.4h8	0	-0.046

△	1	MEDBRINGARE KOMPL. - CARRIER COMPL.	09-45972
*	1	SERVICE KIT	09-45825

PUMP NO. PUMP NR.	PUMPTYPE PUMPTYP	CAM - KAM THICKNESS TJOCKLEK	CAM - KAM NO NR	SCREW SKRUV	MARK ON ENDCOVER MÄRKES PÅ LOCK
10-24316-01	F6B-9	1/1 4.9	01-45670		Pumptype+Pumpno.+Weekly code Pumptyp+Pumpnr.+Veckokod
10-24316-02	F6B-902	1/2 3.1	01-45687		

221	P03	Mark on endcover changed	960613	JG		
100	P02	Par. nr 01-24231-1 var -01	900802	RE	/PJ	

Unless otherwise stated the following applies:
Die ej annat anges gäller:

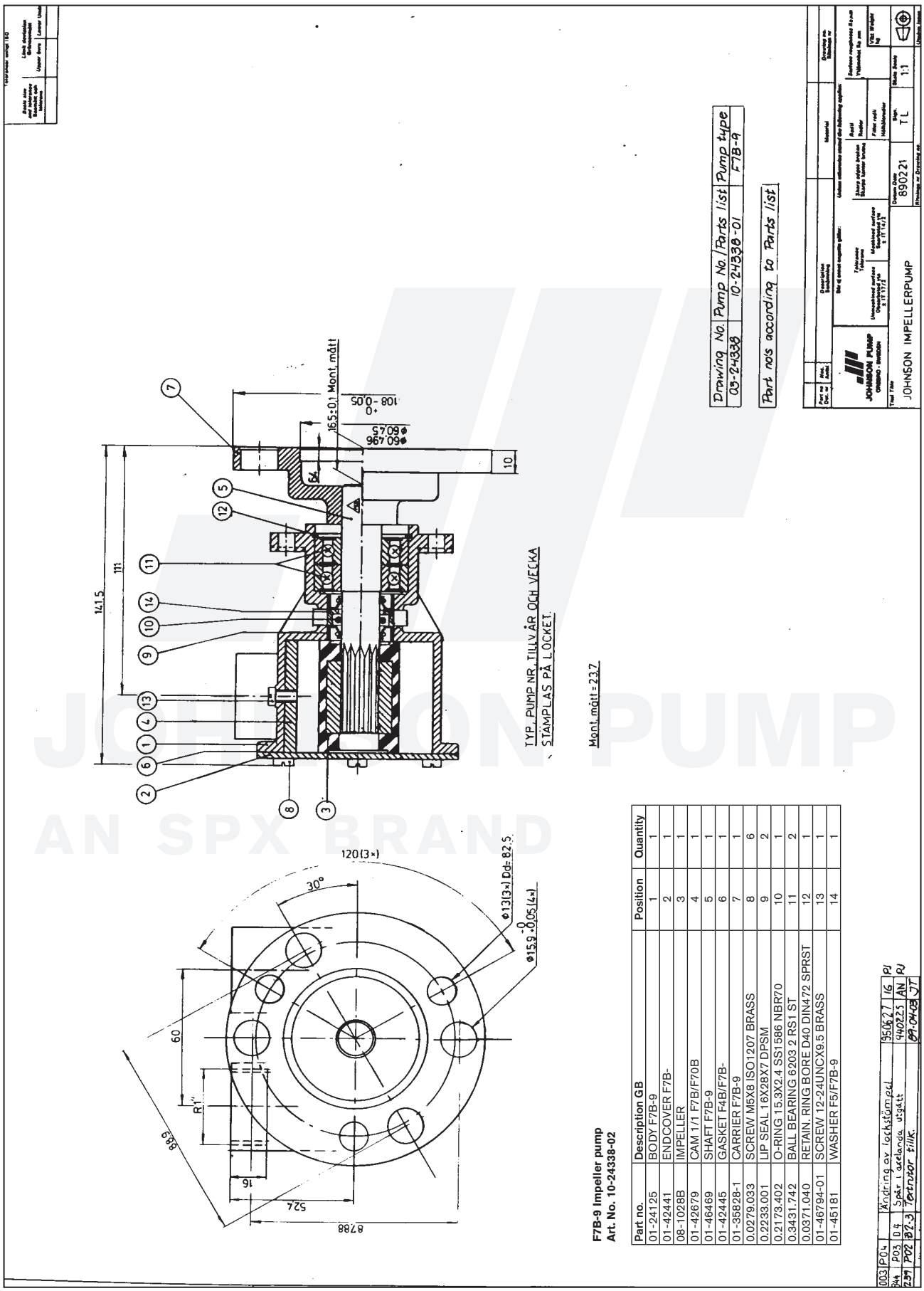
Tolerance Toleranser	Machined surface Bearbetad yta ± IT 17/2	Machined surface Bearbetad yta ± IT 14/2	Radii Radier	Surface roughness Ra µm Ytjämnhet Ra µm
		Sharp edges broken Skarpa kanter brutna	Fillet radii Hålkäreradier	Vikt Weight kg

JOHNSON PUMP
ÖRKELJUNGA - SWEDEN

Titel Title
JOHNSON IMPELLERPUMP
TYPE F6B-9 10-24316

Datum Date	Sign.	Skala Scale	
870320	TE	1:1	

Ritnings nr Drawing no.
10-24316
Utgåva Issue P03



F7B-9 Impeller pump
Art. No. 10-24338-02

Part no.	Description GB	Position	Quantity
01-24125	BODY F7B-9	1	1
01-42441	ENDCOVER F7B-	2	1
08-1028B	IMPELLER	3	1
01-42679	CAM 1/1 F7B/F70B	4	1
01-46469	SHAFT F7B-9	5	1
01-42445	GASKET F4B/F7B-	6	1
01-35828-1	CARRIER F7B-9	7	1
0.0279.033	SCREW M5X8 ISO1207 BRASS	8	6
0.2233.001	LIP SEAL 16X28X7 DPSM	9	2
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	10	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	11	2
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	12	1
01-46794-01	SCREW 12-24UNCX9.5 BRASS	13	1
01-45181	WASHER F5/F7B-9	14	1

003	P04	Ändring av lockstomrad	950627	IG
244	P03	0.4 Spår i anlanda utgått	940225	AN
231	P02	87.3 Textnor tillk.	89.04.08	JT

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JOHNSON PUMP

AN SPX BRAND

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F7B-9 Impeller pump
Art. No. 10-24428-01

Part no.	Description GB	Position	Quantity
01-24125-4	BODY F7B-9	1	1
01-42441	ENDCOVER F7B-	2	1
08-1028B	IMPELLER	3	1
01-42679	CAM 1/1 F7B/F70B	4	1
01-42445	GASKET F4B/F7B-	6	1
04-46429-01	CARRIER CPL	7	1
0.0279.033	SCREW M5X8 ISO1207 BRASS	8	6
0.2233.001	LIP SEAL 16X28X7 DPSM	9	2
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	10	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	11	2
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	12	1
01-46794-01	SCREW 12-24UNCX9.5 BRASS	13	1
01-45181	WASHER F5/F7B-9	14	1
01-46321	GUIDE RING F7B-9	15	1
01-46396	BUSHING F7B-9	0	2

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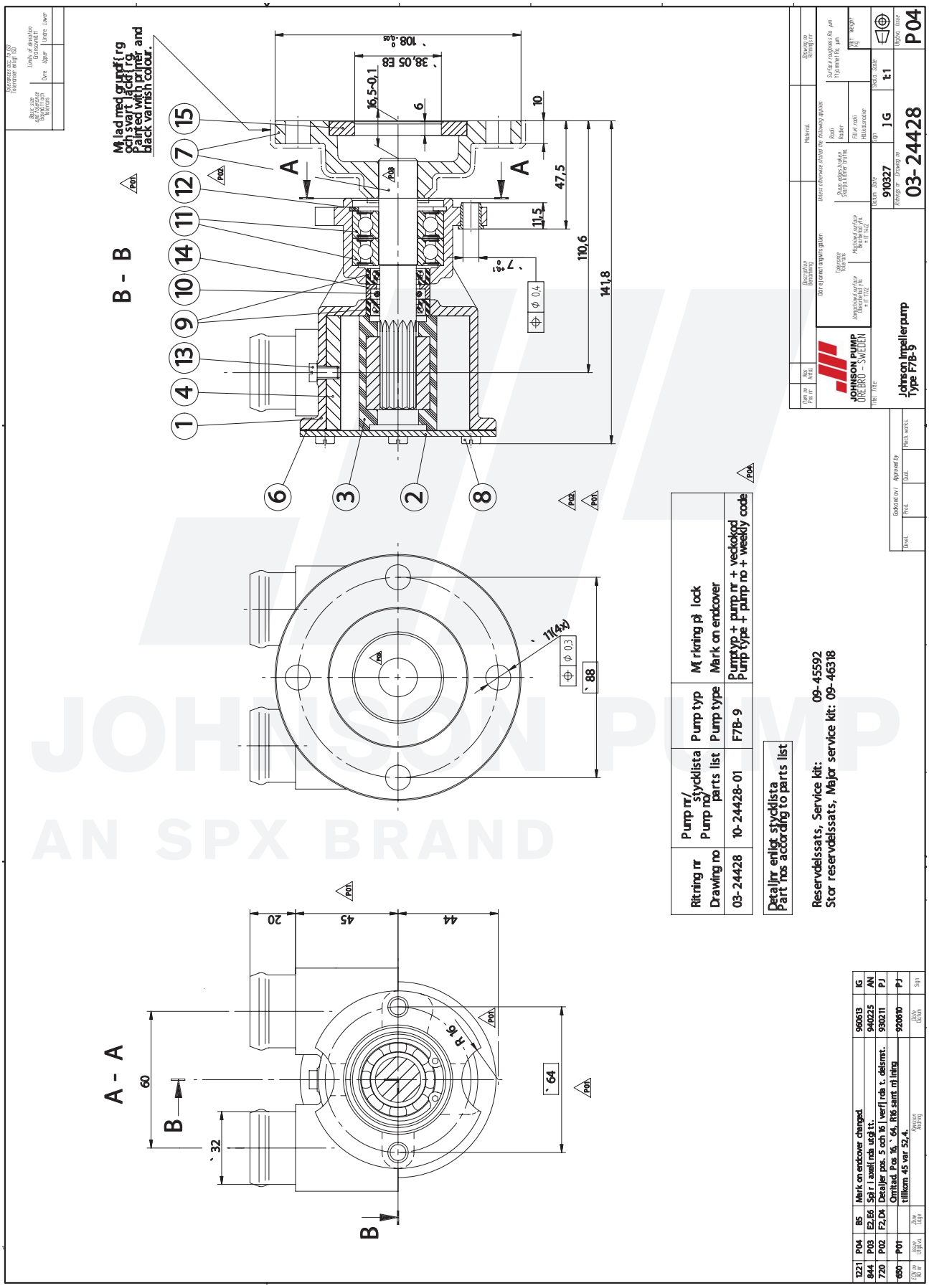
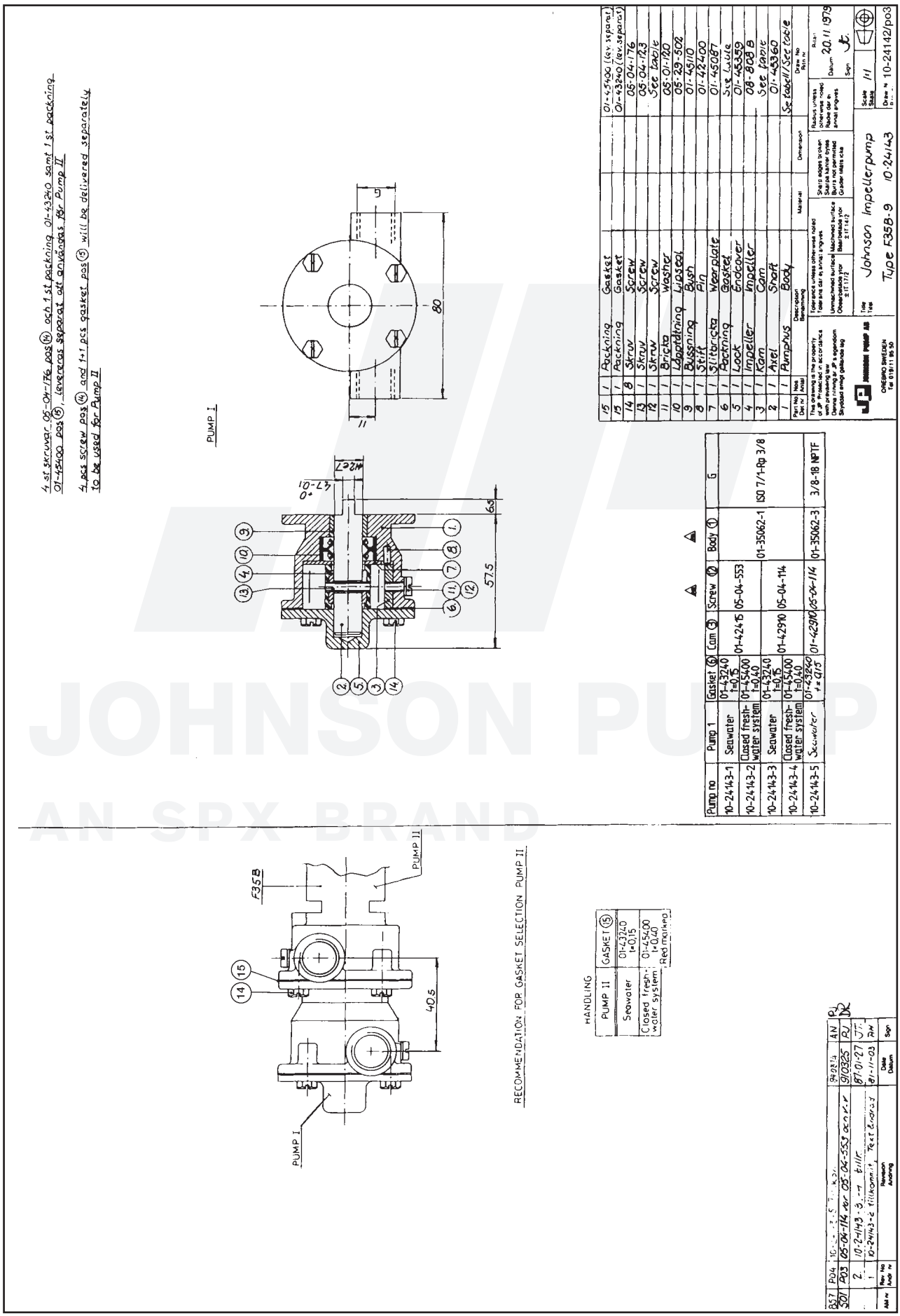


JOHNSON PUMP
AN SPX BRAND

10-24143 pump F35B-9



Pump no	Pump 1	Gasket ⑮	Cam ③	Screw ⑫	Body ①	G
10-24143-1	Seawater	01-43240 t=0,15	01-42415	05-04-553	01-35062-1	ISO 7/1-Rp 3/8
10-24143-2	Closed fresh-water system	01-45400 t=0,40				
10-24143-3	Seawater	01-43240 t=0,15	01-42910	05-04-114		
10-24143-4	Closed fresh-water system	01-45400 t=0,40				
10-24143-5	Seawater	01-43240 t=0,15	01-42390	05-04-114	01-35062-3	3/8-18 NPTF

Part No Del nr	Nos Antal	Description Benämning	Material	Dimension	Drawn No Ritn nr
15	1	Packning	Gasket		01-45400 (ev. separat)
15	1	Packning	Gasket		01-43240 (ev. separat)
14	8	Skruv	Screw		05-04-176
13	1	Skruv	Screw		05-04-123
12	1	Skruv	Screw		See table
11	1	Bricka	Washer		05-01-120
10	1	Lagerbrina	Liqseal		05-29-502
9	1	Bussning	Bush		01-45110
8	1	Stift	Pin		01-42400
7	1	Slitterskiva	Wearplate		01-45087
6	1	Packning	Gasket		See table
5	1	Lock	Endcover		01-45359
4	1	Impeller	Impeller		08-8088
3	1	Kam	Cam		See table
2	1	Axel	Shaft		01-45360
1	1	Pumphus	Body		See table/See table

Rev. No Ändr nr	Revision Ändring	Date Datum	Sign
1	10-24143-2 tillkommit, text ändrad	01-11-03	AW
2	10-24143-3 ändr	07.01.27	JT
P03	05-04-114 ver 05-04-553 använder	09.03.25	PJ
P04	10-24143-5 ändr	09.03.14	AN

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JOHNSON PUMP
AN SPX BRAND

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB

F35B Impeller pump
Art. No. 10-24638-01

Part no.	Description GB	Position	Quantity
01-36002	PUMP BODY F35B SWP	1	1
01-36001	PUMP BODY F35B FWP	2	1
01-47053	SHAFT F35B SWP	3	1
01-47052	SHAFT F35B FWP	4	1
01-36000	INTERMEDIATE PART F35B	5	1
01-46739-2	ENDCOVER F35B NEUTRAL	6	1
08-808B-12	IMPELLER W 47844	7	2
01-42415	CAM 1/2 F35B-	8	2
01-45542	SPACER D 12X16X4,3	9	2
01-42400	PIN F35B-/F7B/F70B	10	3
01-46676	WEAR PLATE F35B-8 SS	11	3
01-45049	PLATE F35/F4B-8	12	2
01-45659	WASHER F4B-8/-9	13	3
01-46790-01	WASHER D7.5XD4X1 CU	14	2
0.0141.700	TAP BOLT M4X8 ISO4017 A2-70	15	8
01-46794-10	SCREW 8-32UNCX7	16	2
0.0300.742	SET SCREW M6X6 DIN916 A2	17	2
0.2173.440	O-RING 42X2 NBR70	18	2
0.2173.432	O-RING 11.3X2.4 SS1586 NBR70	19	3
0.3431.748	BALL BEARING 6001 2 RS1 ST	20	4
0.2247.021	MECH.SEAL COMPL D12	21	3
0.0371.028	RETAIN. RING BORE D28 DIN472 SPRST	22	2
0.0370.012	EXT. CIRCLIP D12 DIN471 ST	23	2
0.0370.512	EXT. CIRCLIP D12 DIN471 FB	24	3
01-47054	LABEL	25	1
01-47055-1	PAINT PROTECTION ø 41	0	1
0.0633.701	PLUG TYPE 410025 D14MM DBI	0	4

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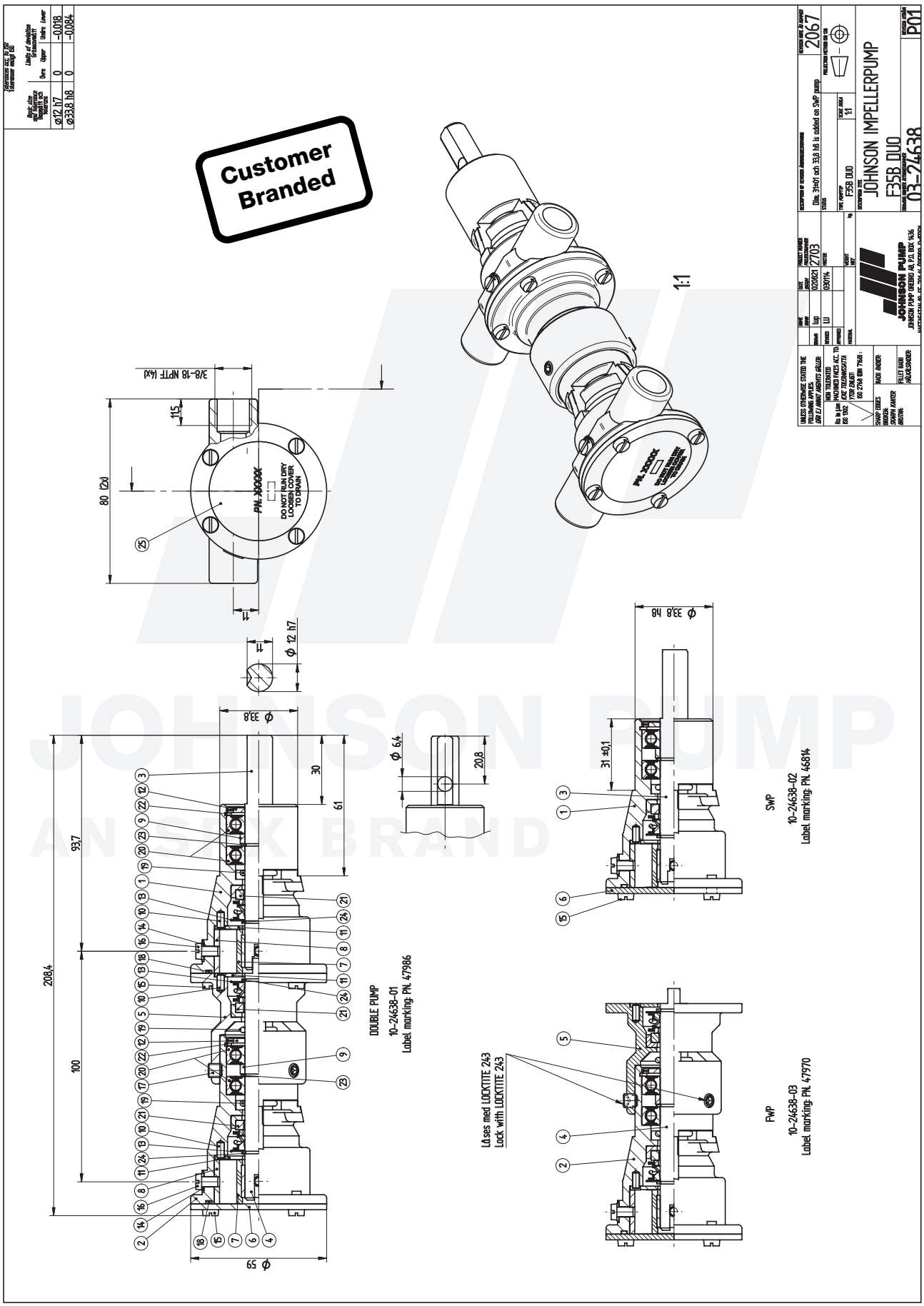
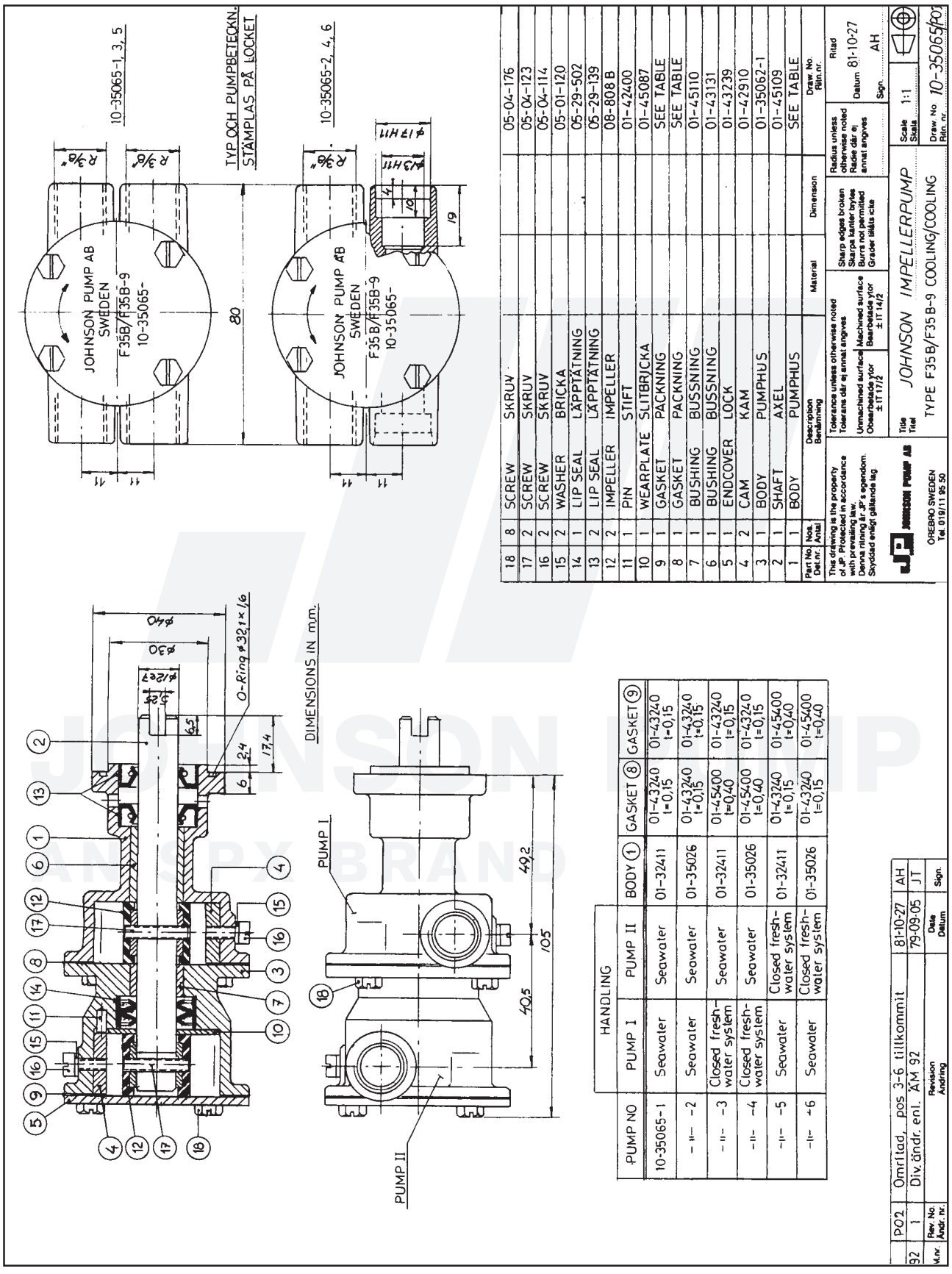


JOHNSON PUMP
ANDRA K BRAND

10-35065 pump F35B/F35B-9



Part No Detr.nr	Nos Antal	Description Benämning	Material	Dimension
18	8	SCREW	SKRUV	05-04-176
17	2	SCREW	SKRUV	05-04-123
16	2	SCREW	SKRUV	05-04-114
15	2	WASHER	BRICKA	05-01-120
14	1	LIP SEAL	LÄPPTÄTNING	05-29-502
13	2	LIP SEAL	LÄPPTÄTNING	05-29-139
12	2	IMPELLER	IMPELLER	08-808 B
11	1	PIN	STIFT	01-42400
10	1	WEARPLATE	SLITBRICKA	01-45087
9	1	GASKET	PACKNING	SEE TABLE
8	1	GASKET	PACKNING	SEE TABLE
7	1	BUSHING	BUSSNING	01-45110
6	1	BUSHING	BUSSNING	01-43131
5	1	ENDCOVER	LOCK	01-43239
4	2	CAM	KAM	01-42910
3	1	BODY	PUMPHUS	01-35062-1
2	1	SHAFT	AXEL	01-45109
1	1	BODY	PUMPHUS	SEE TABLE

PUMP NO	HANDLING PUMP 1	HANDLING PUMP II	BODY ①	GASKET ⑧	GASKET ⑨
10-35065-1	Seawater	Seawater	01-32411	01-43240 t=0,15	01-43240 t=0,15
- " - 2	Seawater	Seawater	01-35026	01-43240 t=0,15	01-43240 t=0,15
- " - 3	Closed fresh-water system	Seawater	01-32411	01-45400 t=0,40	01-43240 t=0,15
- " - 4	Closed fresh-water system	Seawater	01-35026	01-45400 t=0,40	01-43240 t=0,15
- " - 5	Seawater	Closed fresh-water system	01-32411	01-43240 t=0,15	01-45400 t=0,40
- " - 6	Seawater	Closed fresh-water system	01-35026	01-43240 t=0,15	01-45400 t=0,40

Rev. No. Ändr. nr.	Revision Ändring	Date Datum	Sign.
P02	Omritad, pos 3-6 tillkommit	81-10-27	AH
1	Div. ändr. enl. ÄM 92	79-09-05	JT

Tolerance unless otherwise noted / Tolerans där ej annat angives: Unmachined surface / Obearbetade ytor ±1/1 1/2; Machined surface / Bearbetade ytor ±1/1 1/2; Sharp edges broken / Skarpa kanter bytes / Burrs not permitted / Grader tillåts ej; Radius unless otherwise noted / Radie där ej annat angives: Ritad Datum 81-10-27, Sign. AH

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JOHNSON PUMP AB, ÖREBRO SWEDEN, Tel. 019/11 95 50

Title / Titel: JOHNSON IMPELLERPUMP
TYPE F35B/F35B-9 COOLING/COOLING

Scale / Skala 1:1

Draw. No / Ritn. nr. 10-35065/P02

JOHNSON PUMP
AN SPX BRAND

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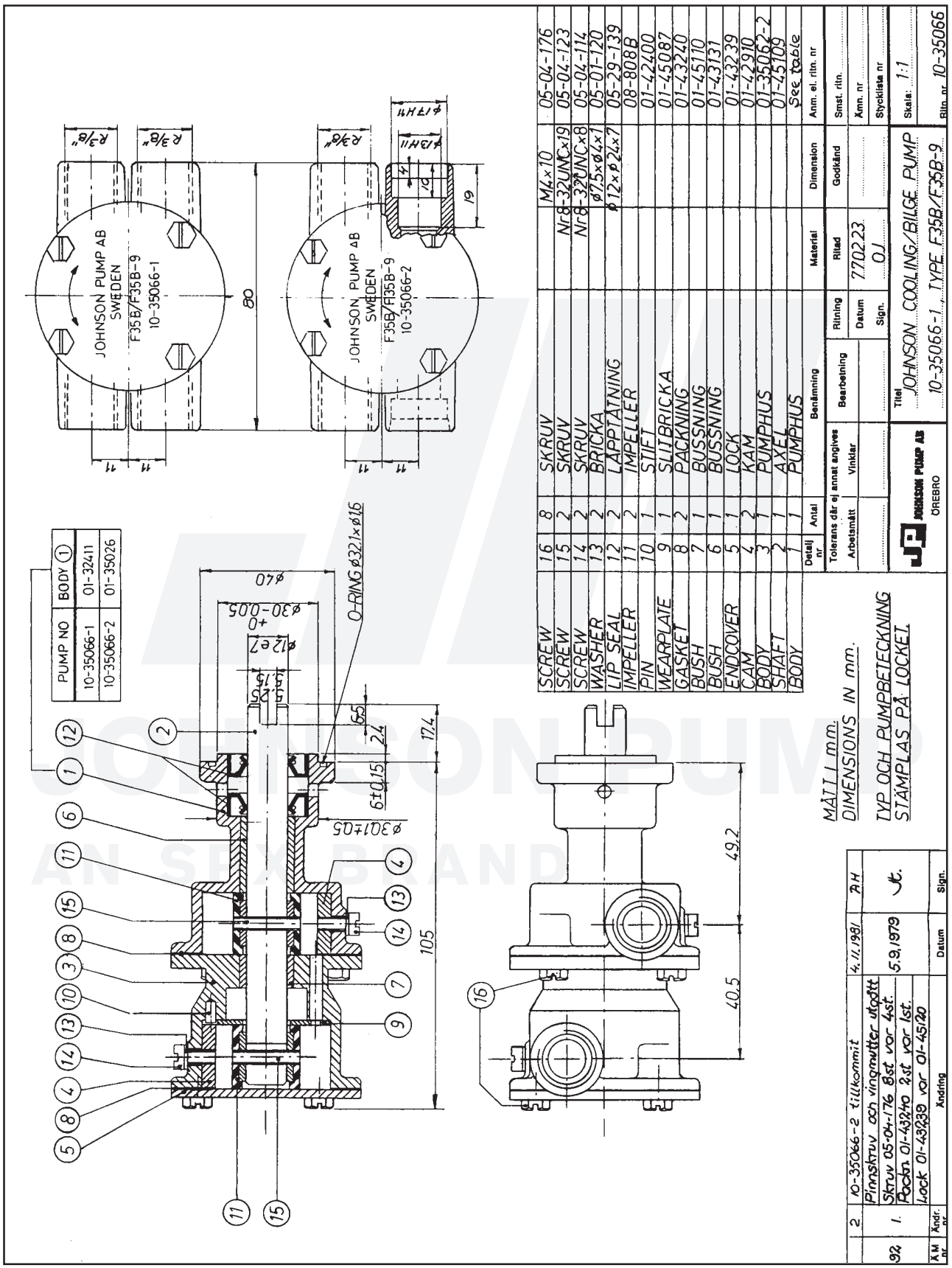
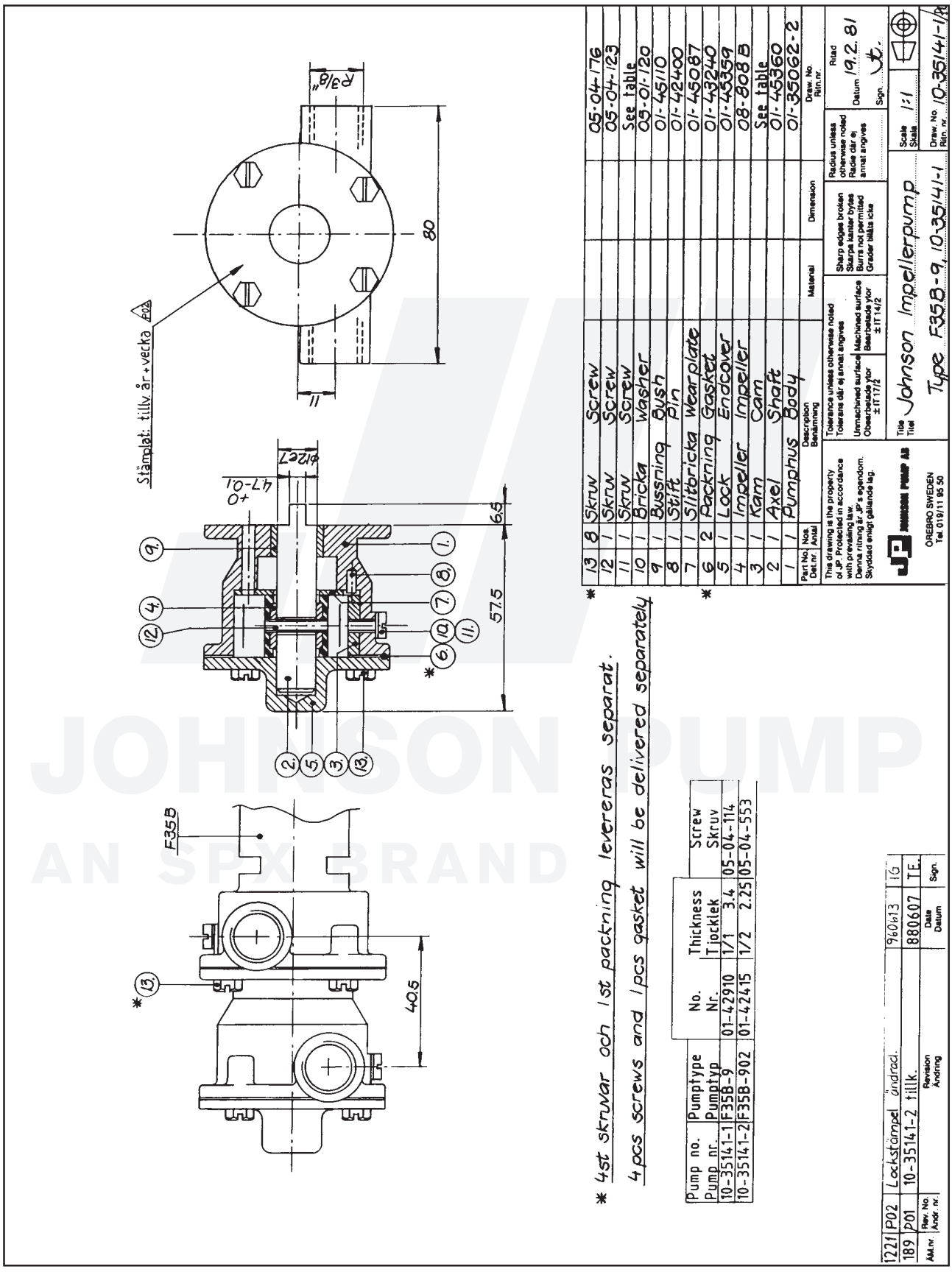
10-35066 pump F35B/F35B-9



JOHNSON PUMP AN SPX BRAND

10-35141 pump F35B-9



Pos	Ant	Benämning	Artikelnr
13	8	Skruv	05-04-176
12	1	Skruv	05-04-123
11	1	Skruv	See table
10	1	Bricka	09-01-120
9	1	Bussning	01-45110
8	1	Stift	01-42400
7	1	Slitbricka	01-45087
6	2	Packning	01-43240
5	1	Lock	01-43359
4	1	Impeller	08-808 B
3	1	Kam	See table
2	1	Axel	01-45360
1	1	Pumphus	01-35062-2

JOHNSON PUMP
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JOHNSON PUMP
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F35B/F35B-9 Impeller pump
Art. No. 10-35731-01

Part no.	Description GB	Position	Quantity
0.0141.500	SCREW M4X10 DIN933SLOTTED	10	8
0.0370.012	EXT. CIRCLIP D12 DIN471 ST	16	1
0.0371.028	RETAIN. RING BORE D28 DIN472 SPRST	15	1
0.0502.003	KEY A 3X3X12 DIN6885A ST	17	1
0.2173.468	O-RING 32.1X1.6 SS1586 NBR70	18	1
0.2233.010	LIP SEAL 12X24X7 DPSM	13	2
0.2233.200	LIP SEAL 12X24X10 DUPLEX	24	1
0.3431.748	BALL BEARING 6001 2 RS1 ST	14	2
0.3444.001	CARTON NO. 1 170X135X 90	0	1
01-35062-3	BODY F35B-9	5	1
01-35096-4	BODY F35B-9	1	1
01-42400	PIN F35B-/F7B/F70B	8	2
01-42910	CAM 1/1 F35B-	4	2
01-43238	CLAMP F35/F4B-9	19	2
01-43240	GASKET F35B-	22	1
01-45087	WEARPLATE F35B-	7	2
01-45110	BUSHING F35B-9	23	1
JP 533	INSRUCTIONS/IMPELLERCARD	0	1
01-45359	ENDCOVER F35B-9	21	1
01-45360	SHAFT F35B-9	20	1
01-45400	GASKET F35B-9	6	1
01-45669	SHAFT F35B-9	2	1
01-46790-01	WASHER D7.5XD4X1 CU	12	2
01-46794-03	SCREW 8-32UNCX8	11	2
08-808B-1	IMPELLER	3	2

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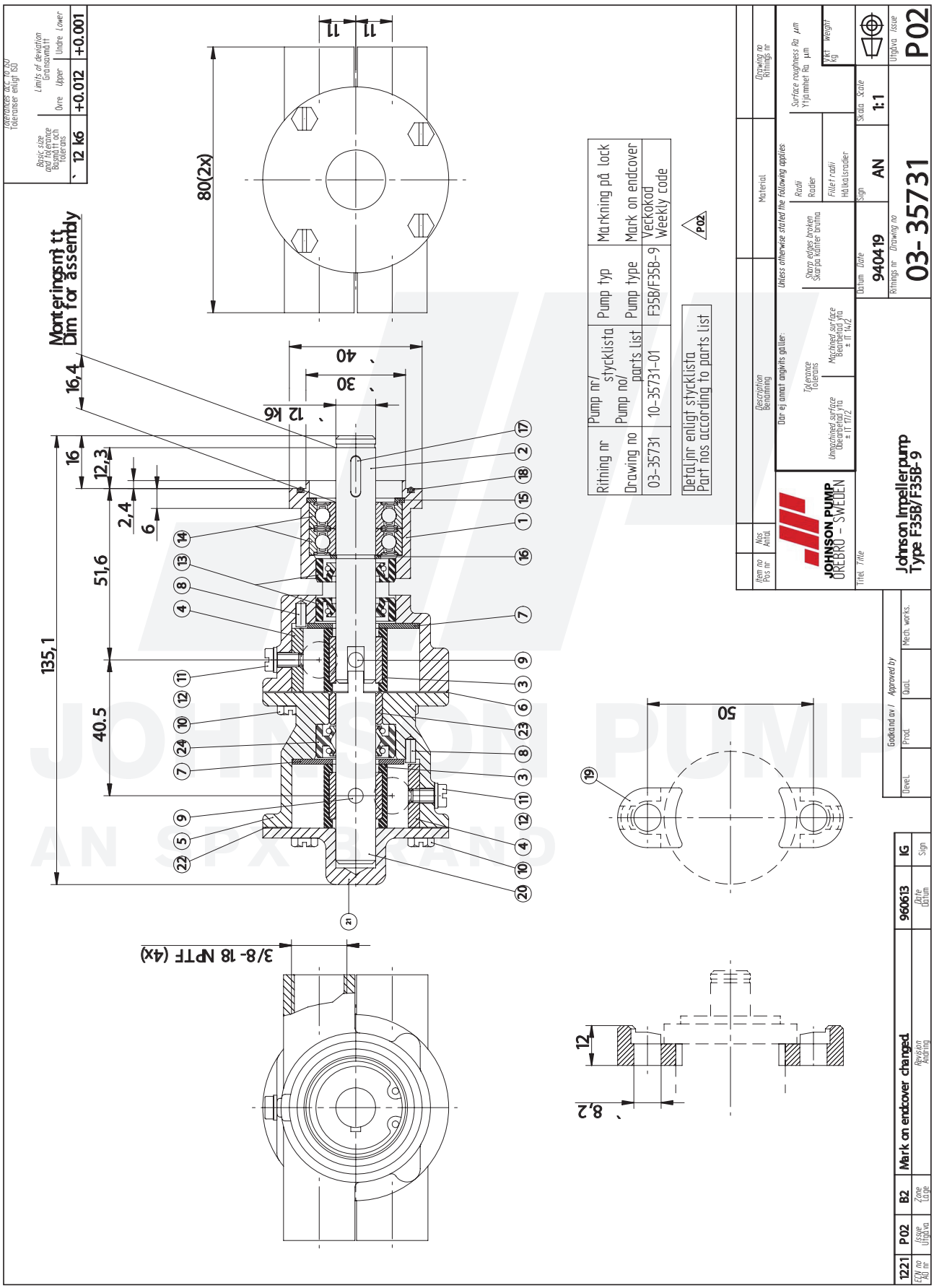
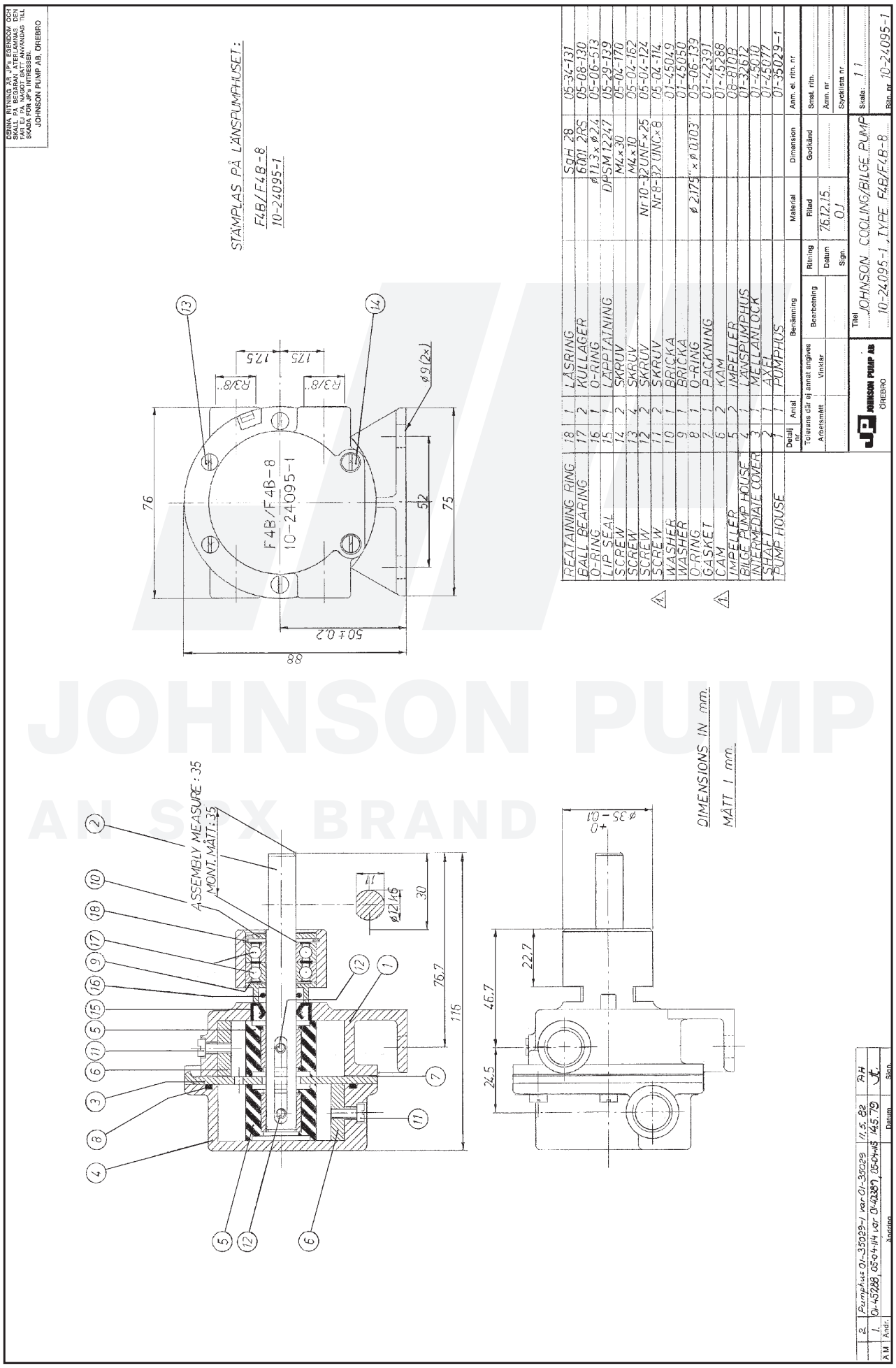
10-35731 pump F35B/F35B-9



JOHNSON PUMP
AN SPX BRAND

10-24095 pump F4B/F4B-8



JOHNSON PUMP
AN SPX BRAND

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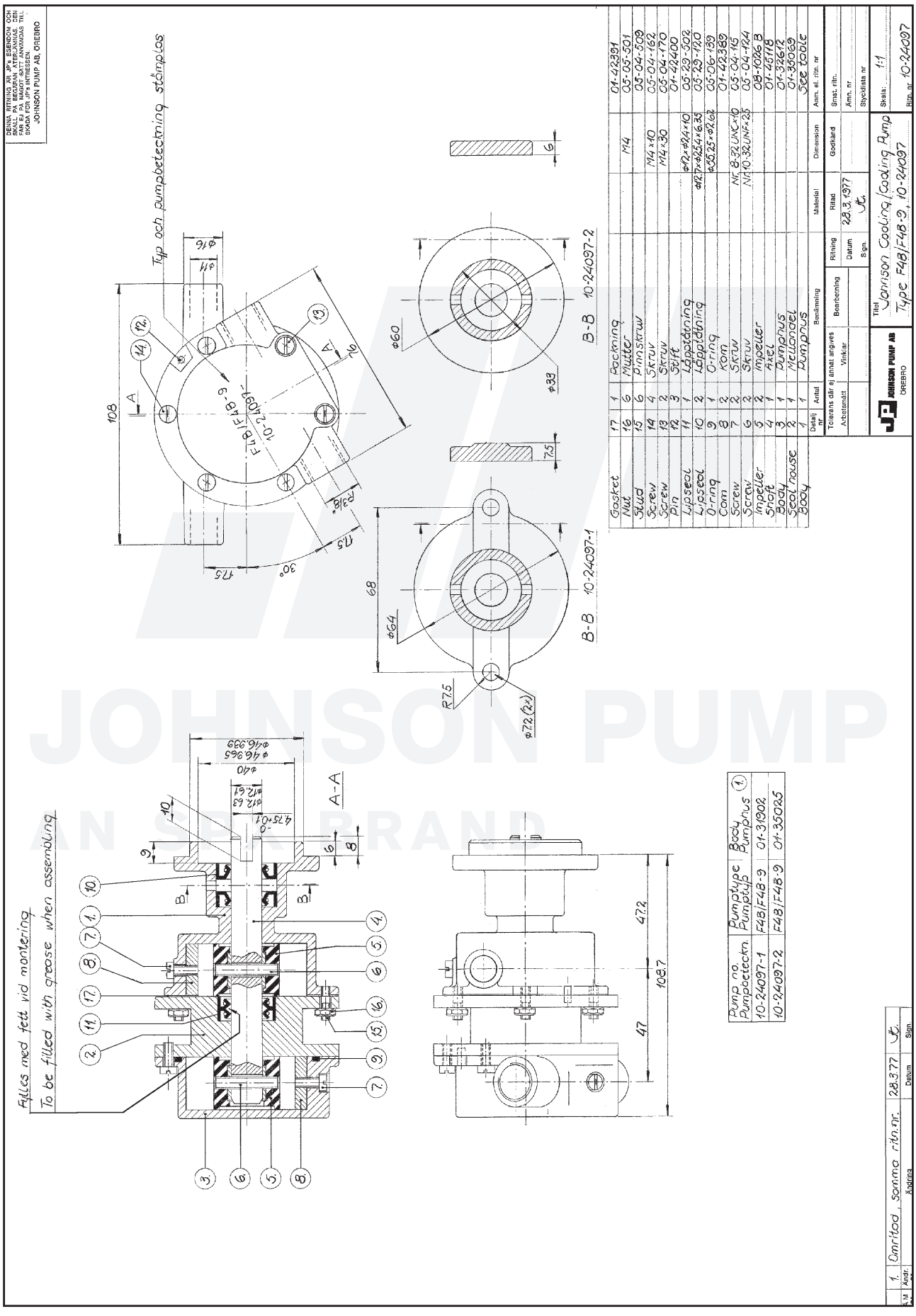
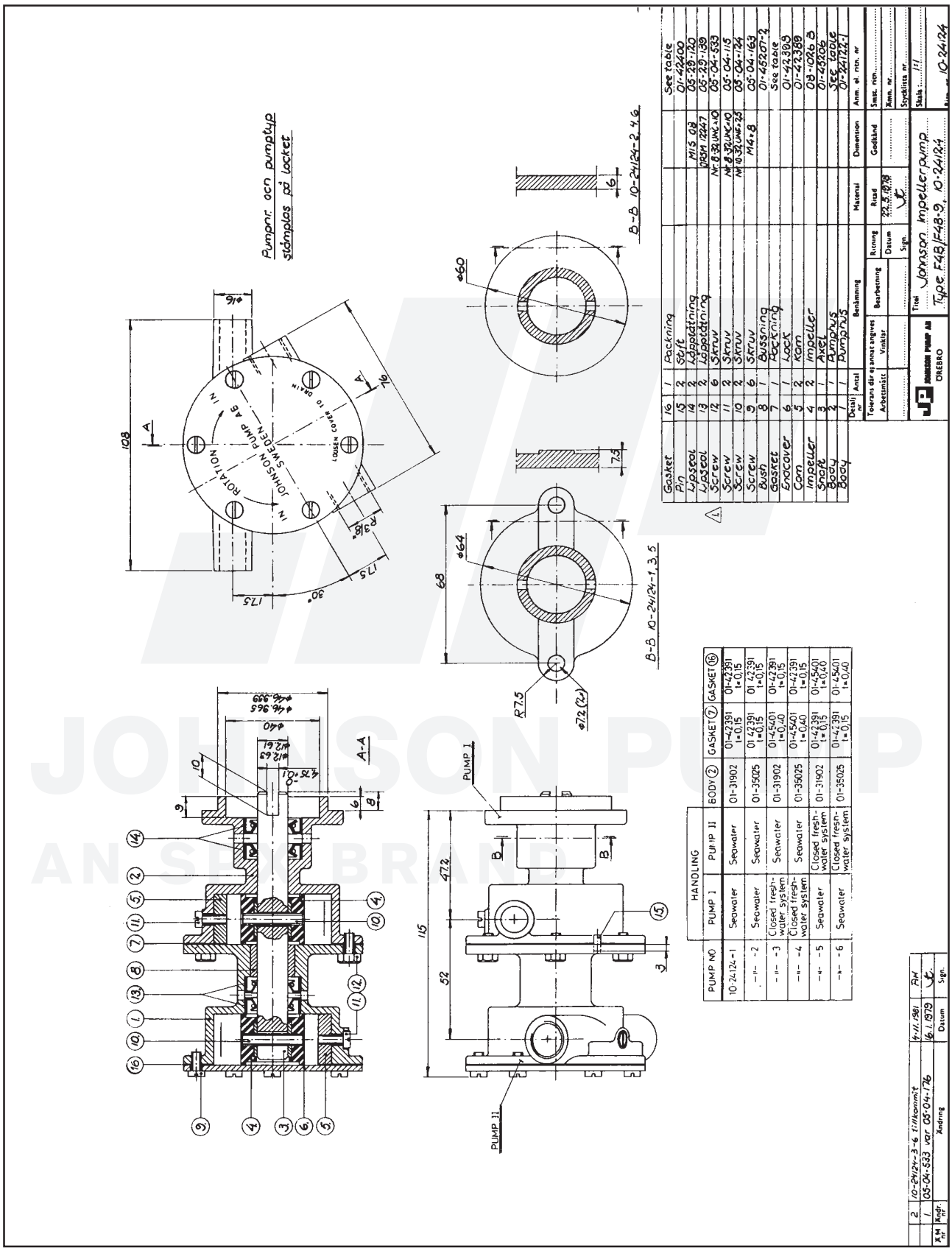


JOHNSON PUMP
AN SPX BRAND

10-24124 pump F4B/F4B-9



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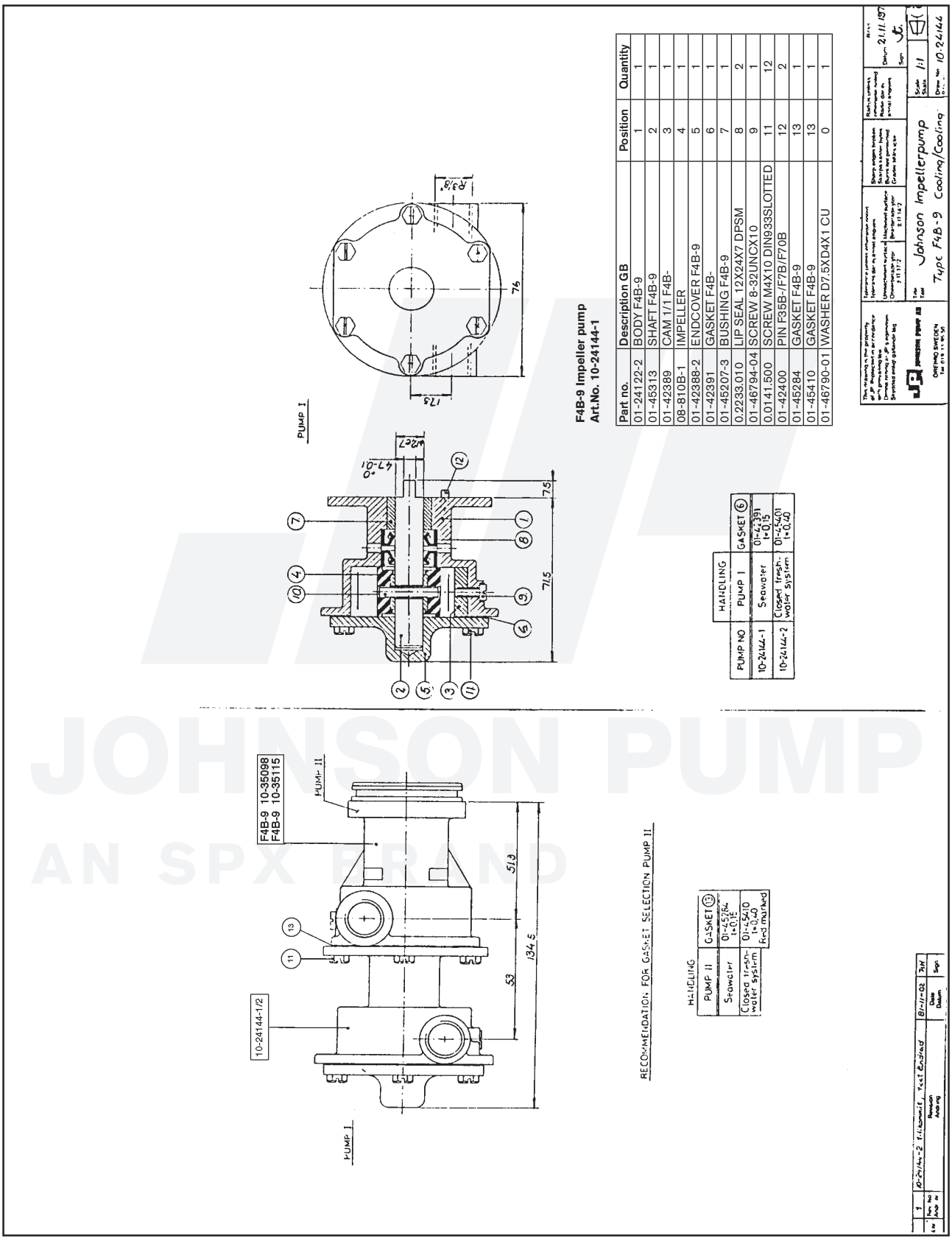
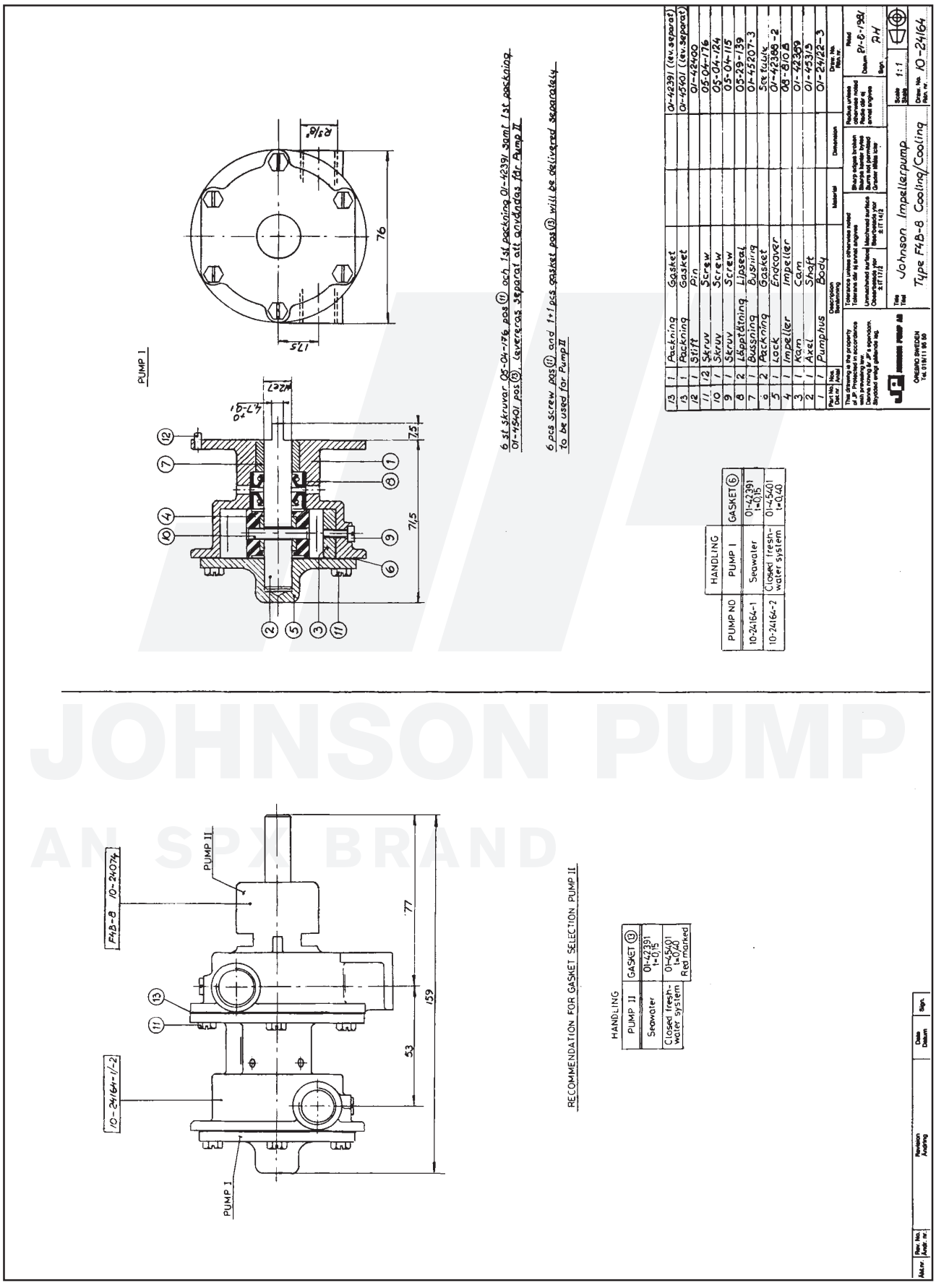


JOHNSON PUMP
AN SPX BRAND

10-24164 pump F4B-9



Pos	Qty	Description	Material	Dimension	Drawing No. / Part No.
13	1	Packning	Gasket		01-42391 (äv. separat)
13	1	Packning	Gasket		01-45401 (äv. separat)
12	1	Stift	Pin		01-45400
11	12	Skruv	Screw		03-04-116
10	1	Skruv	Screw		03-04-124
9	1	Skruv	Screw		03-04-115
8	2	Läpptätning	Lipseal		03-29-139
7	1	Bussning	Bushing		01-45207-3
6	2	Packning	Gasket		Se tkv/k
5	1	Lock	Endcover		01-42386-2
4	1	Impeller	Impeller		08-8108
3	1	Kam	Cam		01-42369
2	1	Axel	Shaft		01-45315
1	1	Pumphus	Body		01-24122-3

JOHNSON PUMP
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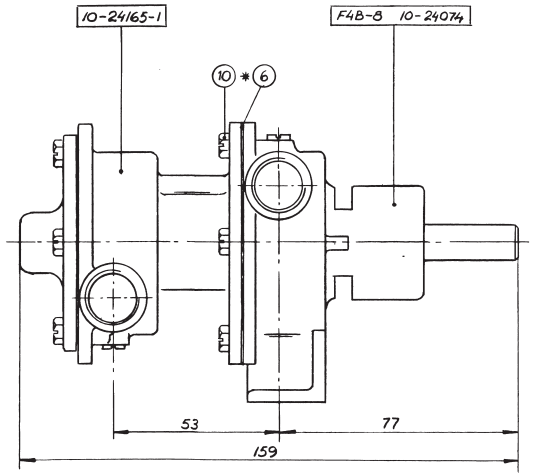
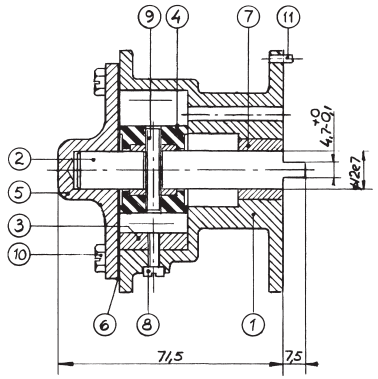
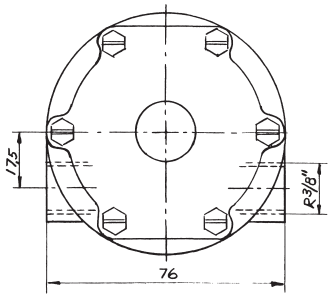


Pumptype Pumptyp	Pump No. Pump nr.	Cam Kam Thickness Tjocklek	Cam Kam No. Nr.	Screw Skruv	Mark on endcover Märkes på lock
F4B-9	10-24165-1	1/1 5.3	01-42389	05-04-115	Pumptype + Pump no. + Weekly code
F4B-903	10-24165-2	2/3 4.0	01-45288	05-04-114	Pumptyp + Pump nr. + Veckokod

P02





F4B-903 Impeller pump
Art. No. 10-24165-2

Part. No.	Description GB	Position	Quantity
01-24122-4	BODY F4B-9	1	1
01-45313	SHAFT F4B-9	2	1
01-45288	CAM 2/3 F4B-803/-903	3	1
08-810B-1	IMPELLER	4	1
01-42388-2	ENDCOVER F4B-9	5	1
01-42391	GASKET F4B-	6	2
01-45207-3	BUSHING F4B-9	7	1
01-46794-03	SCREW 8-32UNCX8	8	1
0.0141.500	SCREW M4X10 DIN933SLOTTED	10	12
01-42400	PIN F35B-/F7B/F70B	11	1
01-46790-01	WASHER D7.5XD4X1 CU	0	1
0.3444.001	CARTON NO. 1 170X135X 90	0	1
JP 533	INSRUCTIONS/IMPELLERCARD	0	1

* 6 st skruvar och 1st packning levereras separat
6 pcs screw and 1 pcs gasket will be delivered separately

Ant.	Rev. No.	Revision	Date	Sign.
221	P02	Mark on endcover changed.	960613	IG AN
	P01	10-24165-2 tillk.	86-08-08	JT

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Tolerance unless otherwise noted. Tolerans där ej annat angives. Unmachined surface Obearbetade ytor ±IT 17/2. Machined surface Bearbetade ytor ±IT 14/2.

Sharp edges broken. Skarpa kanter bytes. Burrs not permitted. Grader tillåts icke.

Radius unless otherwise noted. Radie där ej annat angives.

Ritad. Datum 21-8-1981. Sign RH

JP JOHNSON PUMP AB ÖREBRO SWEDEN Tel. 019/11 86 50

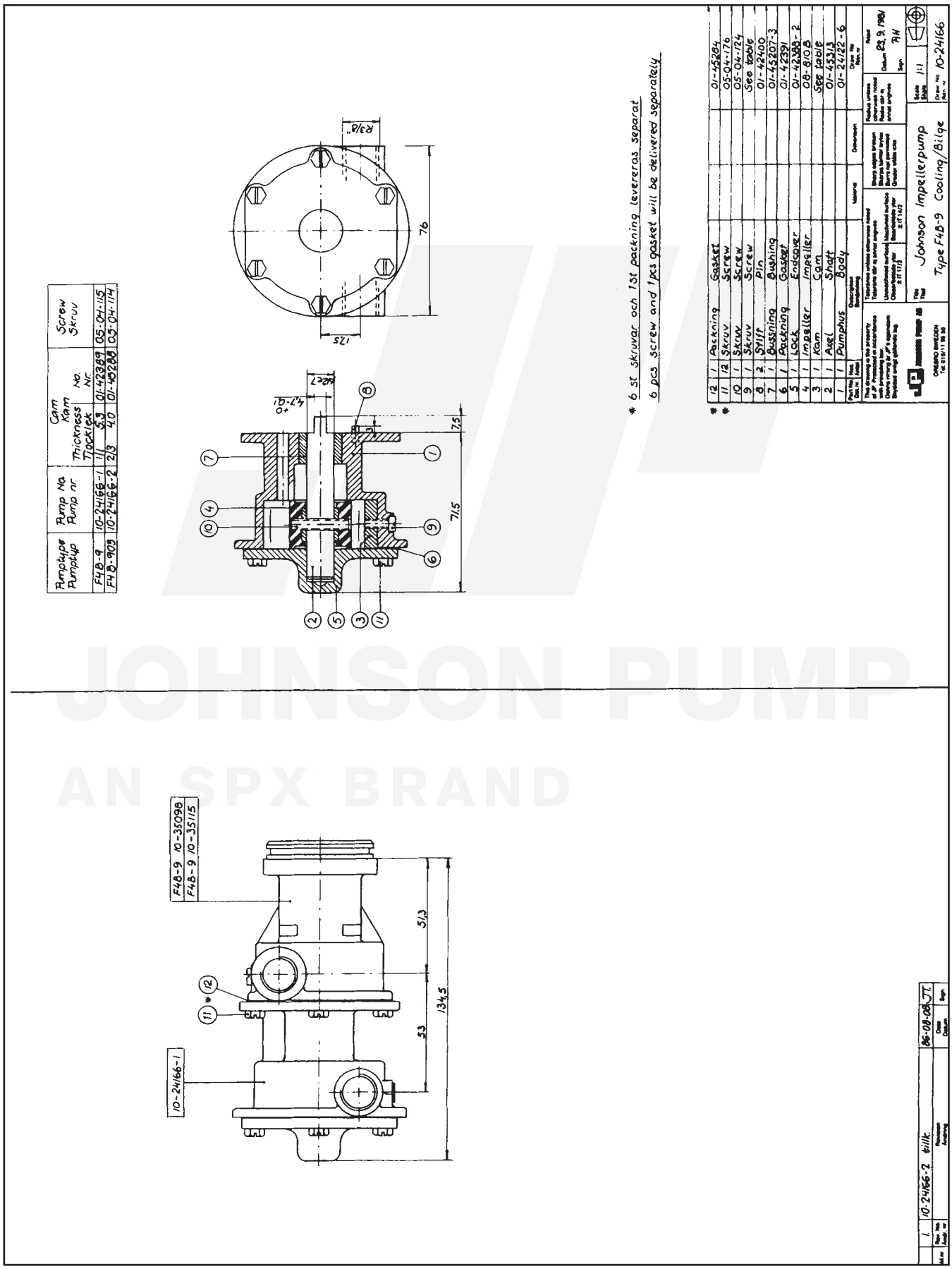
Title / Titel: Johnson Impellerpump Type F4B-8 Cooling/Bilge

Scale / Skala 1:1

Draw. No. / Ritn. nr. 10-24165/P0

10-24165 pump F4B-9

10-24166 pump F4B-9



JOHNSON PUMP
AN SPX BRAND

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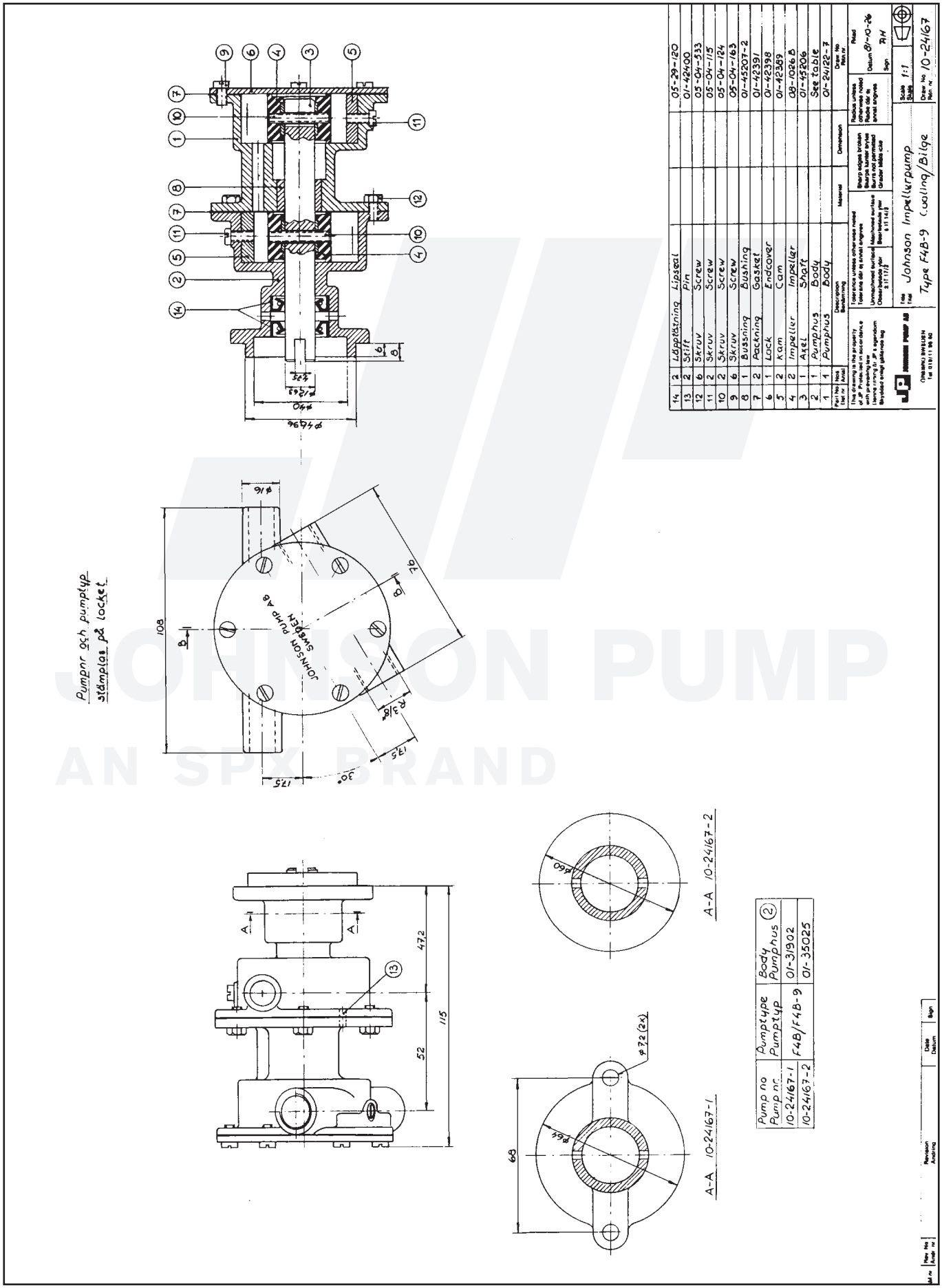
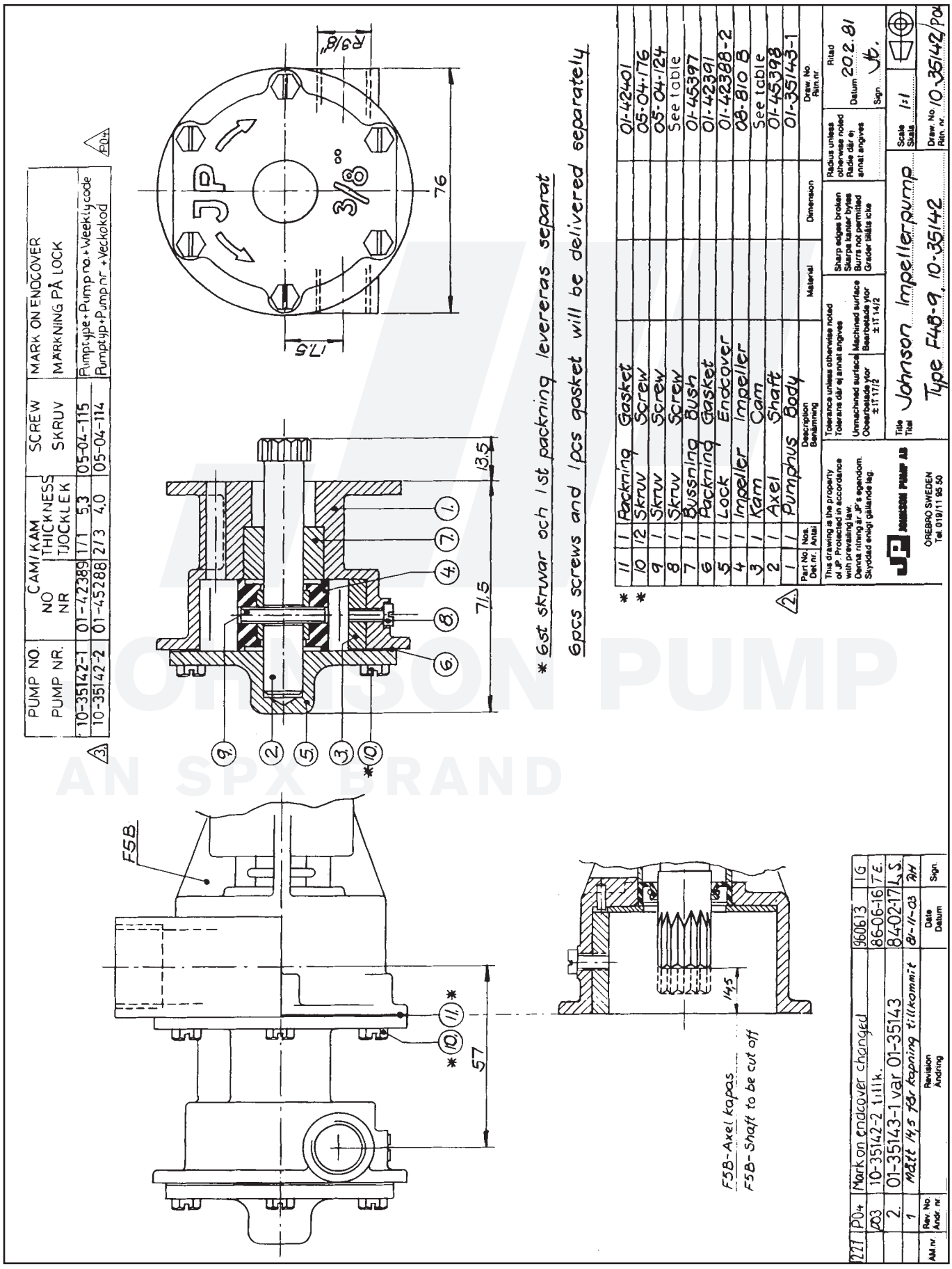


JOHNSON PUMP
AN SPX BRAND

10-35142 pump F4B-9



JOHNSON PUMP
AN SPX BRAND

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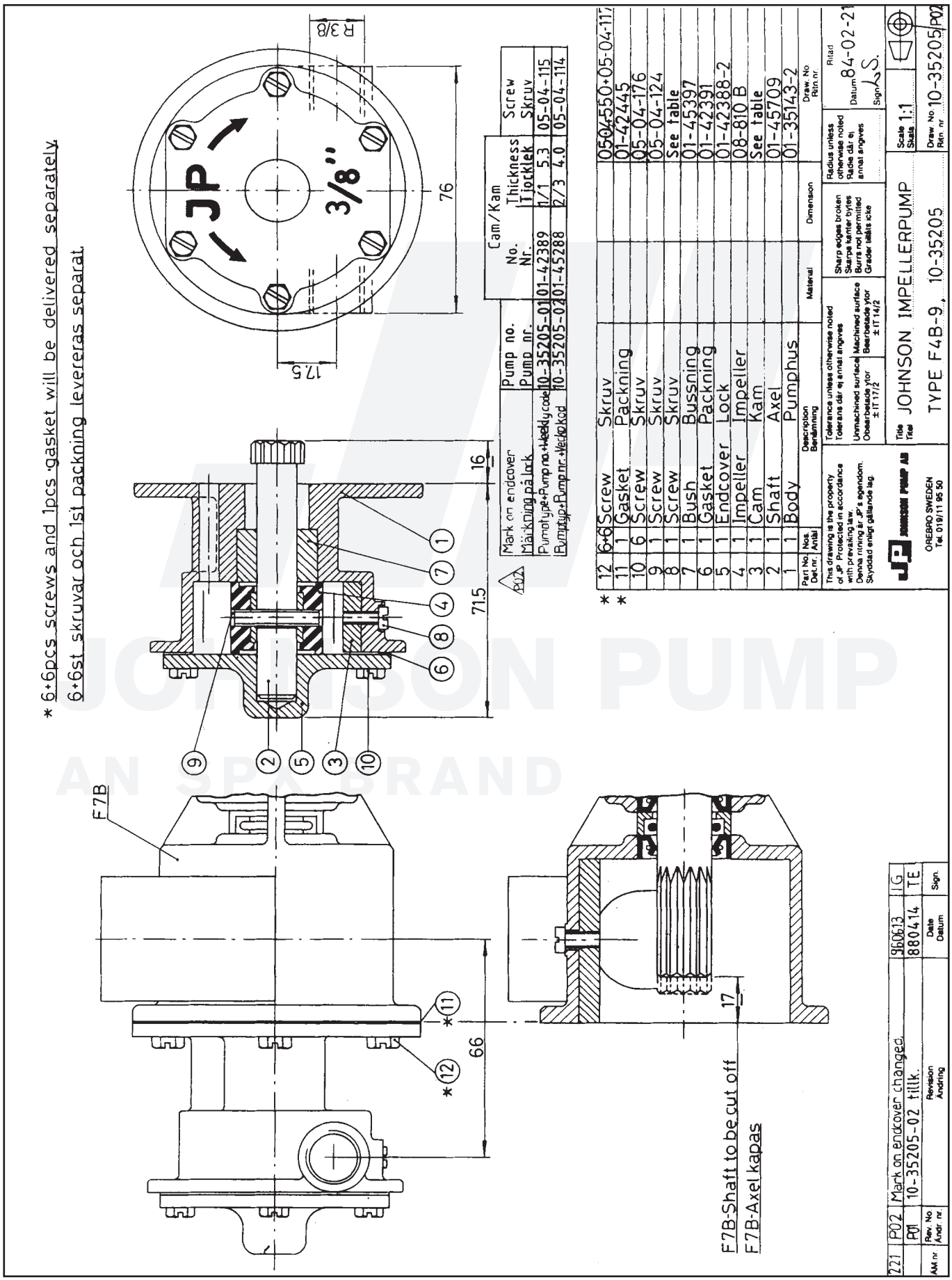
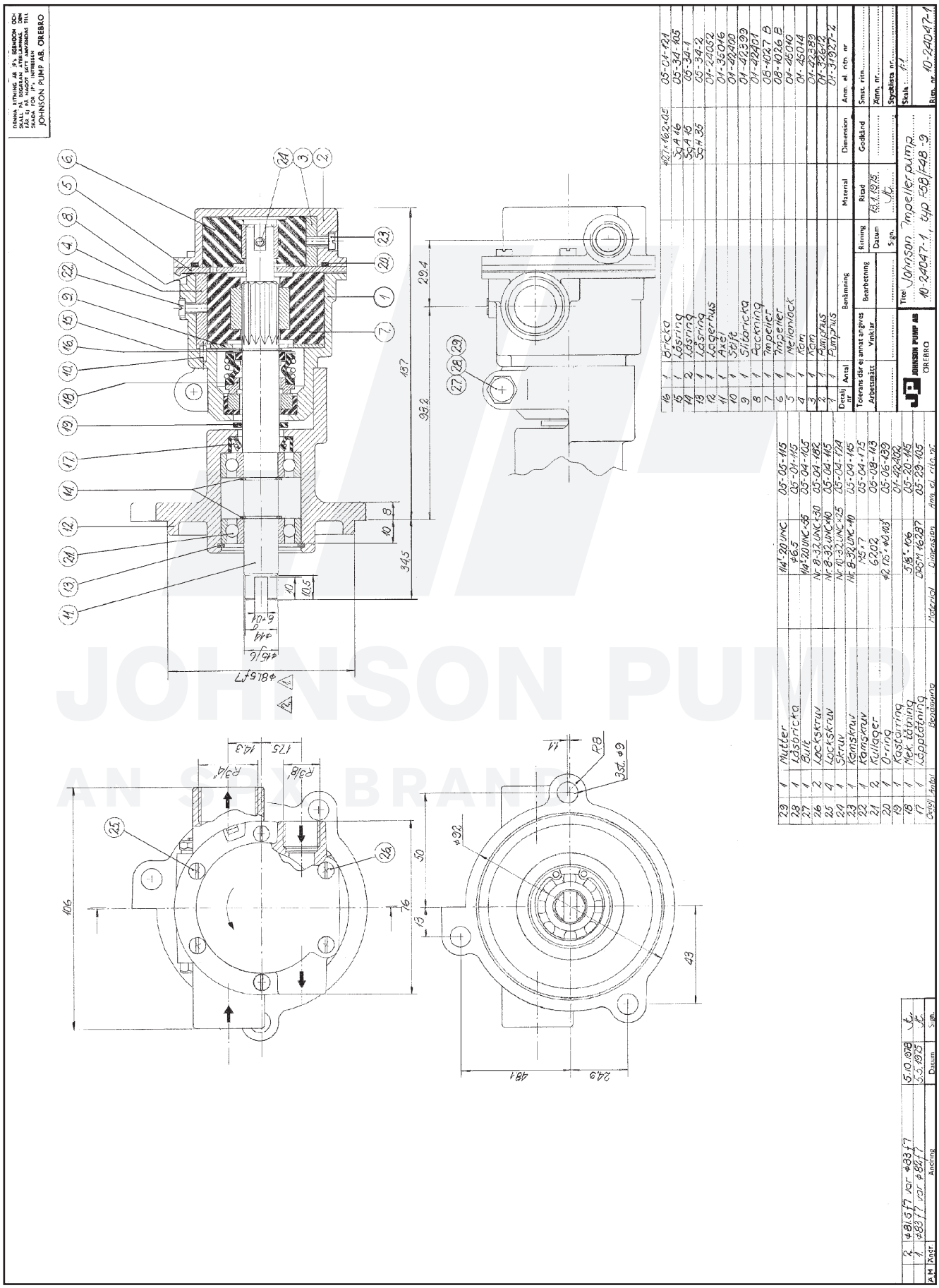
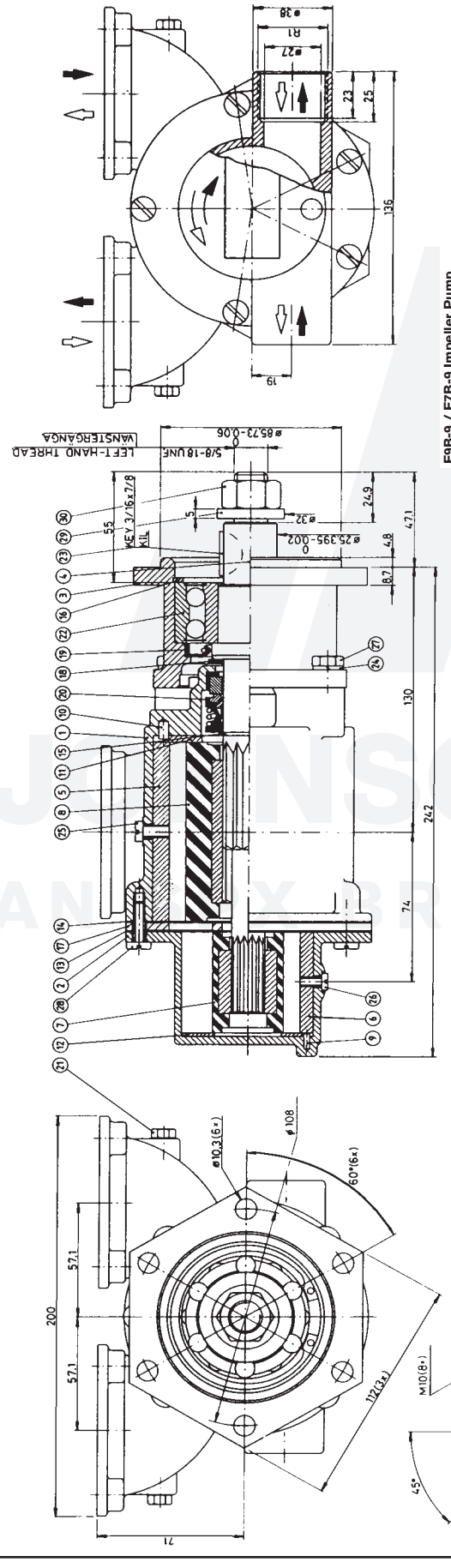


JOHNSON PUMP
AN SPX BRAND

10-24047 pump F5B/F4B-9


JOHNSON PUMP AB ÖREBRO
Titel Johnson impeller pump
10-24047-1 typ F5B/F4B-9
Rim. nr 10-24047-1
Material
Dimension
Anm. el. rit. nr
Smst. rit.
Anm. nr.
Sysältes nr.
Stala
Ändring
Datum
Sign.
Beskrivning
Antal
Del nr
Benämning
Ritad
Godkänd
Bearbetning
Rinning
Datum
Sign.
Vinklar
Arbetsskärt
Toleranser där ej annat anges
Detalj nr
Antal
Material
Dimension
Anm. el. rit. nr
Smst. rit.
Anm. nr.
Sysältes nr.
Stala
Titel
Rim. nr



F9B-9 / F7B-9 Impeller Pump
Art. No. 13064-2

Part no.	Description GB	Position	Quantity
01-13003	BODY F9B	1	1
01-24245	BODY F9B/F7B-9	2	1
01-24246	BEARING HOUSING F7/F8/F9B-9	3	1
01-35214	SHAFT F9B/F7B-9	4	1
01-43137	CAM 1/1 F9B-	5	1
01-42679	CAM 1/1 F7B/F70B	6	1
08-1028B	IMPELLER	7	1
08-802B	IMPELLER	8	1
01-42400	PIN F35B-/F7B/F70B	9	1
01-42426	PIN	10	1
01-42423	WEARPLATE F8/F80/F9/F95B-	11	1
01-42443	WEARPLATE F7B/F70B	12	1
01-45758	GASKET F9B/F7B-9	13	1
01-42424	GASKET F8B/F9B-	14	1
0.0370.525	EXT.CIRCLIP D25 DIN471 ST	15	1
0.0371.072	RETAIN. RING BORE D72 DIN472 SPRST	16	1
01-45755	WASHER F9B/F7B-9	17	1
01-42427-15	SLINGER F8/F9B-	18	1
0.2233.016	LIP SEAL 36X62X7 DPSM	19	1
0.2247.051	MECH.SEAL COMPL 1" 106BT2C1	20	1
0.3431.701	ANGLE CONTACT BEARING 3306 2Z	22	1
01-46352	KEY	23	1
0.0353.309	SPRINGWASH D8.2 DIN127 STZN	24	4
01-46794-02	SCREW 1/4"-20UNCX10 AL.BRONZE	25	1
01-46794-01	SCREW 12-24UNCX9.5 BRASS	26	1
0.0144.002	BOLT 5/16"-18UNCX20 SS1943	27	4
0.0148.001	SCREW 1/4"-20UNCX19 SS1956	28	5
01-46789-06	WASHER D17XD32X5 STZN	29	1
0.0193.001	NUT 5/8"-18UNF LEFT SS1990	30	1

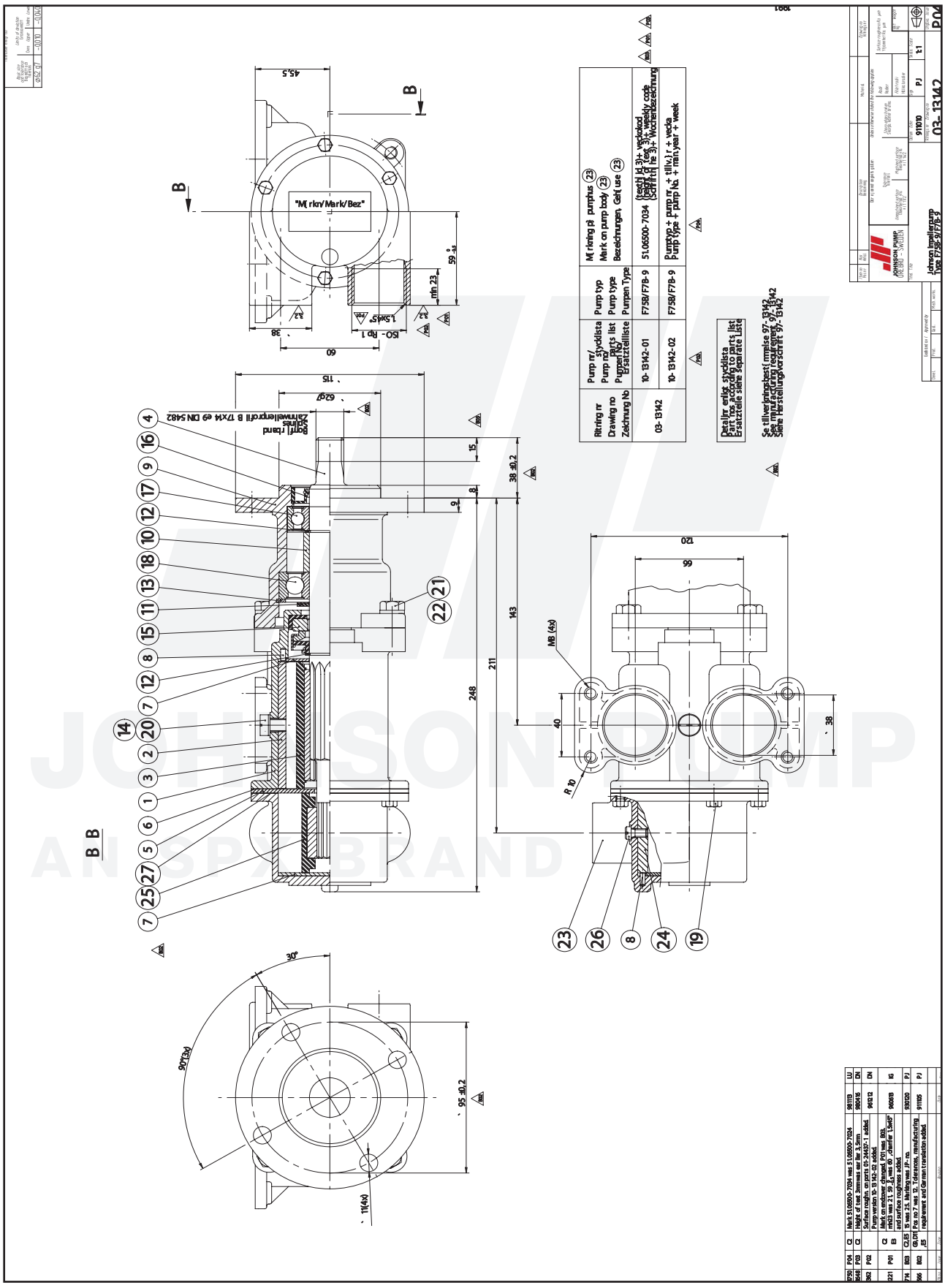
Tillverkas för ej annan ändamål	Konstruerad	Ritad	Godkänd	Instr. nr	
Arkivskåp Ventilator	Skrivning	Datum 96-04-25		Ritn. nr	
	Datum	Sign L.S.		Ersätter nr	
	Sign			Ersatt av	
Tillverkare JOHNSON PUMP	JOHNSON IMPELLERPUMP F7B/F9B			Skala 1:1	10-13064

F75B/ F7B-9 Impeller pump
Art. No. 10-13142-02

Part no.	Description GB	Position	Quantity
01-13123-1	BODY F75B-9	1	1
01-46146	CAM 1/1 F75B	2	1
08-821B	IMPELLER F75B	3	1
01-35702	SHAFT F75B/F7B-9	4	1
01-46361	WASHER F75B/F7B-9	5	1
01-46286	GASKET F75B	6	1
01-42443	WEARPLATE F7B/F70B	7	2
01-42400	PIN F35B-/F7B/F70B	8	1
01-24439-1	BEARING HOUSING F75B/F7B-9	9	1
01-46284-2	SPACER F75B-9	10	1
01-42427-15	SLINGER F8/F9B-	11	1
0.0370.525	EXT. CIRCLIP D25 DIN471 ST	12	2
0.0371.062	RETAIN. RING BORE D62 DIN472 SPRST	13	1
01-46790-02	WASHER D8.2XD14X1 CU	14	1
0.2247.008	MECH.SEAL COMPL FA25.47.14	15	1
0.2233.351	LIP SEAL 25X47X10/7	16	1
0.3431.001	BALL BEARING 6205 2 RS C3 ST	17	1
0.3431.044	BALL BEARING 6305 2RS C3 ST	18	1
0.0138.921	TAP BOLT M5X16 M DIN933 A4	19	6
01-46794-12	SCREW M8X12 AL.BRONZE	20	1
0.0141.918	TAP BOLT M8X25 DIN933 8.8ZP	21	4
0.0353.309	SPRINGWASH D8.2 DIN127 STZN	22	4
01-24437-1	BODY F75B/F7B-9	23	1
01-42679	CAM 1/1 F7B/F70B	24	1
08-1028B	IMPELLER	25	1
01-46794-01	SCREW 12-24UNCX9.5 BRASS	26	1
01-46362	GASKET F75B/F7B-9	27	1
01-46291	GASKET F75B-9	0	1

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB

10-13142 pump F75B-9/F7B-9

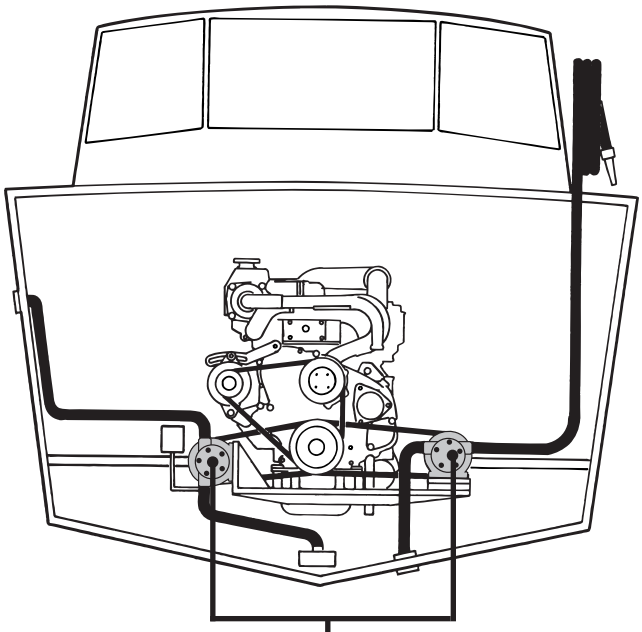


JOHNSON PUMP
AN SPX BRAND

JOHNSON PUMP
AN SPX BRAND

Deck wash & bilge pumps

Clutch Pumps



Engine driven clutch pumps for deck wash and for bilge, -5000/5001 series

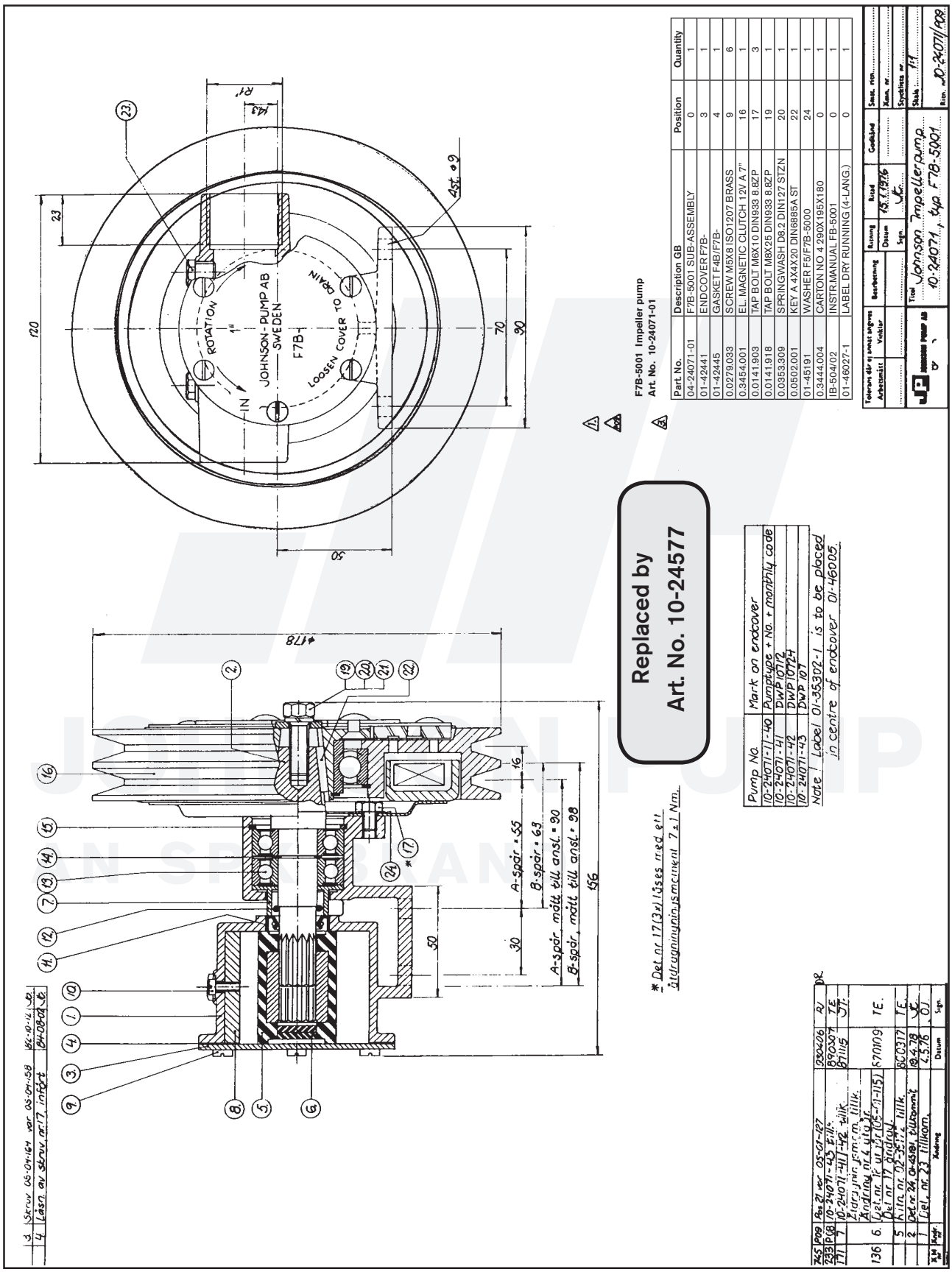
Heavy duty self-priming pumps, which offers high flow rates and can handle bilge debris without damaging the pumps. Supplied with electro-magnetic clutch for remote or automatic control . *Must not be run dry.*

When the impeller pumps are intended for use as bilge pumps Johnson vacuum switch 09-45053 should be installed. The vacuum switch can be operated either manually or automatically.

Deck wash & bilge pumps

Clutch Pumps, -5000/5001 serie

Pump	Art. No.	Page
F7B-5001	10-24071	356
F7B-5000	10-24116	357
F7B-5001 MC	10-24556	359
F7B-5001	10-24577	361
F7B-MC	10-24578	363
F8B-5001	10-13022	365
F8B-5	10-24160	367
F8B-5000	10-13025	369
F8B-5001 MC	10-24559	371
F8B-5000-TSS	10-13176	373
F9B-5000	10-13027	375
F95B-5000	10-13143	377
F9B-5600-TSS	10-13178	379
F9B-5600	10-13226	381
F9B-5	10-24161	383



Part. No.	Description GB	Position	Quantity
04-24071-01	F7B-5001 SUB-ASSEMBLY	0	1
01-42441	ENDCOVER F7B-	3	1
01-42445	GASKET F4B/F7B-	4	1
0.0279.033	SCREW M6X8 ISO1207 BRASS	9	6
0.3454.001	EL. MAGNETIC CLUTCH 12V A 7"	16	1
0.0141.903	TAP BOLT M6X10 DIN933 8.8ZP	17	3
0.0141.918	TAP BOLT M8X25 DIN933 8.8ZP	19	1
0.0353.309	SPRINGWASH D8.2 DIN127 STZN	20	1
0.0502.001	KEY A 4X4X20 DIN6885A ST	22	1
01-45191	WASHER F5/F7B-5000	24	1
0.3444.004	CARTON NO 4 290X195X180	0	1
IB-504/02	INSTR.MANUAL FB-5001	0	1
01-46027-1	LABEL DRY RUNNING (4-LANG.)	0	1

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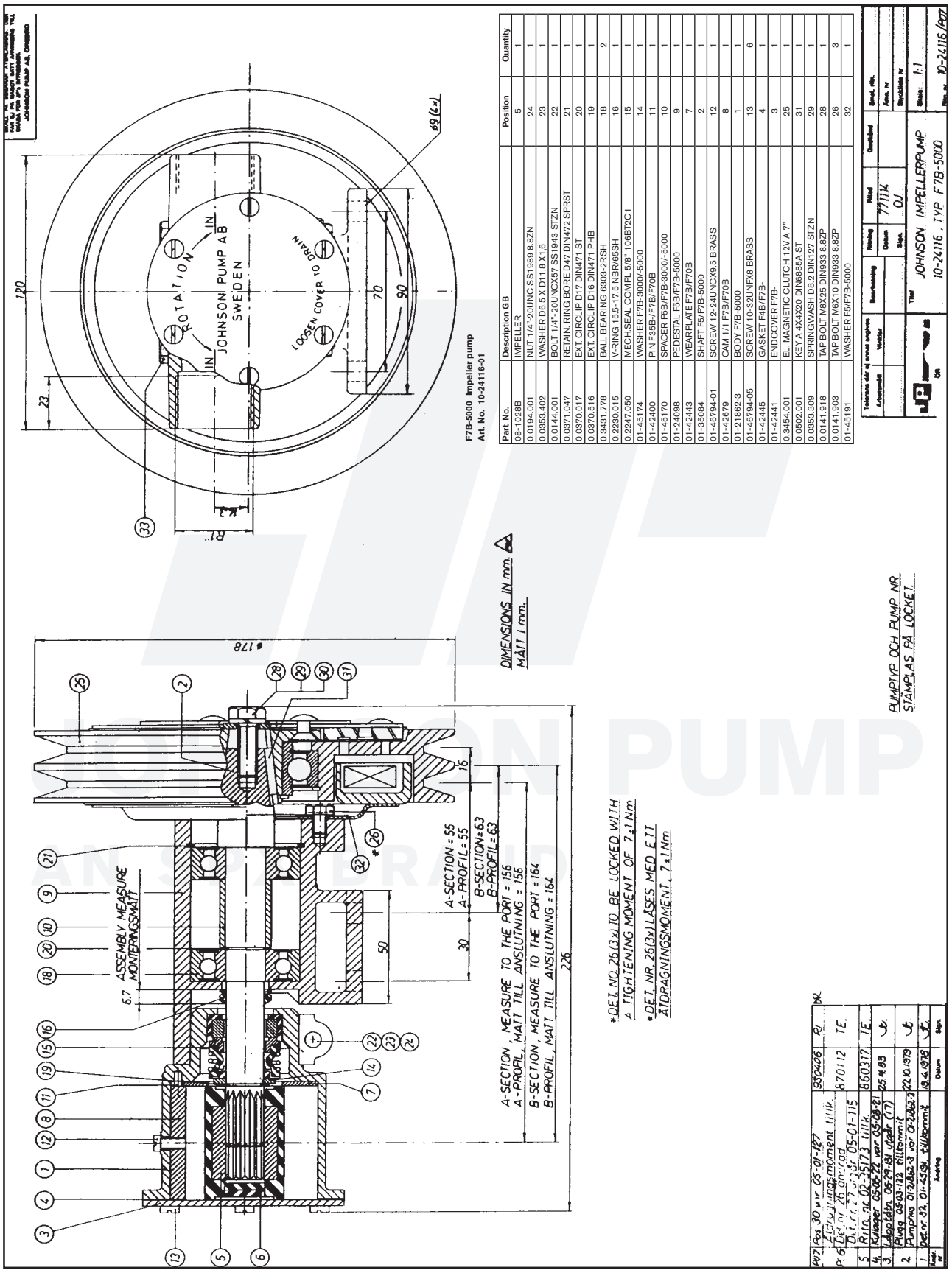

Part. No.	Description GB	Position	Quantity
08-1028B	IMPELLER	5	1
0.0194.001	NUT 1/4"-20UNC SS1969 8.8ZN	24	1
0.0353.402	WASHER D6.5 X D11.8 X 1.6	23	1
0.0144.001	BOLT 1/4"-20UNCX67 SS1943 STZN	22	1
0.0371.047	RETAIN. RING BORE D47 DIN472 SPRST	21	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	20	1
0.0370.516	EXT. CIRCLIP D16 DIN471 PHB	19	1
0.3431.778	BALL BEARING 6303-2RSH	18	2
0.2230.015	V-RING 15.5-17.5 NBR/65SH	16	1
0.2247.050	MECH.SEAL COMPL 5/8" 106BT2C1	15	1
01-45174	WASHER F7B-3000/-5000	14	1
01-42400	PIN F39B-/F7B/F70B	11	1
01-45170	SPACER F6B/F7B-3000/-5000	10	1
01-24098	PEDESTAL F6B/F7B-5000	9	1
01-42443	WEARPLATE F7B/F70B	7	1
01-35084	SHAFT F5/F7B-5000	2	1
01-46794-01	SCREW 12-24UNCX9.5 BRASS	12	1
01-42679	CAM 1/1 F7B/F70B	8	1
01-21862-3	BODY F7B-5000	1	1
01-46794-05	SCREW 10-32UNFX8 BRASS	13	6
01-42445	GASKET F4B/F7B-	4	1
01-42441	ENDCOVER F7B-	3	1
0.3454.001	EL. MAGNETIC CLUTCH 12V A 7"	25	1
0.0502.001	KEY A 4X4X20 DIN6885A ST	31	1
0.0353.309	SPRINGWASH D8.2 DIN127 STZN	29	1
0.0141.918	TAP BOLT M8X25 DIN933 8.8ZP	28	1
0.0141.903	TAP BOLT M6X10 DIN933 8.8ZP	26	3
01-45191	WASHER F5/F7B-5000	32	1

Tolerans där ej annat anges	Ritning	Ritad	Granskad	Ändr. nr.
Anfasmått / Vinklar	Datum	771114		Kons. nr
	Sign.	OJ		Styrskiss nr

Titel: JOHNSON IMPELLERPUMP 10-24116, TYP F7B-5000

Skala: 1:1

Ritn. nr 10-24116 /xxx

Ändr. nr	Ändring	Datum	Sign.
1	Dec.nr 32, 01-45191 tillkommit	18.4.1978	J.E.
2	Pumpnrs 01-21862-3 var 0K2462-3	22.10.1979	J.E.
3	Lagerstån. 06.29.91 utgår (17)	05 4 83	J.E.
4	Krängn 05.06.92 var 05-01-21	860317	T.E.
5	Ritn nr 02-35173 tillk.	870112	T.E.
6	Dec.nr 29 ändrad fr 05-01-115		
7	Pos 30 utg nr 05-01-127	950406	PJ
8	Fästmutterns moment tillk.		DR

JOHNSON PUMP
ANSPX BRAND

F7B-5001 MC Impeller pump
Art No. 10-24556-02

Part No	Description GB	Position	Quantity
04-35879-2	PUMP BODY F7B MC SUB ASSEMBLY	1	1
01-35865	SHAFT F7B-5001/50017 MC	2	1
01-42441	ENDCOVER F7B-	3	1
08-1028B	IMPELLER	4	1
01-42445	GASKET F4B/F7B-	5	1
01-42679	CAM 1/1 F7B/F70B	6	1
01-45046	PLATE F5/F7B-8/-5001	7	1
0.0279.033	SCREW M5X8 ISO1207 BRASS	8	6
01-46794-01	SCREW 12-24UNCX9.5 BRASS	9	1
0.2233.001	LIP SEAL 16X28X7 DPSM	10	1
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	11	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	12	2
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	13	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	14	1
01-46027-1	LABEL DRY RUNNING (4-LANG.)	15	1
01-35876	CLUTCH CARRIER	16	1
01-46732	DISTANCE RING F7B MC	17	1
01-46730	SPRING F7B/F8B MC	18	1
01-35867	SHAFT HUB	19	1
01-35863	PULLEY	20	1
01-46712	PIN F7B/F8B MC	21	3
01-35864	CLUTCH CONE	22	1
01-46709	SPRING	23	1
01-46713	SPRING HOLDER F7B/F8B MC	24	1
01-46714	SLEEVE F7B/F8B MC	25	2
0.3447.001	LEVER GN310 AN 125-M10	26	1
0.3433.001	BALL RB-7.5G20 ISO3290-1975 ST	27	1
0.0502.025	KEY A 6X6X25 DIN6885A ST	28	2
0.3431.740	BALL BEARING 6008-2RS1	29	1
0.0370.040	EXT. CIRCLIP D40 DIN471 ST	30	1
0.0371.068	RETAIN. RING BORE D68 DIN472 SPRST	31	1
0.0356.002	WASHER D8.4XD26X5 SS1466 STZN	32	1
0.0141.915	TAP BOLT M8X14 DIN933 8.8ZN	33	1
0.0141.918	TAP BOLT M8X25 DIN933 STZN	34	2
0.0300.742	SET SCREW M6X6 DIN916 A2	35	1

F7B-5001 MC Impeller pump
Art No. 10-24556-01

Part No	Description GB	Position	Quantity
04-35895-1	PUMP BODY F7B MC SUB ASSEMBLE	1	1
01-35865	SHAFT F7B-5001/50017 MC	2	1
01-42441	ENDCOVER F7B-	3	1
08-1028B	IMPELLER	4	1
01-42445	GASKET F4B/F7B-	5	1
01-42679	CAM 1/1 F7B/F70B	6	1
01-45046	PLATE F5/F7B-8/-5001	7	1
0.0279.033	SCREW M5X8 ISO1207 BRASS	8	6
01-46794-01	SCREW 12-24UNCX9.5 BRASS	9	1
0.2233.001	LIP SEAL 16X28X7 DPSM	10	1
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	11	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	12	2
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	13	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	14	1
01-46027-1	LABEL DRY RUNNING (4-LANG.)	15	1
01-35876	CLUTCH CARRIER	16	1
01-46732	DISTANCE RING F7B MC	17	1
01-46730	SPRING F7B/F8B MC	18	1
01-35867	SHAFT HUB	19	1
01-35863	PULLEY	20	1
01-46712	PIN F7B/F8B MC	21	3
01-35864	CLUTCH CONE	22	1
01-46709	SPRING	23	1
01-46713	SPRING HOLDER F7B/F8B MC	24	1
01-46714	SLEEVE F7B/F8B MC	25	2
0.3447.001	LEVER GN310 AN 125-M10	26	1
0.3433.001	BALL RB-7.5G20 ISO3290-1975 ST	27	1
0.0502.025	KEY A 6X6X25 DIN6885A ST	28	2
0.3431.740	BALL BEARING 6008-2RS1	29	1
0.0370.040	EXT. CIRCLIP D40 DIN471 ST	30	1
0.0371.068	RETAIN. RING BORE D68 DIN472 SPRST	31	1
0.0356.002	WASHER D8.4XD26X5 SS1466 STZN	32	1
0.0141.915	TAP BOLT M8X14 DIN933 8.8ZN	33	1
0.0141.918	TAP BOLT M8X25 DIN933 STZN	34	2
0.0300.742	SET SCREW M6X6 DIN916 A2	35	1

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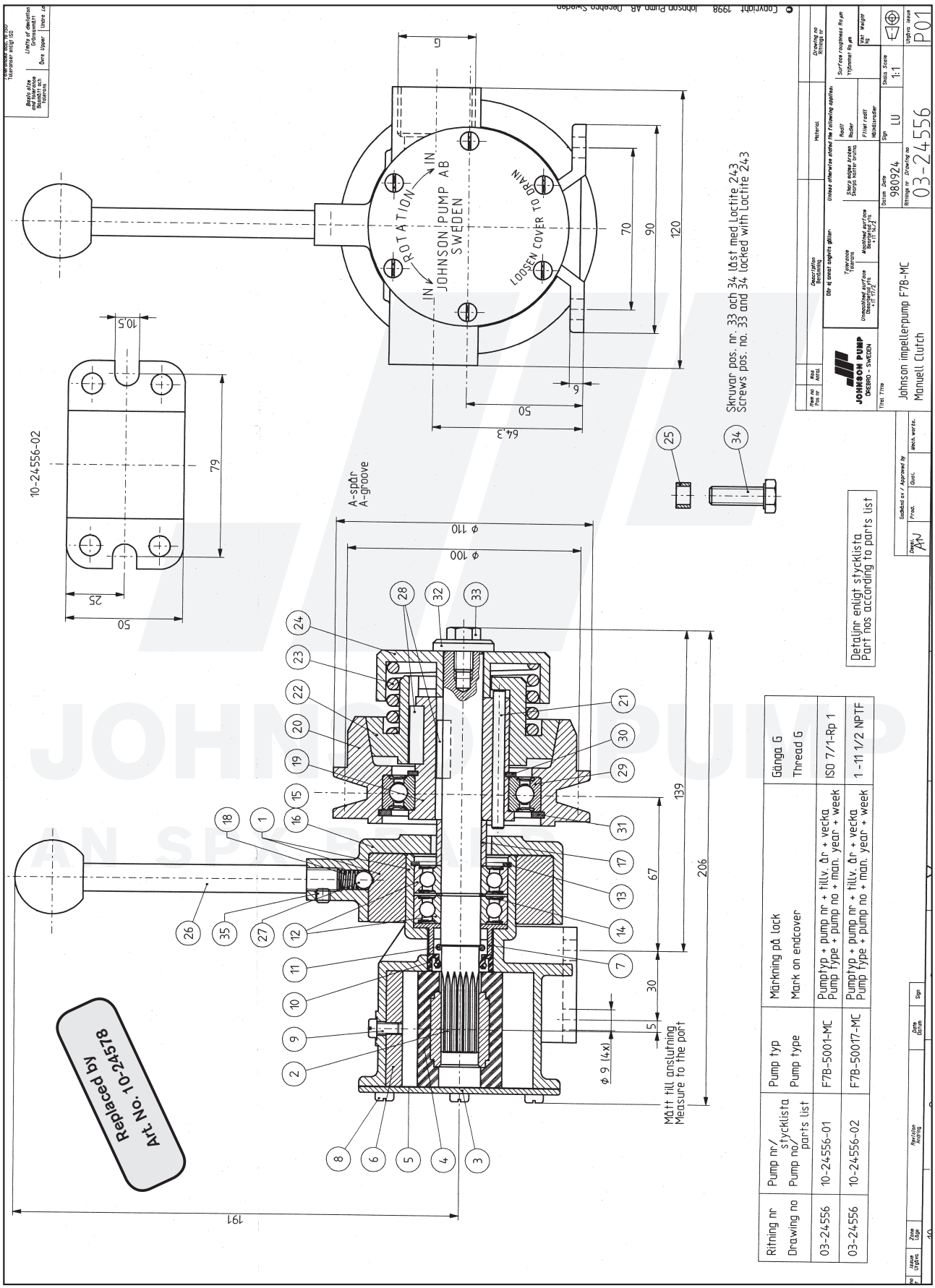
Replaced by
Art. No. 10-24578
Skruvar pos. nr. 33 och 34 låst med Loctite 243
Screws pos. no. 33 and 34 locked with Loctite 243
A-spår
A-groove
Detaljnr enligt stycklista
Part nos according to parts list
Mått till anslutning
Measure to the port
Johnson impellerpump F7B-MC
Manuell Clutch
JOHNSON PUMP
ÖREBRO - SWEDEN
Ritning nr
Drawing no
03-24556
Pump nr/ stycklista
Pump no/ parts list
Pump typ
Pump type
Märkning på lock
Mark on endcover
Gänga G
Thread G
10-24556-01
F7B-5001-MC
Pumptyp + pump nr + tillv. år + vecka
Pump type + pump no + man. year + week
ISO 7/1-Rp 1
10-24556-02
F7B-50017-MC
Pumptyp + pump nr + tillv. år + vecka
Pump type + pump no + man. year + week
1-11 1/2 NPTF

F7B-5001 Impeller pump
Art. No. 10-24577-99

Part no.	Description GB	Position	Quantity
01-24574-1	BODY F7B-5001	1	1
01-46745	SHAFT F7B-5001	2	1
01-46648-3	ENDCOVER F7B	3	1
08-1028B	IMPELLER	4	1
01-42679	CAM 1/1 F7B/F70B	5	1
01-42400	PIN F35B-/F7B/F70B	6	1
01-46798-2	WEAR PLATE F7B	7	1
01-45680	WASHER F5B/F6B/F7B	8	1
01-46009	SPACER F7B-9	9	1
0.0279.301	SCREW M5X8 ISO1207 A4	10	6
01-46794-01	SCREW 12-24UNCX9.5 BRASS	11	1
0.2172.012	O-RING 63,22X1,78 NBR70	12	1
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	13	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	14	2
0.2247.022	MECH.SEAL COMPL D16	15	1
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	16	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	17	1
0.0370.516	EXT. CIRCLIP D16 DIN471 PHB	18	1
01-46797	LABEL	19	1
09-46436	ASS. KIT F. CLUTCH F5/F7	27	1

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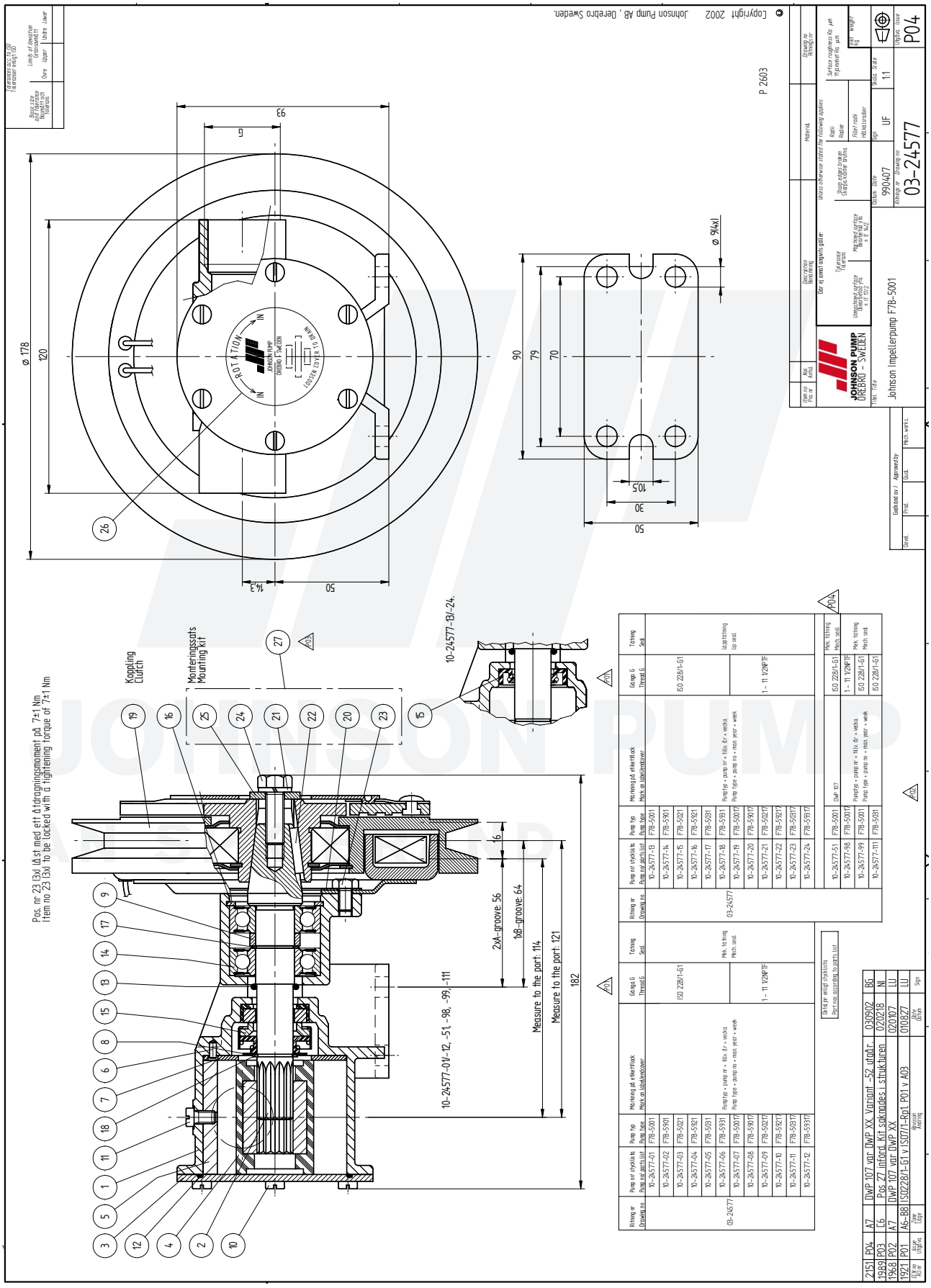
Johnson Impellerpump F7B-5001
03-24577
P04
Pos. nr 23 i 3x1 låst med ett åtdragningsmoment på 7±1 Nm
Item no 23 in 3x1 to be locked with a tightening torque of 7±1 Nm
Koppling
Clutch
Monteringssats
Mounting kit
10-24577-01/-12, -51, -98, -99, -111
Measure to the port: 114
Measure to the port: 121
182
2xA-groove: 56
1xB-groove: 64
16
10-24577-13/-24.
ø 178
120
93
50
14,3
ø 94xJ
90
79
70
105
30
50
P 2603
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F7B-5001 MC Impeller pump
Art. No. 10-24578-03

Part No.	Description GB	Position	Quantity
04-35895-1	PUMP BODY F7B MC SUB ASSEMBLE	1	1
01-35894	SHAFT F7B-8-MC	2	1
01-46648-3	ENDCOVER F7B	3	1
08-1028B	IMPELLER	4	1
01-42400	PIN F35B-/F7B/F70B	5	1
01-42679	CAM 1/1 F7B/F70B	6	1
01-46798-2	WEAR PLATE F7B	7	1
01-45680	WASHER F5B/F6B/F7B	8	1
01-46009	SPACER F7B-9	9	1
0.0279.301	SCREW M5X8 ISO1207 A4	10	6
01-46794-01	SCREW 12-24UNCX9.5 BRASS	11	1
0.2247.022	MECH.SEAL COMPL D16	12	1
0.2172.012	O-RING 63,22X1,78 NBR70	13	1
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	14	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	15	2
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	16	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	17	1
0.0370.516	EXT. CIRCLIP D16 DIN471 PHB	18	1
01-46027-1	LABEL DRY RUNNING (4-LANG.)	19	1
01-35876	CLUTCH CARRIER	20	1
01-46732	DISTANCE RING F7B MC	21	1
01-46730	SPRING F7B/F8B MC	22	1
01-35867	SHAFT HUB	23	1
01-35863	PULLEY	24	1
01-46712	PIN F7B/F8B MC	25	3
01-35864	CLUTCH CONE	26	1
01-46709	SPRING	27	1
01-46713	SPRING HOLDER F7B/F8B MC	28	1
01-46714	SLEEVE F7B/F8B MC	29	2
0.3447.001	LEVER GN310 AN 125-M10	30	1
0.3433.001	BALL RB-7.5G20 ISO3290-1975 ST	31	1
0.0502.025	KEY A 6X6X25 DIN6885A ST	32	2
0.3431.740	BALL BEARING 6008-2RS1	33	1
0.0370.040	EXT. CIRCLIP D40 DIN471 ST	34	1
0.0371.068	RETAIN. RING BORE D68 DIN472 SPRST	35	1
0.0356.002	WASHER D8.4XD26X5 SS1466 STZN	36	1
0.0141.915	TAP BOLT M8X14 DIN933 8.8ZN	37	1
0.0141.918	TAP BOLT M8X25 DIN933 STZN	38	2
0.0300.742	SET SCREW M6X6 DIN916 A2	39	1
01-46797	LABEL	40	1

F7B-50017 MC Impeller pump
Art. No. 10-24578-04

Part No.	Description GB	Posotion	Quantity
04-35895-2	PUMP BODY F7B MC SUB ASSEMBLY	1	1
01-35894	SHAFT F7B-8-MC	2	1
01-46648-3	ENDCOVER F7B	3	1
08-1028B	IMPELLER	4	1
01-42400	PIN F35B-/F7B/F70B	5	1
01-42679	CAM 1/1 F7B/F70B	6	1
01-46798-2	WEAR PLATE F7B	7	1
01-45680	WASHER F5B/F6B/F7B	8	1
01-46009	SPACER F7B-9	9	1
0.0279.301	SCREW M5X8 ISO1207 A4	10	6
01-46794-01	SCREW 12-24UNCX9.5 BRASS	11	1
0.2247.022	MECH.SEAL COMPL D16	12	1
0.2172.012	O-RING 63,22X1,78 NBR70	13	1
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	14	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	15	2
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	16	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	17	1
0.0370.516	EXT. CIRCLIP D16 DIN471 PHB	18	1
01-46027-1	LABEL DRY RUNNING (4-LANG.)	19	1
01-35876	CLUTCH CARRIER	20	1
01-46732	DISTANCE RING F7B MC	21	1
01-46730	SPRING F7B/F8B MC	22	1
01-35867	SHAFT HUB	23	1
01-35863	PULLEY	24	1
01-46712	PIN F7B/F8B MC	25	3
01-35864	CLUTCH CONE	26	1
01-46709	SPRING	27	1
01-46713	SPRING HOLDER F7B/F8B MC	28	1
01-46714	SLEEVE F7B/F8B MC	29	2
0.3447.001	LEVER GN310 AN 125-M10	30	1
0.3433.001	BALL RB-7.5G20 ISO3290-1975 ST	31	1
0.0502.025	KEY A 6X6X25 DIN6885A ST	32	2
0.3431.740	BALL BEARING 6008-2RS1	33	1
0.0370.040	EXT. CIRCLIP D40 DIN471 ST	34	1
0.0371.068	RETAIN. RING BORE D68 DIN472 SPRST	35	1
0.0356.002	WASHER D8.4XD26X5 SS1466 STZN	36	1
0.0141.915	TAP BOLT M8X14 DIN933 8.8ZN	37	1
0.0141.918	TAP BOLT M8X25 DIN933 STZN	38	2
0.0300.742	SET SCREW M6X6 DIN916 A2	39	1
01-46797	LABEL	40	1

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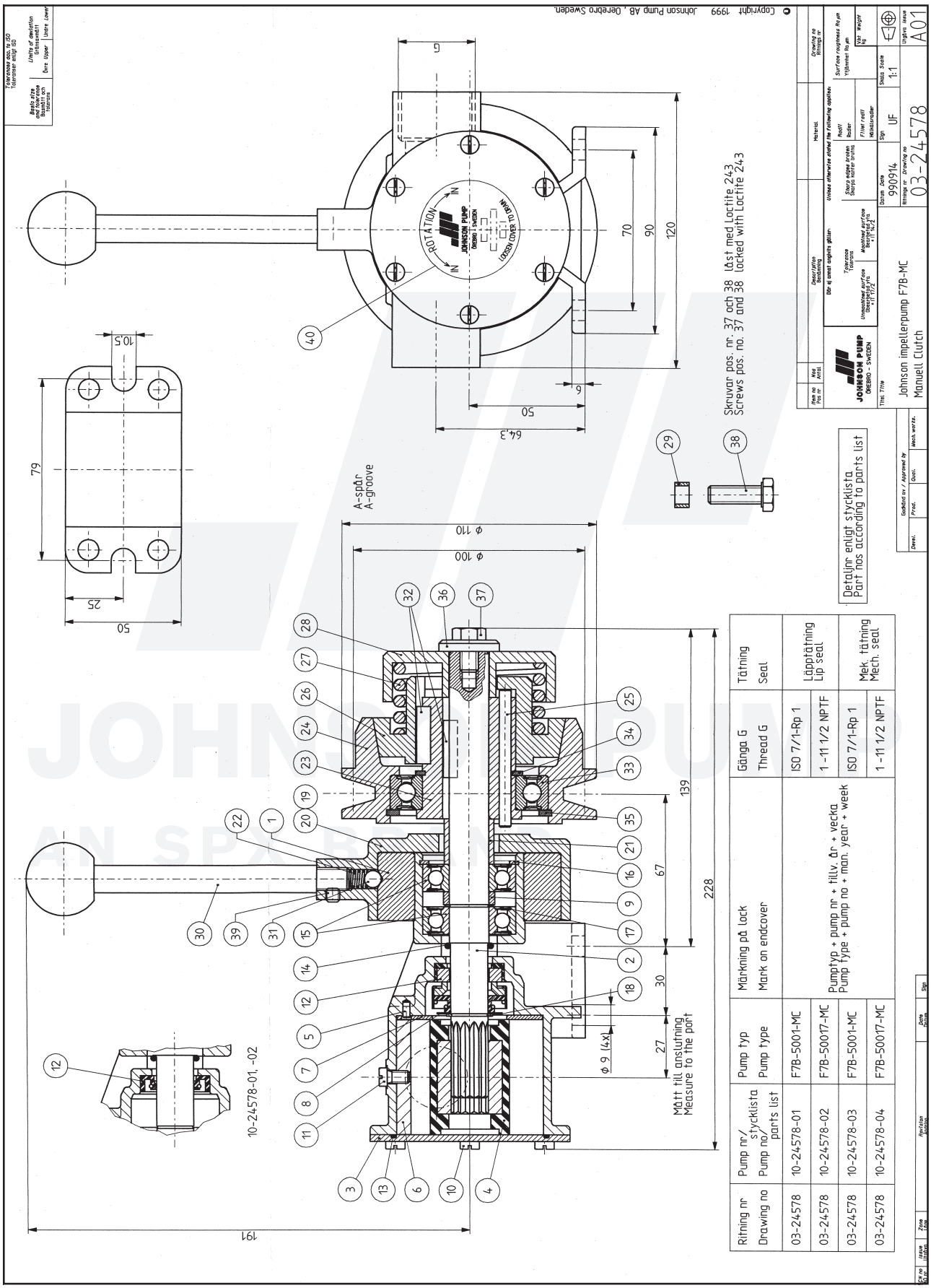
Johnson impellerpump F7B-MC
Manuell Clutch
JOHNSON PUMP
ÖREBRO - SWEDEN
Detaljnr enligt stycklista
Part nos according to parts list
Skruvar pos. nr. 37 och 38 låst med Loctite 243
Screws pos. no. 37 and 38 locked with Loctite 243
A-spår
A-groove
Mått till anslutning
Measure to the port
10-24578-01, -02
Pumptyp + pump nr + tillv. år + vecka
Pump type + pump no + man. year + week
Märkning på lock
Mark on endcover
Gänga G
Thread G
Tätning
Seal
Läpptätning
Lip seal
Mek. tätning
Mech. seal
ISO 7/1-Rp 1
1 -11 1/2 NPTF
Pump nr/ stycklista
Pump no/ parts list
Pump typ
Pump type
Ritning nr
Drawing no
10-24578-01
F7B-5001-MC
10-24578-02
F7B-50017-MC
10-24578-03
F7B-5001-MC
10-24578-04
F7B-50017-MC
03-24578
ROTATION
JOHNSON PUMP
LOCKED COVER
TO DRAIN
IN
OUT
Copyright 1999 Johnson Pump AB, Örebro Sweden.

F8B-5001 Impeller pump w/o clutch
Art. No. 10-13022-99

Service Kit 09-45575

Part. No	Description GB	Position	Quantity
01-13164-1	BODY F8B-8/5001	1	1
01-35136	SHAFT F8B-5001	2	1
01-42680	CAM 1/1 F8B-	3	1
08-819B	IMPELLER F8B-9	4	1
01-42422-1	ENDCOVER F8B/F9B-	5	1
01-42424	GASKET F8B/F9B-	6	1
01-42423	WEARPLATE F8/F80/F9/F95B-	7	1
01-42426	PIN	8	1
01-45374	SPACER F8B-8/-5001	9	1
0.3431.780	BALL BEARING 6305-2RS1	11	2
0.0371.062	RETAIN. RING BORE D62 DIN472 SPRST	12	1
0.0138.134	TAPBOLT M6X12 DIN933 A2	13	5
01-46794-02	SCREW 1/4"-20UNCX10 AL.BRONZE	14	1
0.2247.008	MECH.SEAL COMPL FA25.47.14	17	1
0.0370.525	EXT. CIRCLIP D25 DIN471 ST	18	1
01-35144-2	ADAPTOR F8/F9B-5000	25	1
0.0300.566	SETSCREW M8X12 DIN916 A2	26	3
0.2172.573	O-RING 23.4X3.53 BS1806 NBR70	27	1
0.0370.025	EXT. CIRCLIP D25 DIN471 ST	29	1
09-46437	ASS. KIT F. CLUTCH F8/F9/F95	0	1

Pump type	Part No.	Connection	Seal
F8B-5001	10-13022-99	BSP 1 ½"	Mechanical Seal
F8B-50017	10-13022-98	NPTF 1 ½"-11 ½	Mechanical Seal
F8B-50017	10-13022-96	NPTF 1 ½"-11 ½	Mechanical Seal
F8B-50017	10-13022-95	NPTF 1 ¼"-11 ½	Mechanical Seal

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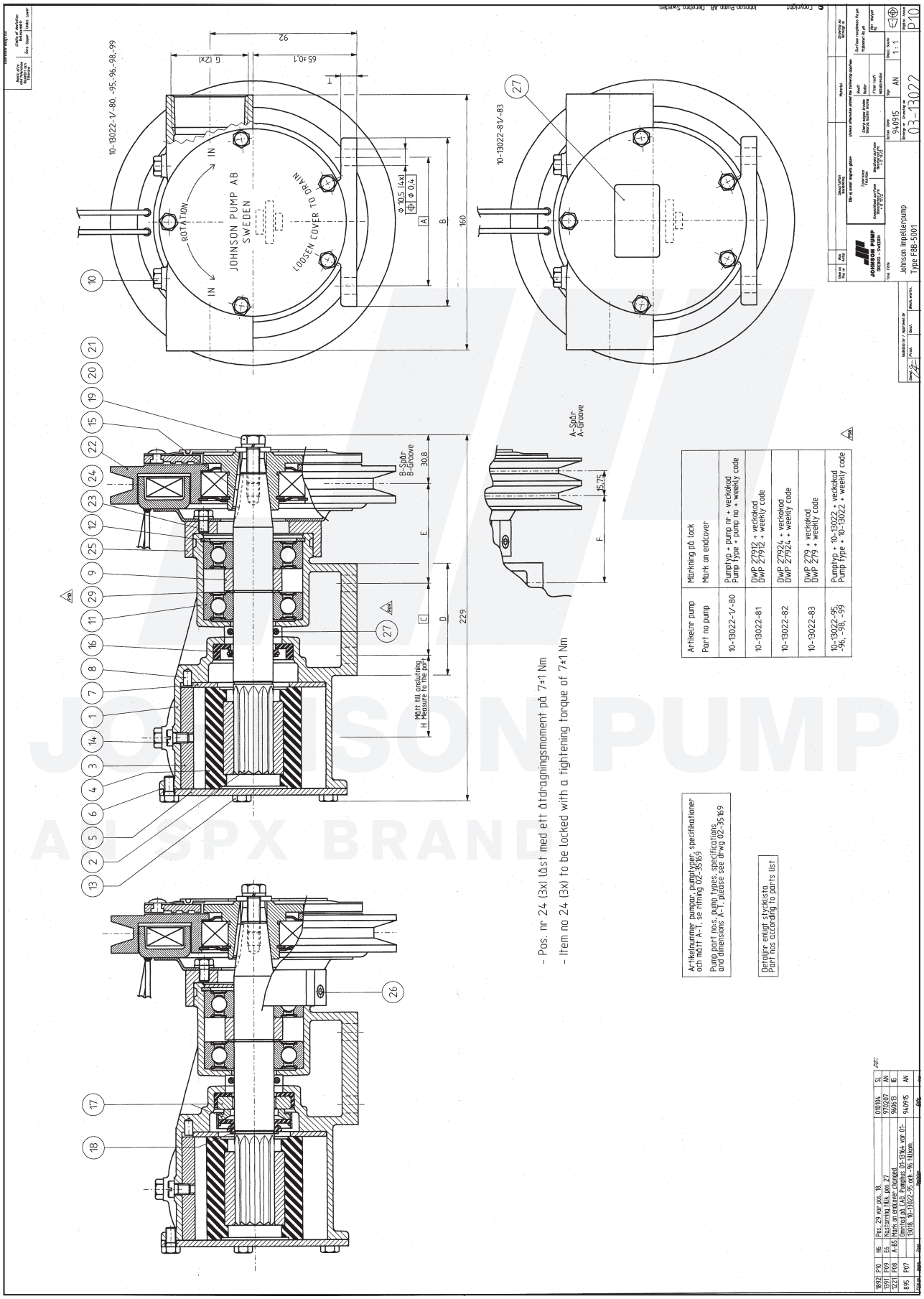

JOHNSON PUMP
A SPX BRAND

F8B-5 Impeller pump
Art. No. 10-24160-1

Part No.	Description GB	Position	Quantity
01-11206	BODY F8B-	1	1
01-35163-1	ENDCOVER F8B-9/F8B-5 OEM	2	1
01-35138	SHAFT F8/F9B-5000	3	1
01-42680	CAM 1/1 F8B-	4	1
08-1029B	IMPELLER	5	1
01-42424	GASKET F8B/F9B-	6	1
01-42426	PIN	7	1
01-42423	WEARPLATE F8/F80/F9/F95B-	8	1
01-13020	PEDESTAL F8/F9B-3000/-5000	9	1
01-42747	SPACER F8/F9	10	1
01-35144-1	ADAPTOR F8/F9B-5 OEM	11	1
0.2230.319	V-GASKET V 25A NBR70	12	1
0.2247.051	MECH.SEAL COMPL 1” 106BT2C1	13	1
0.3431.780	BALL BEARING 6305-2RS1	14	2
0.0371.062	RETAIN. RING BORE D62 DIN472 SPRST	15	1
0.0370.525	EXT. CIRCLIP D25 DIN471 ST	16	2
0.3454.004	EL. MAGNETIC CLUTCH 24V B 7”	17	1
0.0502.001	KEY A 4X4X20 DIN6885A ST	18	1
0.0353.309	SPRINGWASH D8.2 DIN127 STZN	19	5
0.0141.918	TAP BOLT M8X25 DIN933 8.8ZP	21	1
0.0300.566	SETSCREW M8X12 DIN916 A2	22	3
0.0353.402	WASHER D6,5 X D11,8 X1,6	0	3
0.0141.903	TAP BOLT M6X10 DIN933 8.8ZP	0	3
0.0144.002	BOLT 5/16”-18UNCX20 SS1943	0	4
01-46794-02	SCREW 1/4”-20UNCX10 AL.BRONZE	0	1
0.0144.200	BOLT 1/4”-20UNCX1/2” SS1943 A4	0	5
0.3452.100	SCREWED HOSE JOINT SCHLEMMER	0	1
0.3452.101	HOSE D13XD9.9 SCHLEMMER1200100	0	1
01-46027-1	LABEL DRY RUNNING (4-LANG.)	0	1

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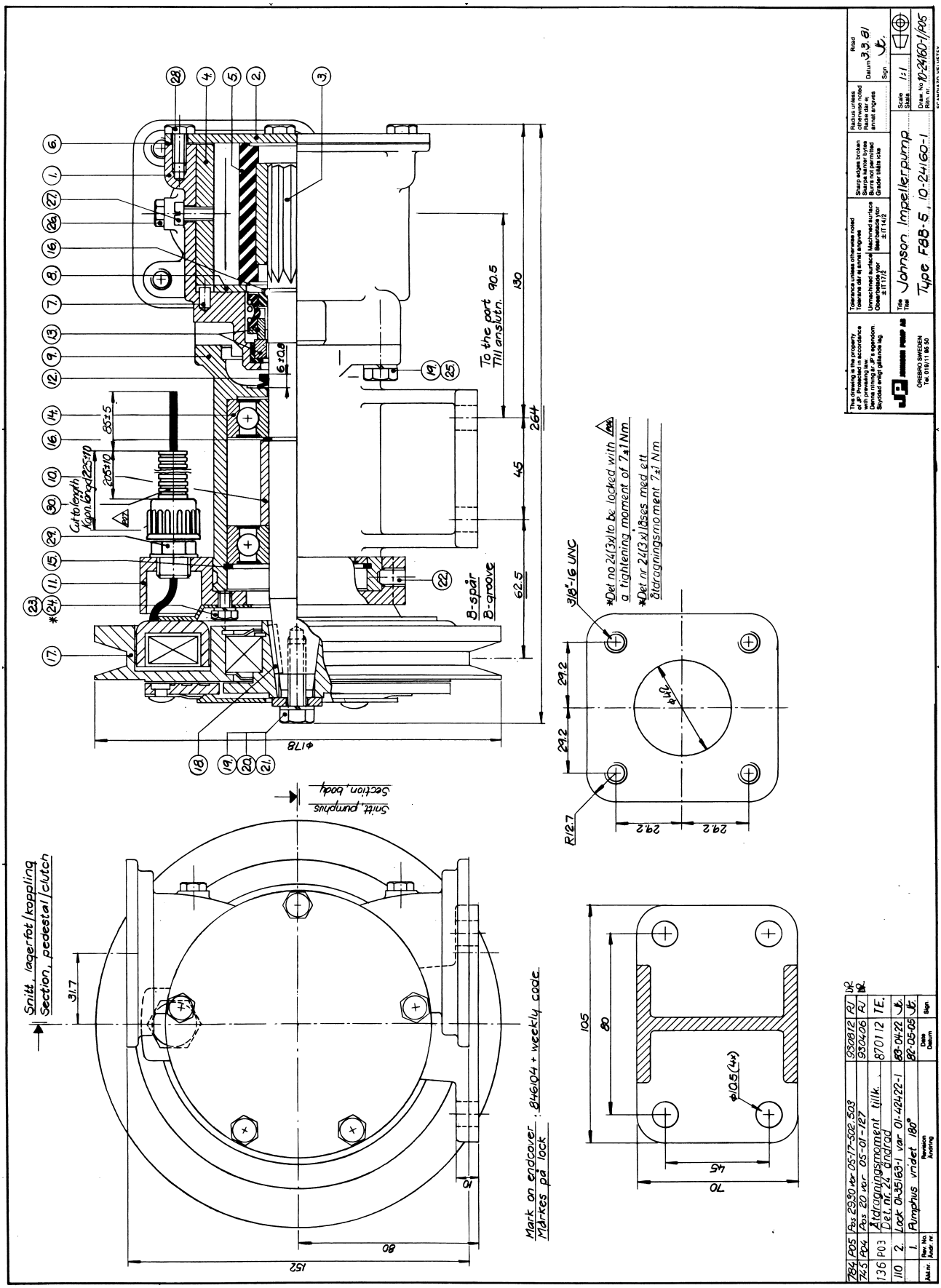
Type F8B-5, 10-24160-1
Johnson Impellerpump
Snitt, lagerfot/koppling
Section, pedestal/clutch
Snitt, pumphus
Section, body
Mark on endcover : BJ6104 + weekly code
Märkes på lock
To the port
Till anslutn.
B-spår
B-groove
*Det nr 24(3x) låses med ett åtdragningsmoment 7±1 Nm
*Det nr 24(3x) to be locked with a tightening moment of 7±1 Nm
3/8"-16 UNC
Cut to length
Kapn. till längd
Ritad
Datum 3.3.81
Scale
Skala 1:1
Drw. No 10-24160-1/P05
Rev. No
Ändr. nr
Datum
Sign
Revision
Ändring
P05 Pos 2930 ver 05-17-502.508 830812 RJ
P04 Pos 20 ver 05-01-127 830406 RJ
P03 Åtdragningsmoment tillk. 870112 TE.
Det. nr 24 ändrad
110 2. Lock 0A35163-1 var 01-42422-1 83-04-22
1. Pumphus vridet 180° 82-05-05

JOHNSON PUMP
AN SPX BRAND

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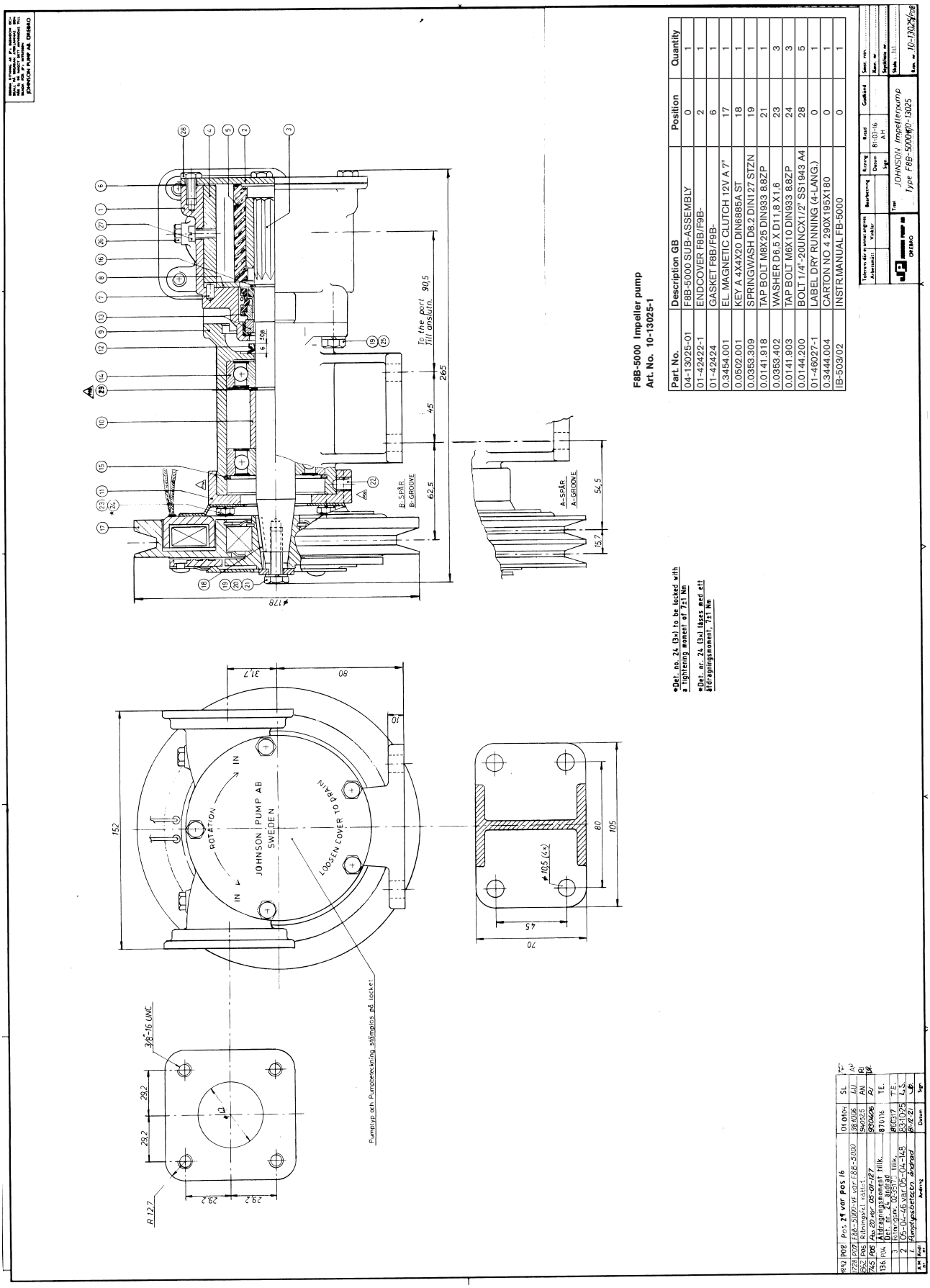
F8B-5000 Impeller pump
Art. No. 10-13025-1
Part. No. | Description GB | Position | Quantity
04-13025-01 | F8B-5000 SUB-ASSEMBLY | 0 | 1
01-42422-1 | ENDCOVER F8B/F9B- | 2 | 1
01-42424 | GASKET F8B/F9B- | 6 | 1
0.3454.001 | EL. MAGNETIC CLUTCH 12V A 7" | 17 | 1
0.0502.001 | KEY A 4X4X20 DIN6885A ST | 18 | 1
0.0353.309 | SPRINGWASH D8.2 DIN127 STZN | 19 | 1
0.0141.918 | TAP BOLT M8X25 DIN933 8.8ZP | 21 | 1
0.0353.402 | WASHER D6.5 X D11.8 X1.6 | 23 | 3
0.0141.903 | TAP BOLT M6X10 DIN933 8.8ZP | 24 | 3
0.0144.200 | BOLT 1/4" 20UNCX1/2" SS1943 A4 | 28 | 5
01-46027-1 | LABEL DRY RUNNING (4-LANG.) | 0 | 1
0.3444.004 | CARTON NO 4 290X195X180 | 0 | 1
IB-503/02 | INSTR.MANUAL FB-5000 | 0 | 1
*Det. no. 24 (3x) to be locked with a Tightening moment of 7±1 Nm
*Det. nr. 24 (3x) låses med ett åtdragningsmoment, 7±1 Nm
To the port fill onsiath. 90,5
265
45
62,5
B-SPÄR
B-GROOVE
A-SPÄR
A-GROOVE
54,5
15,7
178
ROTATION
IN
JOHNSON PUMP AB
SWEDEN
LOOSEN COVER TO DRAIN
Pumptyp och Pumpbeteckning stämplas på locket
38-16 UNC
29,2
29,2
29,2
R 12,7
31,7
80
152
105
80
70
45
JOHNSON Impellerpump
Type F8B-5000
10-13025

F8B-5001 Impeller pump
Art. No. 10-24559-01

Part no.	Description GB	Position	Quantity
04-35877-1	PUMP BODY F8B MC SUB ASSEMBLE	1	1
01-35875	SHAFT F8B-5001/50017 MC	2	1
01-42680	CAM 1/1 F8B-	3	1
08-819B	IMPELLER F8B-9	4	1
01-42422-1	ENDCOVER F8B/F9B-	5	1
01-42424	GASKET F8B/F9B-	6	1
01-42423	WEARPLATE F8/F80/F9/F95B-	7	1
01-42426	PIN	8	1
01-45374	SPACER F8B-8/-5001	9	1
0.3431.780	BALL BEARING 6305-2RS1	10	2
0.0371.062	RETAIN. RING BORE D62 DIN472 SPRST	11	1
0.0138.134	TAPBOLT M6X12 DIN933 A2	12	5
01-46794-02	SCREW 1/4”-20UNCX10 AL.BRONZE	13	1
0.2247.008	MECH.SEAL COMPL FA25.47.14	14	1
0.0370.525	EXT. CIRCLIP D25 DIN471 ST	15	1
01-46027-1	LABEL DRY RUNNING (4-LANG.)	16	1
0.2172.573	O-RING 23.4X3.53 BS1806 NBR70	17	1
01-35876	CLUTCH CARRIER	18	1
01-46730	SPRING F7B/F8B MC	19	1
01-35867	SHAFT HUB	20	1
01-35863	PULLEY	21	1
01-46712	PIN F7B/F8B MC	22	3
01-35864	CLUTCH CONE	23	1
01-46709	SPRING	24	1
01-46713	SPRING HOLDER F7B/F8B MC	25	1
01-46714	SLEEVE F7B/F8B MC	26	2
0.3447.001	LEVER GN310 AN 125-M10	27	1
0.3433.001	BALL RB-7.5G20 ISO3290-1975 ST	28	1
0.0502.025	KEY A 6X6X25 DIN6885A ST	29	2
0.3431.740	BALL BEARING 6008-2RS1	30	1
0.0370.040	EXT. CIRCLIP D40 DIN471 ST	31	1
0.0371.068	RETAIN. RING BORE D68 DIN472 SPRST	32	1
0.0356.002	WASHER D8.4XD26X5 SS1466 STZN	33	1
0.0141.915	TAP BOLT M8X14 DIN933 8.8ZN	34	3
0.0300.742	SET SCREW M6X6 DIN916 A2	35	1
0.0370.025	EXT. CIRCLIP D25 DIN471 ST	36	1

F8B-50017 Impeller pump
Art. No. 10-24559-02

Part No	Description	Position	Quantity
04-35877-2	PUMP BODY F8B MC SUB ASSEMBLY	1	1
01-35875	SHAFT F8B-5001/50017 MC	2	1
01-42680	CAM 1/1 F8B-	3	1
08-819B	IMPELLER F8B-9	4	1
01-42422-1	ENDCOVER F8B/F9B-	5	1
01-42424	GASKET F8B/F9B-	6	1
01-42423	WEARPLATE F8/F80/F9/F95B-	7	1
01-42426	PIN	8	1
01-45374	SPACER F8B-8/-5001	9	1
0.3431.780	BALL BEARING 6305-2RS1	10	2
0.0371.062	RETAIN. RING BORE D62 DIN472 SPRST	11	1
0.0138.134	TAPBOLT M6X12 DIN933 A2	12	5
01-46794-02	SCREW 1/4”-20UNCX10 AL.BRONZE	13	1
0.2247.008	MECH.SEAL COMPL FA25.47.14	14	1
0.0370.525	EXT. CIRCLIP D25 DIN471 ST	15	1
01-46027-1	LABEL DRY RUNNING (4-LANG.)	16	1
0.2172.573	O-RING 23.4X3.53 BS1806 NBR70	17	1
01-35876	CLUTCH CARRIER	18	1
01-46730	SPRING F7B/F8B MC	19	1
01-35867	SHAFT HUB	20	1
01-35863	PULLEY	21	1
01-46712	PIN F7B/F8B MC	22	3
01-35864	CLUTCH CONE	23	1
01-46709	SPRING	24	1
01-46713	SPRING HOLDER F7B/F8B MC	25	1
01-46714	SLEEVE F7B/F8B MC	26	2
0.3447.001	LEVER GN310 AN 125-M10	27	1
0.3433.001	BALL RB-7.5G20 ISO3290-1975 ST	28	1
0.0502.025	KEY A 6X6X25 DIN6885A ST	29	2
0.3431.740	BALL BEARING 6008-2RS1	30	1
0.0370.040	EXT. CIRCLIP D40 DIN471 ST	31	1
0.0371.068	RETAIN. RING BORE D68 DIN472 SPRST	32	1
0.0356.002	WASHER D8.4XD26X5 SS1466 STZN	33	1
0.0141.915	TAP BOLT M8X14 DIN933 8.8ZN	34	3
0.0300.742	SET SCREW M6X6 DIN916 A2	35	1
0.0370.025	EXT. CIRCLIP D25 DIN471 ST	36	1

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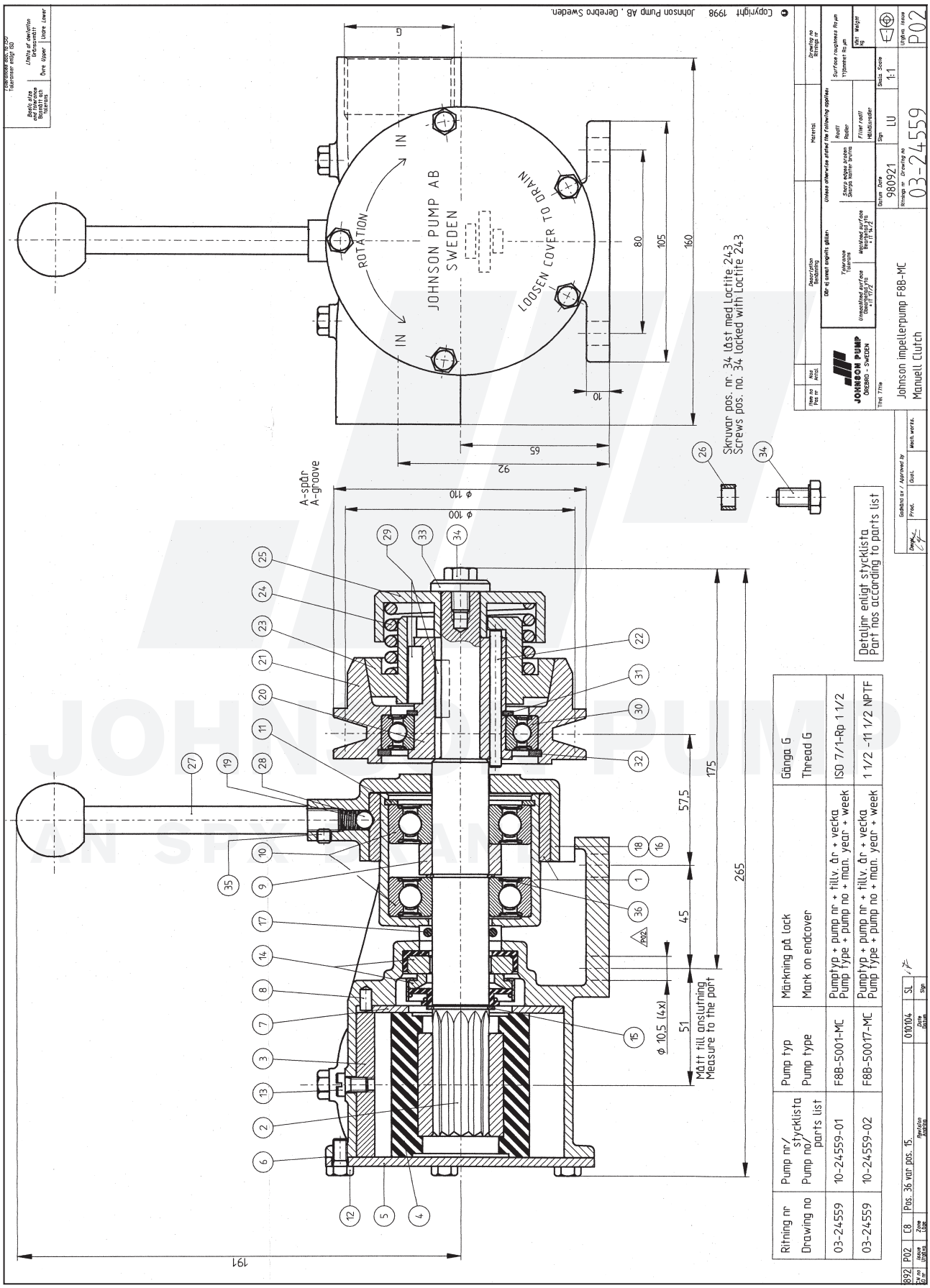

Ritning nr Drawing no	Pump nr/ stycklista Pump no/ parts list	Pump typ Pump type	Märkning på lock Mark on endcover	Gänga G Thread G
03-24559	10-24559-01	F8B-5001-MC	Pumptyp + pump nr + tillv. år + vecka Pump type + pump no + man. year + week	ISO 7/1-Rp 1 1/2
03-24559	10-24559-02	F8B-50017-MC	Pumptyp + pump nr + tillv. år + vecka Pump type + pump no + man. year + week	1 1/2 -11 1/2 NPTF

F8B-5000-TSS Impeller pump w/o clutch
Art. No. 10-13176-99

Service Kit 09-45579

Part. No	Description GB	Position	Quantity
01-13002-1	BODY F8B-	1	1
01-42422-1	ENDCOVER F8B/F9B-	2	1
01-35138	SHAFT F8/F9B-5000	3	1
01-42680	CAM 1/1 F8B-	4	1
08-819B	IMPELLER F8B-9	5	1
01-42424	GASKET F8B/F9B-	6	1
01-42426	PIN	7	1
01-42423	WEARPLATE F8/F80/F9/F95B-	8	1
01-13020	PEDESTAL F8/F9B-3000/-5000	9	1
01-42747	SPACER F8/F9	10	1
01-35144-2	ADAPTOR F8/F9B-5000	11	1
0.2230.319	V-GASKET V 25A NBR70	12	1
0.2247.051	MECH.SEAL COMPL 1" 106BT2C1	13	1
0.3431.780	BALL BEARING 6305-2RS1	14	2
0.0371.062	RETAIN. RING BORE D62 DIN472 SPRST	15	1
0.0370.525	EXT. CIRCLIP D25 DIN471 ST	16	1
0.0353.309	SPRINGWASH D8.2 DIN127 STZN	19	4
0.0300.566	SETSCREW M8X12 DIN916 A2	22	3
0.0144.002	BOLT 5/16"-18UNCX20 SS1943	25	4
01-46794-02	SCREW 1/4"-20UNCX10 AL.BRONZE	27	1
0.0144.200	BOLT 1/4"-20UNCX1/2" SS1943 A4	28	5
0.0370.025	EXT. CIRCLIP D25 DIN471 ST	29	1
0.0633.705	PLUG TYPE 410080 D54.5MM DBI	0	2
0.3444.004	CARTON NO 4 290X195X180	0	1
01-46027-1	LABEL DRY RUNNING (4-LANG.)	0	1
09-46437	ASS. KIT F. CLUTCH F8/F9/F95	0	1
09-46506	WARNING PACKAGE, INDUSTRIAL	0	1
IB-503/02	INSTR.MANUAL FB-5000	0	1
01-47039	BOX LABEL JP 135X45	0	1

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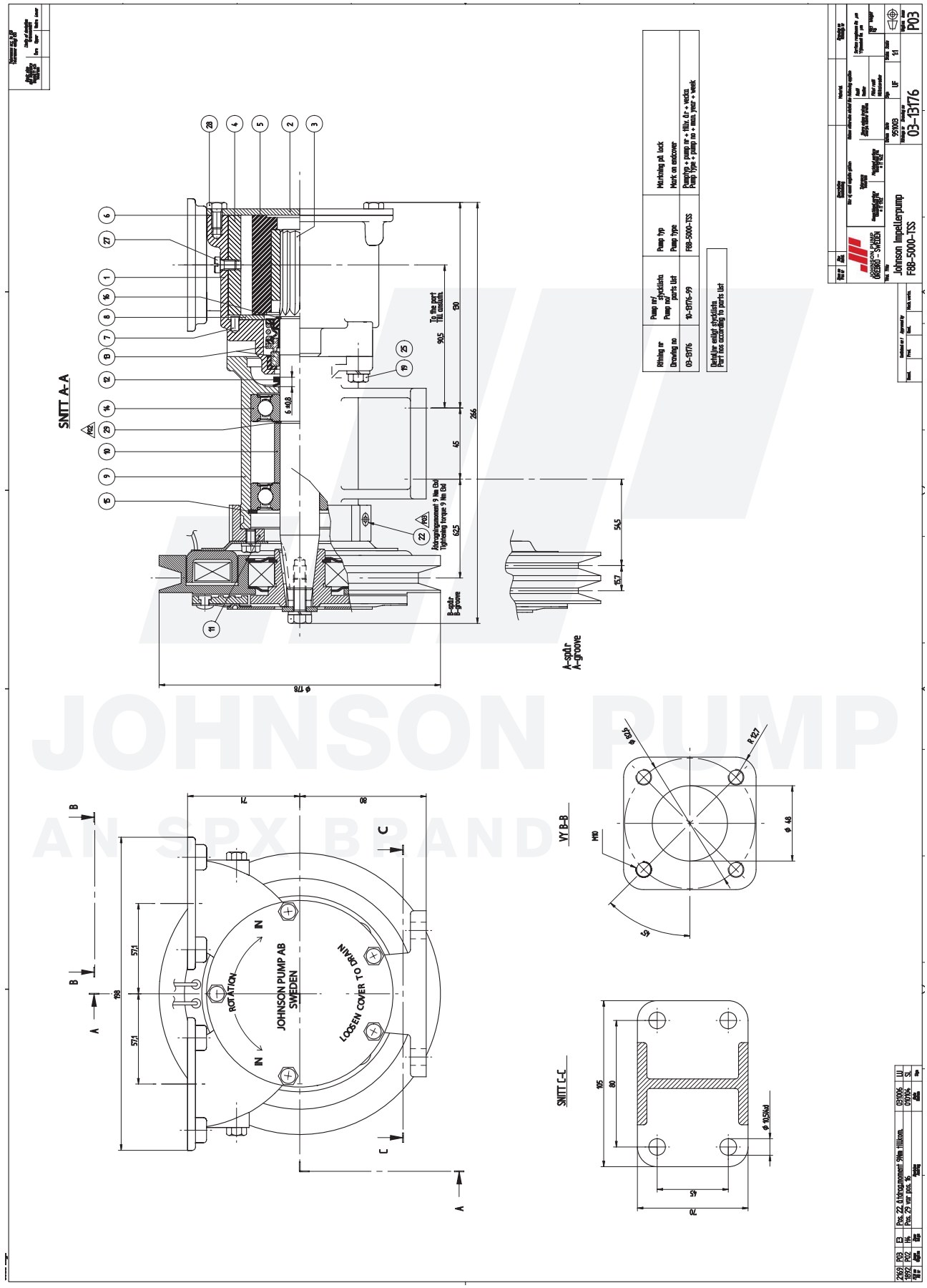
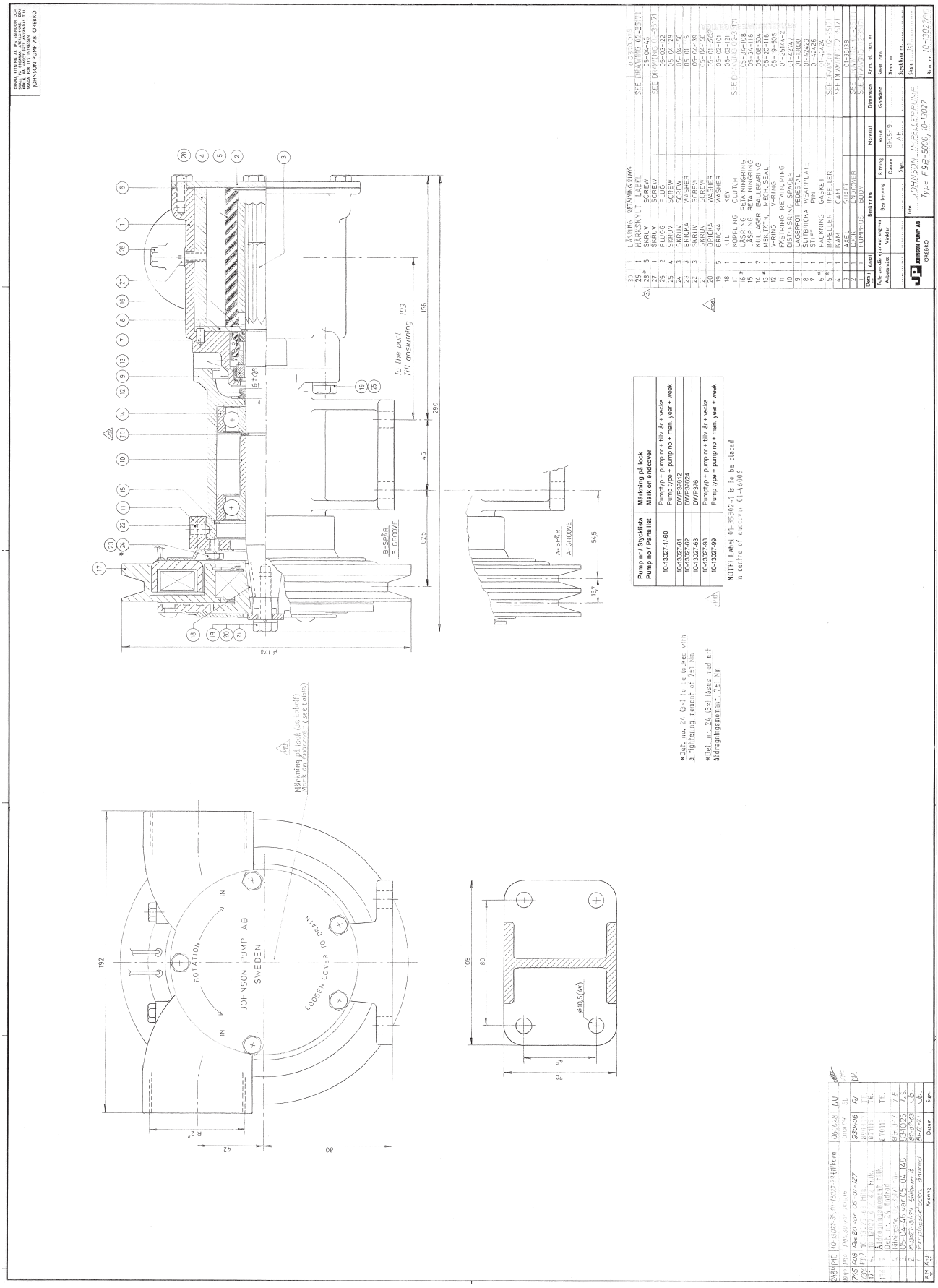


JOHNSON PUMP
AN SPX BRAND

F9B-5600 Impeller pump w/o clutch
Art. No. 10-13027-99

Part. No	Description GB	Position	Quantity
04-13027-01	F9B-5600 SUB-ASSEMBLY	0	1
01-42422-1	ENDCOVER F8B/F9B-	2	1
01-42424	GASKET F8B/F9B-	6	1
0.0144.200	BOLT 1/4"-20UNCX1/2" SS1943 A4	28	5
09-46437	ASS. KIT F. CLUTCH F8/F9/F95	0	1
0.3444.004	CARTON NO 4 290X195X180	0	1
IB-503/02	INSTR.MANUAL FB-5000	0	1
01-46027-1	LABEL DRY RUNNING (4-LANG.)	0	1
01-47039	BOX LABEL JP 135X45	0	1

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB

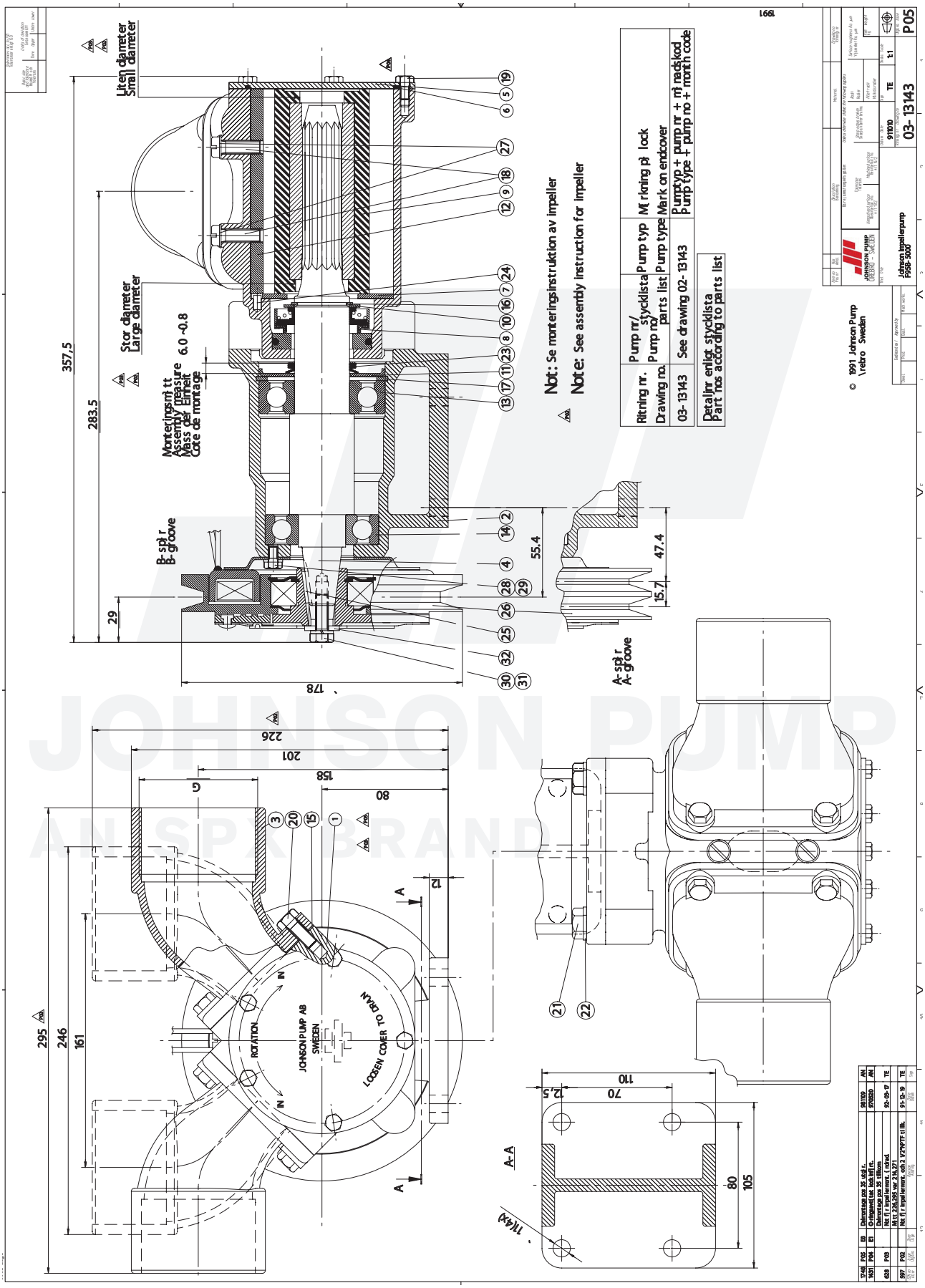


F9B-5000 Impeller pump 12V 2XA
Art. No. 10-13143-01

Service Kit 09-46371

Part. No	Description GB	Position	Quantity
01-46319	GASKET F95B-	15	2
0.0141.917	TAP BOLT M8X22 DIN934 8.8ZP	20	8
01-13119-2	BODY F95B-9	1	1
01-24426-1	CONNECTION F95B-3000/-5000	3	2
0.3431.743	BALL BEARING 6307 2 RS1 ST	13	1
0.3431.043	BALL BEARING 6306 2 RS C3 ST	14	1
0.0370.535	EXT. CIRCLIP D35 DIN471 BRONZE	16	1
0.0371.080	RETAIN. RING BORE D80 DIN472 SPRST	17	1
01-46794-09	SCREW M8X25 AL.BRONZE	18	2
0.2230.322	V-GASKET V 35A NBR70	23	1
01-46323	WASHER F95B-	10	1
01-46322	WASHER F95B-	11	1
01-35700	SHAFT F95B-5000	4	1
01-35744	CAM 1/1 F95B-	12	1
0.2172.142	O-RING 90.00X2.5 NBR70	6	1
01-35284-2	ENDCOVER F9B/F95B O-RING	5	1
0.0138.134	TAP BOLT M6X12 DIN933 A2	19	5
01-13131-1	BEARING HOUSING F95B-	2	1
0.2247.018	MECH.SEAL CPL FA35.60.16	8	1
0.0141.922	TAP BOLT M10X25 DIN933 8.8ZP	21	4
01-42426	PIN	24	1
01-42423	WEARPLATE F8/F80/F9/F95B-	7	1
08-820B	IMPELLER F95B-	9	1
0.0353.111	SPRING WASHER D10.2 DIN127B A2	22	4
0.0502.001	KEY A 4X4X20 DIN6885A ST	25	1
0.3454.001	EL. MAGNETIC CLUTCH 12V A 7"	26	1
0.0141.903	TAP BOLT M6X10 DIN933 8.8ZP	28	3
0.0353.402	WASHER D6,5 X D11,8 X1,6	29	3
0.0141.918	TAP BOLT M8X25 DIN933 8.8ZP	30	1
0.0353.309	SPRINGWASH D8.2 DIN127 STZN	31	1

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB



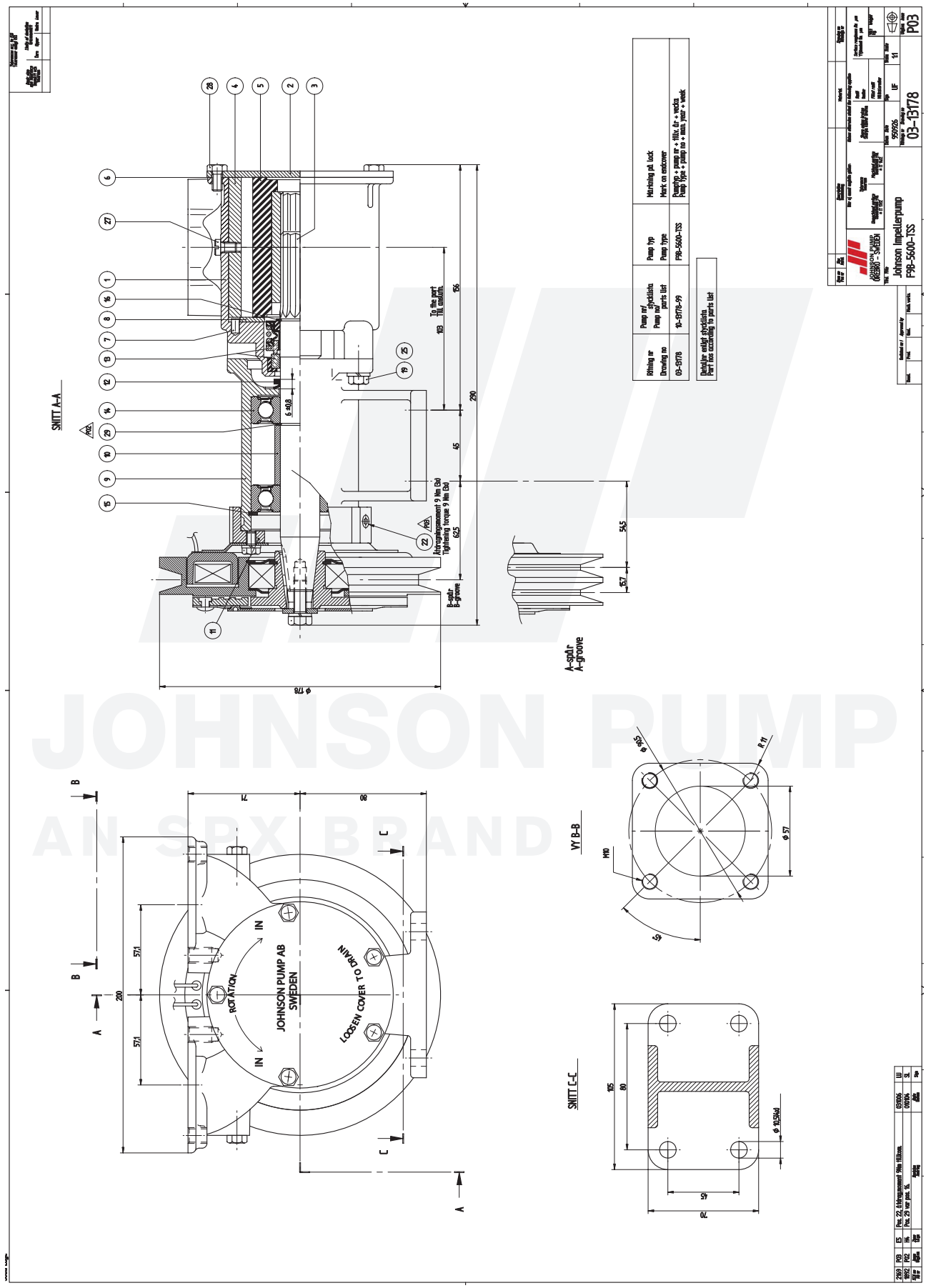
JOHNSON PUMP
AN SPX BRAND

F9B-5600-TSS Impeller pump w/o clutch
Art. No. 10-13178-99

Service Kit 09-45582

Part. No	Description GB	Position	Quantity
01-13003	BODY F9B	1	1
01-42422-1	ENDCOVER F8B/F9B-	2	1
01-35138	SHAFT F8/F9B-5000	3	1
01-43137	CAM 1/1 F9B-	4	1
08-814B	IMPELLER	5	1
01-42424	GASKET F8B/F9B-	6	1
01-42426	PIN	7	1
01-42423	WEARPLATE F8/F80/F9/F95B-	8	1
01-13020	PEDESTAL F8/F9B-3000/-5000	9	1
01-42747	SPACER F8/F9	10	1
01-35144-2	ADAPTOR F8/F9B-5000	11	1
0.2230.319	V-GASKET V 25A NBR70	12	1
0.2247.051	MECH.SEAL COMPL 1" 106BT2C1	13	1
0.3431.780	BALL BEARING 6305-2RS1	14	2
0.0371.062	RETAIN. RING BORE D62 DIN472 SPRST	15	1
0.0370.525	EXT. CIRCLIP D25 DIN471 ST	16	1
0.0353.309	SPRINGWASH D8.2 DIN127 STZN	19	4
0.0300.566	SETSCREW M8X12 DIN916 A2	22	3
0.0144.002	BOLT 5/16"-18UNCX20 SS1943	25	4
01-46794-02	SCREW 1/4"-20UNCX10 AL.BRONZE	27	1
0.0144.200	BOLT 1/4"-20UNCX1/2" SS1943 A4	28	5
0.0370.025	EXT. CIRCLIP D25 DIN471 ST	29	1
0.0633.705	PLUG TYPE 410080 D54.5MM DBI	0	2
0.3444.004	CARTON NO 4 290X195X180	0	1
01-46027-1	LABEL DRY RUNNING (4-LANG.)	0	1
09-46437	ASS. KIT F. CLUTCH F8/F9/F95	0	1
09-46506	WARNING PACKAGE, INDUSTRIAL	0	1
IB-503/02	INSTR.MANUAL FB-5000	0	1
01-47039	BOX LABEL JP 135X45	0	1

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB



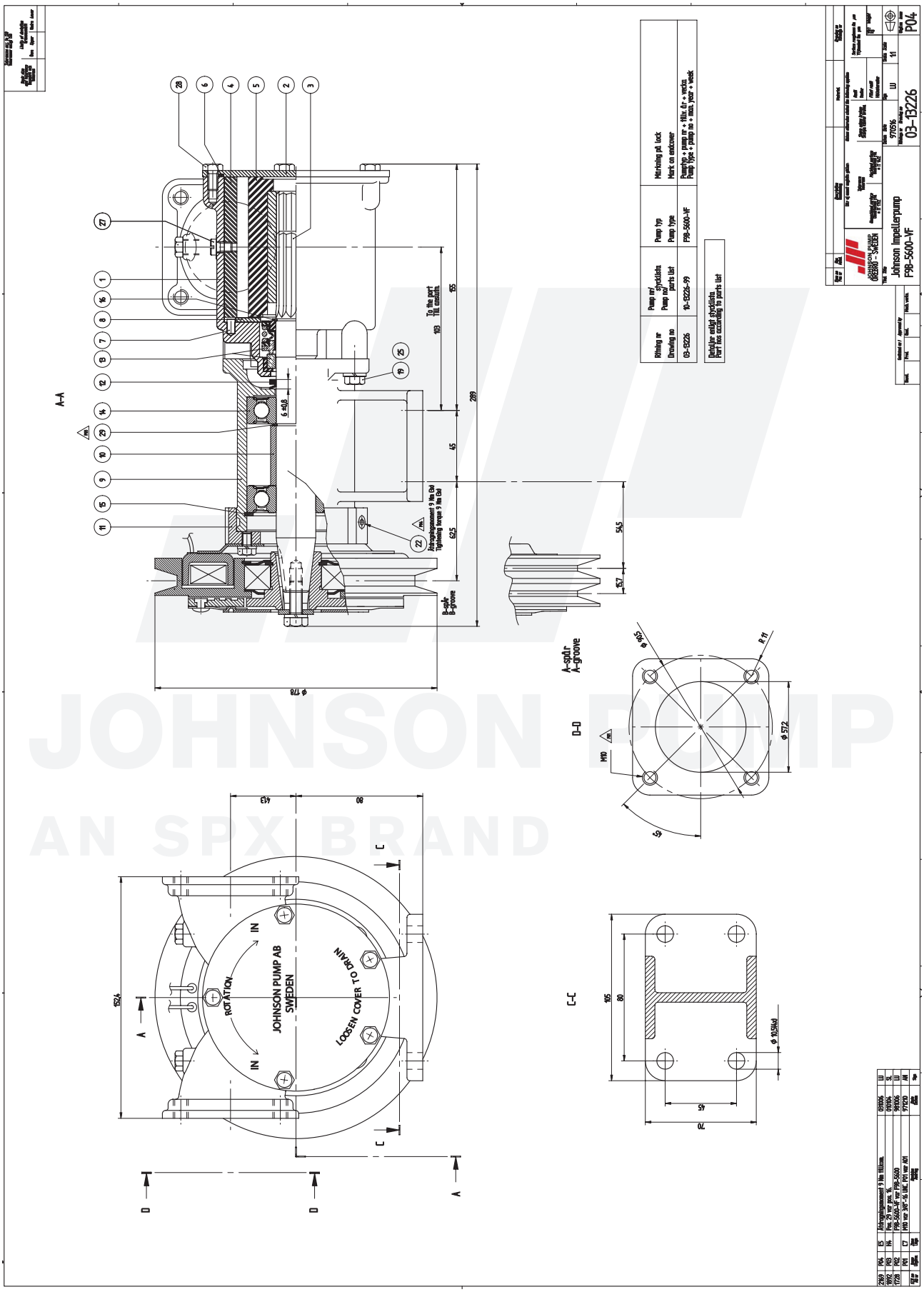
JOHNSON PUMP
AN SPX BRAND

F9B-5600 Impeller pump
Art. No. 10-13226-99

Service Kit 09-45581
See drawing number 10-13027- F9B-5000

Part. No	Description GB	Position	Quantity
04-13226-01	F9B-5600 SUB-ASSEMBLY	0	1
01-42422-3	ENDCOVER F8B/F9B- (O-RING)	2	1
0.2172.142	O-RING 90.00X2.5 NBR70	6	1
0.0144.200	BOLT 1/4"-20UNCX1/2" SS1943 A4	28	5
09-46437	ASS. KIT F. CLUTCH F8/F9/F95	0	1
0.3444.004	CARTON NO 4 290X195X180	0	1
IB-503/02	INSTR.MANUAL FB-5000	0	1
01-46027-1	LABEL DRY RUNNING (4-LANG.)	0	1
01-47039	BOX LABEL JP 135X45	0	1

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB



JOHNSON PUMP
AN SPX BRAND

F9B-5 Impeller pump
Art. No. 10-24161-1

Part. No	Description GB	Position	Quantity
01-11358-1	BODY F9B-	1	1
01-35163-1	ENDCOVER F8B-9/F8B-5 OEM	2	1
01-35138	SHAFT F8/F9B-5000	3	1
01-43137	CAM 1/1 F9B-	4	1
08-814B	IMPELLER	5	1
01-42424	GASKET F8B/F9B-	6	1
01-42426	PIN	7	1
01-42423	WEARPLATE F8/F80/F9/F95B-	8	1
01-13020	PEDESTAL F8/F9B-3000/-5000	9	1
01-42747	SPACER F8/F9	10	1
01-35144-1	ADAPTOR F8/F9B-5 OEM	11	1
0.2230.319	V-GASKET V 25A NBR70	12	1
0.2247.051	MECH.SEAL COMPL 1" 106BT2C1	13	1
0.3431.780	BALL BEARING 6305-2RS1	14	2
0.0371.062	RETAIN. RING BORE D62 DIN472 SPRST	15	1
0.0370.525	EXT. CIRCLIP D25 DIN471 ST	16	2
0.3454.004	EL. MAGNETIC CLUTCH 24V B 7"	17	1
0.0502.001	KEY A 4X4X20 DIN6885A ST	18	1
0.0353.309	SPRINGWASH D8.2 DIN127 STZN	19	5
0.0141.918	TAP BOLT M8X25 DIN933 8.8ZP	21	1
0.0300.566	SETSCREW M8X12 DIN916 A2	22	3
0.0353.402	WASHER D6,5 X D11,8 X1,6	23	3
0.0141.903	TAP BOLT M6X10 DIN933 8.8ZP	24	3
0.0144.002	BOLT 5/16"-18UNCX20 SS1943	25	4
01-46794-02	SCREW 1/4"-20UNCX10 AL.BRONZE	27	1
0.0144.200	BOLT 1/4"-20UNCX1/2" SS1943 A4	28	5
0.3452.100	SCREWED HOSE JOINT SCHLEMMER	29	1
0.3452.101	HOSE D13XD9.9 SCHLEMMER1200100	30	1
01-46027-1	LABEL DRY RUNNING (4-LANG.)	0	1

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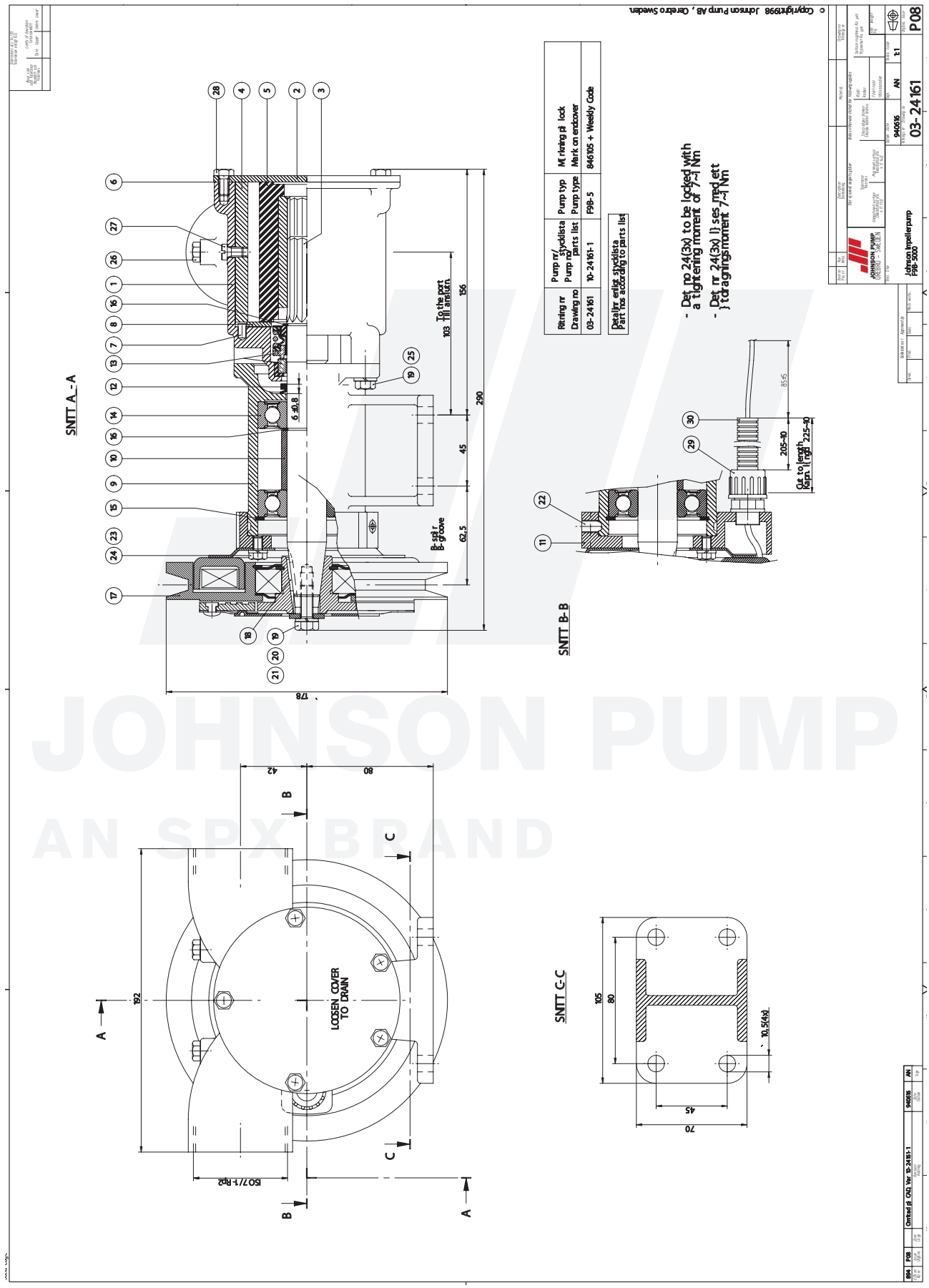

SNITT A - A
SNITT B-B
SNITT C-C
LOOSEN COVER TO DRAIN
Johnson Impellerpump F9B-5000
03-24161
P08
Pump nr/ Pump no 10-24161-1
Pump typ Pump type F9B-5
Märkning på lock Mark on endcover 846105 + Weekly Code
Ritning nr Drawing no 03-24161
Detaljnr enligt styckelista Part nos according to parts list
- Det nr 24(3x) ljs med ett åtdragningsmoment 7-9 Nm
- Det nr 24(3x) ljs med ett åtdragningsmoment 7-9 Nm
Cut to length depending on engine
JOHNSON PUMP
AN SPX BRAND

JOHNSON PUMP
AN SPX BRAND

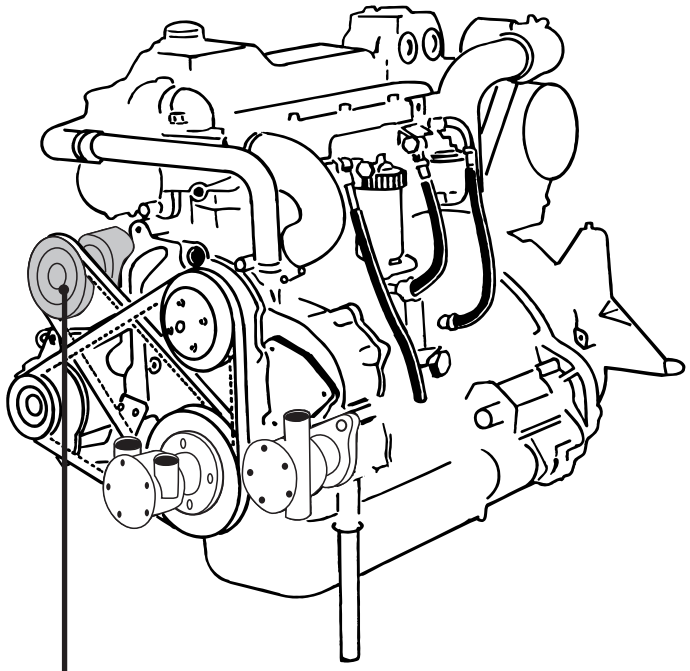
Multipurpose pumps

Sturdy
Compact
Bronze

Extra
Heavy
Duty

Multipurpose

Pulley driven pedestal mounted pumps are used when a free driving pulley is available on the engine



Sturdy, compact bronze pumps, -8 series

A range of multipurpose bronze pumps. Compact design, raw water resistant pumps at an attractive price – with the renowned Johnson quality. These pumps are designed for a number of applications on board.

With excellent self-priming capability, these pumps are ideal as cooling water pumps for marine engines, bilge pumps, deckwash pumps, fresh water pumps, fuel transfer pumps and other applications. Also ideally suited on shore to empty septic tanks, to flush clean and to fill water tanks.

Available in sizes from 3/8" to 1 1/2" (4 l/min to 279 l/min).

Vacuum switch as extra accessory

Extra heavy duty pumps, -3000 series

Whenever you need greater strength or service from a pump, use a Johnson extra heavy duty flexible impeller pump with separate bearing housing and mechanical seal for less wear and longer life.

These pumps cover the entire range of marine applications and may be used as cooling water pumps, bilge pumps, deckwash pumps, emergency and fire fighting pumps, etc.

Wearing parts are easily replaceable and service kits are available for all standard models.

Available in sizes from 3/4" to 2 1/2" (13 l/min to 625 l/min).

Vacuum switch as extra accessory

Multipurpose pumps

Sturdy, compact bronze, -8 series

Art. No.	Pump	Page
F35B-8	10-24569	389
F35B-8	10-35038	391
F4B-8	10-24074	393
F4B-8	10-24570	395
F5B-8	10-24073	397
F5B-8	10-24571	399
F7B-8	10-24070	401
F7B-8	10-24572	403
F8B-8	10-13021	405

Extra heavy duty, -3000 series

Art. No.	Pump	Page
F5B-3000	10-24210	406
F7B-3000	10-24209	407
F8B-3000	10-13024	409
F8B-3000-TSS	10-13175	411
F9B-3000	10-13026	413
F9B-3000-TSS	10-13177	415
F9B-3000	10-13225	417
F95B-3000	10-13121	419

F35B-8 Impeller pump
Art No. 10-24569-01

Part No	Description GB	Position	Quantity
01-35881-1	BODY F35B-8	1	1
01-46735-1	SHAFT F35/F4B-8	2	1
01-46739-2	ENDCOVER F35B NEUTRAL	3	1
08-808B-1	IMPELLER	4	1
01-42910	CAM 1/1 F35B-	5	1
01-45542	SPACER D 12X16X4,3	6	1
01-42400	PIN F35B-/F7B/F70B	7	1
01-46676	WEAR PLATE F35B-8 SS	8	1
01-45049	PLATE F35/F4B-8	9	1
01-45659	WASHER F4B-8/-9	10	1
01-46797	LABEL	11	1
01-46790-01	WASHER D7.5XD4X1 CU	12	1
0.0141.700	TAP BOLT M4X8 ISO4017 A2-70	14	4
01-46794-03	SCREW 8-32UNCX8	15	1
0.2173.440	O-RING 42X2 NBR70	16	1
0.2173.432	O-RING 11.3X2.4 SS1586 NBR70	17	1
0.3431.748	BALL BEARING 6001 2 RS1 ST	18	2
0.2247.021	MECH.SEAL COMPL D12	19	1
0.0371.028	RETAIN. RING BORE D28 DIN472 SPRST	20	1
0.0370.012	EXT. CIRCLIP D12 DIN471 ST	21	1
0.0370.512	EXT. CIRCLIP D12 DIN471 FB	22	1
01-46027-1	LABEL DRY RUNNING (4-LANG.)	0	1
0.3444.001	CARTON NO. 1 170X135X 90	0	1
IB-501/01	INSTR.MANUAL FB-8 SERIES	0	1
01-47039	BOX LABEL JP 135X45	0	1

F35B-8 Impeller pump
Art No. 10-24569-13

Part No	Description GB	Position	Quantity
01-35881-1	BODY F35B-8	1	1
01-46735-1	SHAFT F35/F4B-8	2	1
01-46739-2	ENDCOVER F35B NEUTRAL	3	1
08-808B-1	IMPELLER	4	1
01-42910	CAM 1/1 F35B-	5	1
01-45542	SPACER D 12X16X4,3	6	1
01-42400	PIN F35B-/F7B/F70B	7	1
01-46676	WEAR PLATE F35B-8 SS	8	1
01-45049	PLATE F35/F4B-8	9	1
01-46797	LABEL	11	1
01-46790-01	WASHER D7.5XD4X1 CU	12	1
0.0141.700	TAP BOLT M4X8 ISO4017 A2-70	14	4
01-46794-03	SCREW 8-32UNCX8	15	1
0.2173.440	O-RING 42X2 NBR70	16	1
0.2173.432	O-RING 11.3X2.4 SS1586 NBR70	17	1
0.3431.748	BALL BEARING 6001 2 RS1 ST	18	2
0.2233.010	LIP SEAL 12X24X7 DPSM	19	1
0.0371.028	RETAIN. RING BORE D28 DIN472 SPRST	20	1
0.0370.012	EXT. CIRCLIP D12 DIN471 ST	21	1
0.3444.001	CARTON NO. 1 170X135X 90	0	1
01-46027-1	LABEL DRY RUNNING (4-LANG.)	0	1
IB-501/01	INSTR.MANUAL FB-8 SERIES	0	1

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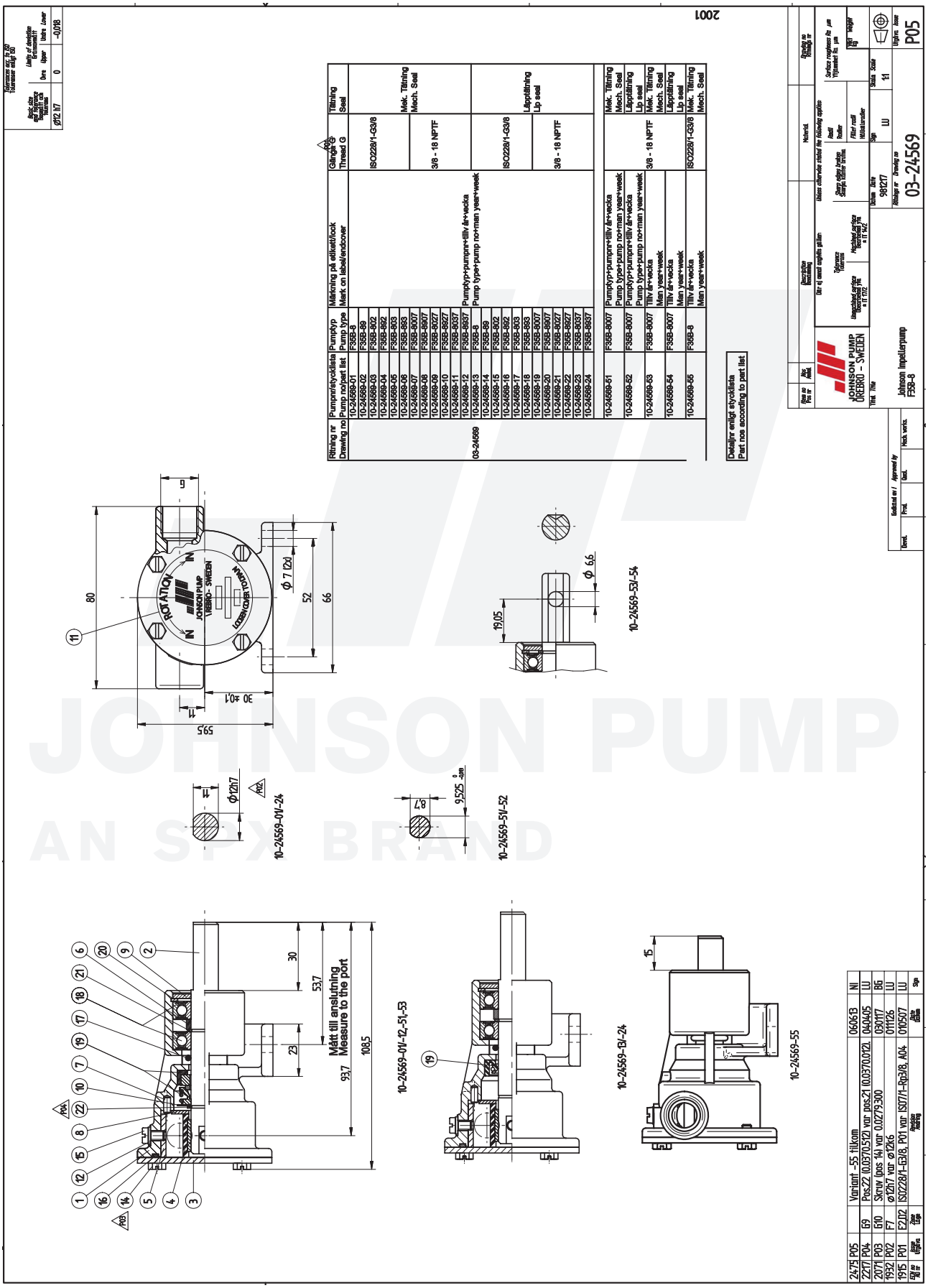
2001
JOHNSON PUMP
ÖREBRO – SWEDEN
Johnson Impellerpump
F35B-8
03-24569
Mek. Tätning
Mech. Seal
Läppätätning
Lip seal
3/8 - 18 NPTF
ISO228/1-G3/8
Pumptyp+pumpnr+tillv år+vecka
Pump type+pump no+man year+week
10-24569-01V-24
10-24569-51V-52
10-24569-53V-54
10-24569-01V-12-51-53
10-24569-13V-24
10-24569-55
Mått till anslutning
Measure to the port
ROTATION
Variant -55 tillkom
Pos.22 (0.037052Q) var pos.21 (0.037012Q)
Skruv (pos 14) var 0.027Q300
ø12H7 var ø12k6
ISO228/1-G3/8, P01 var ISO7/1-Rp3/8, A04
Johnson Pump Marine AB
Multipurpose
Sturdy & compact bronze pumps
The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB
389

F35B-8 Impeller pump
Art. No. 10-35038-1

Service Kit No. 09-45589

Part no.	Description GB	Position	Quantity
01-35037-1	BODY F35B-8	1	1
01-45069	SHAFT F35/F4B-8	2	1
01-43239	ENDCOVER F35B-	3	1
08-808B-1	IMPELLER	4	1
01-43240	GASKET F35B-	5	1
01-42910	CAM 1/1 F35B-	6	1
01-45050	PLATE F35/F4B-8	7	1
01-45049	PLATE F35/F4B-8	8	1
0.0279.300	SCREW M4X8 ISO1207 A4	10	4
01-46794-03	SCREW 8-32UNCX8	11	1
0.2233.010	LIP SEAL 12X24X7 DPSM	12	1
0.2173.432	O-RING 11.3X2.4 SS1586 NBR70	13	1
0.3431.748	BALL BEARING 6001 2 RS1 ST	14	2
0.0371.028	RETAIN. RING BORE D28 DIN472 SPRST	15	1
01-46790-01	WASHER D7.5XD4X1 CU	16	1
01-42400	PIN F35B-/F7B/F70B	17	1
01-45087	WEARPLATE F35B-	18	1
0.0370.012	EXT. CIRCLIP D12 DIN471 ST	19	1

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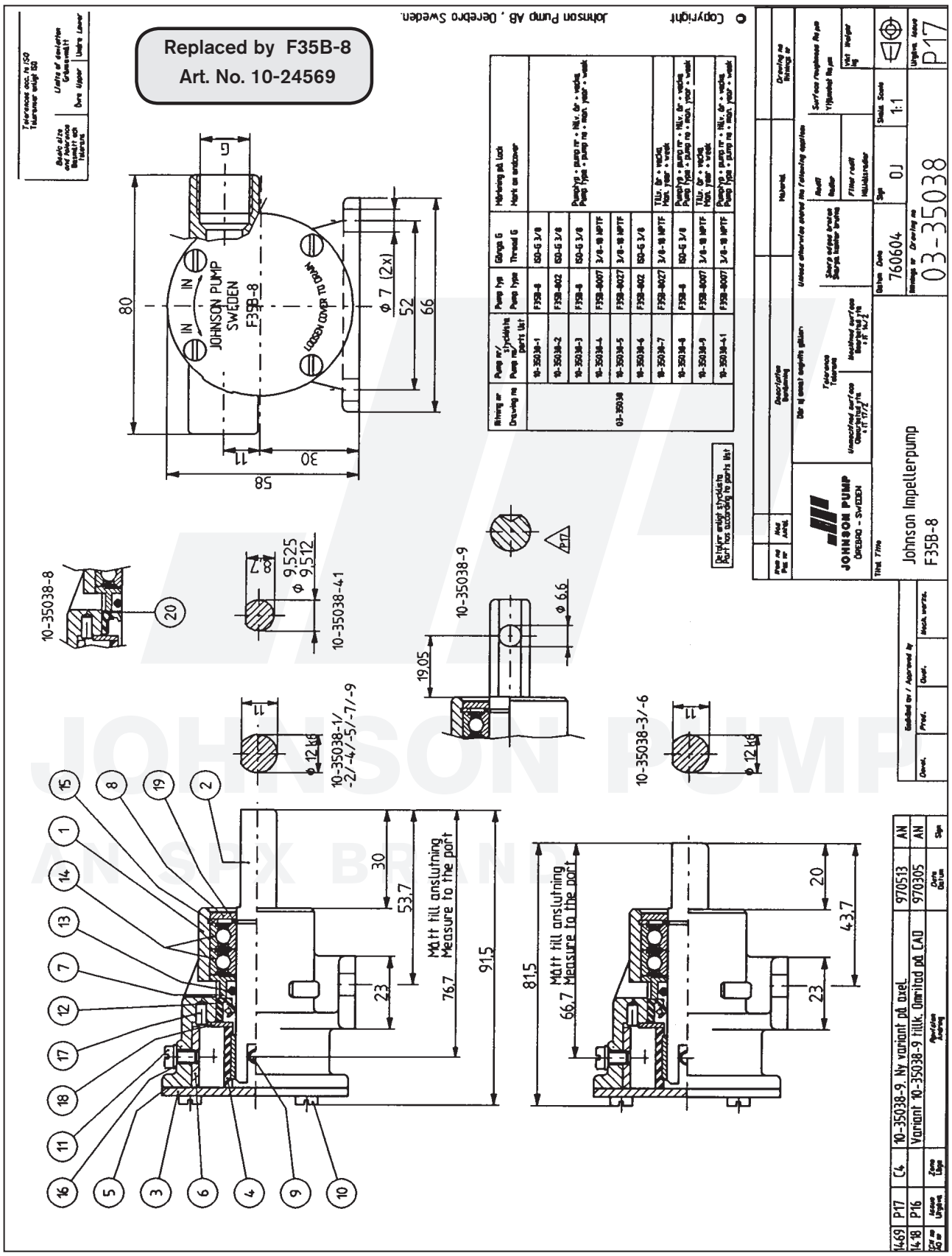

JOHNSON PUMP
AN SPX BRAND

F4B-8 Impeller pump
Art. No. 10-24074-1

Service Kit No. 09-45587, Pump No. 10-24074-1-3-5-7-9-11-13-71
Service Kit No. 09-45588, Pump No. 10-24074-2-4-6-8-10-12
Service Kit No. 09-46625, Pump No. 10-24074-14

Part. No.	Description GB	Position	Quantity
01-35029-1	BODY F4B-8	1	1
01-45069	SHAFT F35/F4B-8	2	1
01-42398	ENDCOVER F4/F5B-	3	1
08-810B-1	IMPELLER	4	1
01-42391	GASKET F4B-	5	1
01-42389	CAM 1/1 F4B-	6	1
01-45050	PLATE F35/F4B-8	7	1
01-45049	PLATE F35/F4B-8	8	1
0.0279.300	SCREW M4X8 ISO1207 A4	10	6
01-46794-04	SCREW 8-32UNCX10	11	1
0.2233.010	LIP SEAL 12X24X7 DPSM	12	1
0.2173.432	O-RING 11.3X2.4 SS1586 NBR70	13	1
0.3431.748	BALL BEARING 6001 2 RS1 ST	14	2
0.0371.028	RETAIN. RING BORE D28 DIN472 SPRST	15	1
01-46790-01	WASHER D7.5XD4X1 CU	16	1
0.0370.012	EXT. CIRCLIP D12 DIN471 ST	17	1

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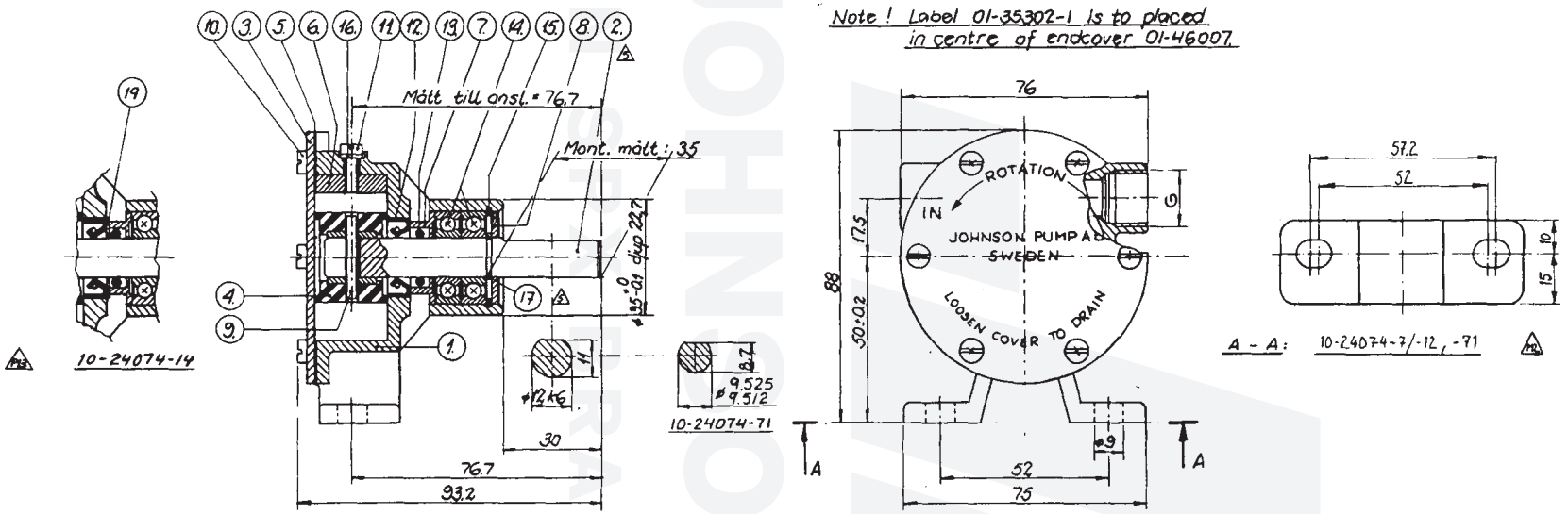
The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB

Pump No.	Mark on endcover
10-24074-1-12/P1/P2	Pumptype + No. + monthly code
10-24074-13	CWP 31

Note ! Label 01-35302-1 is to placed in centre of endcover 01-46007.



Pump. No.	Pumptype	Impeller Rubberqual.	Impeller No.	Cam Thickness	Cam No.	Screw	Washer	Body	Thread G.	Endcover	Label	Shaft
10-24074-1	F4B-8	Neoprene	08-810 B	1/1	01-42389	05-04-115	05-01-120	01-35029-1	R3/8'	01-42398		01-45069
-2	F4B-89	Nitrile	08-810 B-9									
-3	F4B-802	Neoprene	08-810 B	1/2	01-45084	05-04-163						
-4	F4B-892	Nitrile	08-810 B-9									
-5	F4B-803	Neoprene	08-810 B	2/3	01-45288	05-04-114						
-6	F4B-893	Nitrile	08-810 B-9									
-7	F4B-8007	Neoprene	08-810 B	1/1	01-42389	05-04-115		01-35029-2	3/8'-18 NPTF			
-8	F4B-8907	Nitrile	08-810 B-9									
-9	F4B-8027	Neoprene	08-810 B	1/2	01-45084	05-04-163						
-10	F4B-8927	Nitrile	08-810 B-9									
-11	F4B-8037	Neoprene	08-810 B	2/3	01-45288	05-04-114						
-12	F4B-8937	Nitrile	08-810 B-9									
-13	F4B-8	Neoprene	08-810 B	1/1	01-42389	05-04-115		01-35029-1	R3/8'	01-46007	01-35302-1	
-71	F4B-8007	Neoprene	08-810 B	1/1	01-42389	05-04-115		01-35029-2	3/8'-18 NPTF	01-42398		01-46416
-14	F4B-8	Neoprene	08-810B	1/1	01-42389	05-04-115		01-35029-1	R3/8"	01-46624		01-45069

*	1	Service kit, Pump No. 10-24074-1-3-5-7-9-11-13-71			09-45587
*	1	Service kit Pump No. 10-24074-2-4-6-8-10-12			09-45588
	1	Service kit, Pump No. 10-24074-14			09-46625

19	1	Bricka			01-45659
18	1	Märkskylt - Label			See table
17	1	Låsring - Retaining ring	SqA12		05-34-501
16	1	Bricka - Washer	ø7,4x1		See table
15	1	Låsring - Retaining ring	SqH28		05-34-131
14	2	Kullager - Ballbearing	6001 2RS		05-08-130
13	1	O-ring	ø11,3x2,4		05-06-313
12*	1	Läppdatning - Lipseal	025M 12247		05-29-139
11	1	Skruv - Screw			See table
10*	6	Skruv - Screw	M4x8		05-04-642
9	1	Skruv - Screw	NF10-32 UNF-2B		05-04-124
8	1	Bricka - Washer			01-45049
7	1	Bricka - Washer			01-45050
6	1	Kam - Cam			See table
5*	1	Packning - Gasket			01-42391
4*	1	Impeller			See table
3	1	Lock - Endcover			See table
2	1	Axel - Shaft			See table
1	1	Pumphus - Body			See table

Detalj nr	Antal	Benämning	Material	Dimension	Anm. el. ritn. nr

Tolerans där ej annat angives		Bearbetning	Ritning	Ritad	Godkänd	Senast ritn.
Arbetsmått	Vinklar		Datum	23.2.1976		Kons. nr
			Sign.	JK		Skyddsbera nr

JP JOHNSON PUMP AB ÖREBRO

Titel: Johnson Impellerpump 10-24074, typ F48-8

Skala: 1:1

Ritn. nr 10-24074/P13

Ä.M nr	Ändr. nr	Ändring	Datum	Sign.
1999	P13	10-24074-14 tillkommit.	960520	DN
904	P12	Ny halbild inf. på huvfot 01-35029-2	940816	AN
861	P11	05-01-120 infäst på samtliga var.	940324	TE
765	P10	05-04-642 var 05-04-163	930610	TE
693	P09	10-24074-71 tillk	921126	TE
171	P08	10-24074-13 tillk	911116	JT
	7	Axel 01-45069 var 01-45119	17.9.82	JL
	6	10-24074-7 t.o.m -12 tillkommit	29.4.82	AH
105	5	Axel var 01-45069. Det.17 tillk.	29.4.82	AH
	4	10-24074-3/-6 tillkommit	8.5.79	JL
81	3	Det.nr. 3 var 01-42926	31.8.77	OJ
	2	10-24074-3/-4 tillkommit	3.6.76	JL
	1	Monteringsmått tillkommit	22.3.76	JL

Replaced by F4B-8
Art. No. 10-24570

Multipurpose

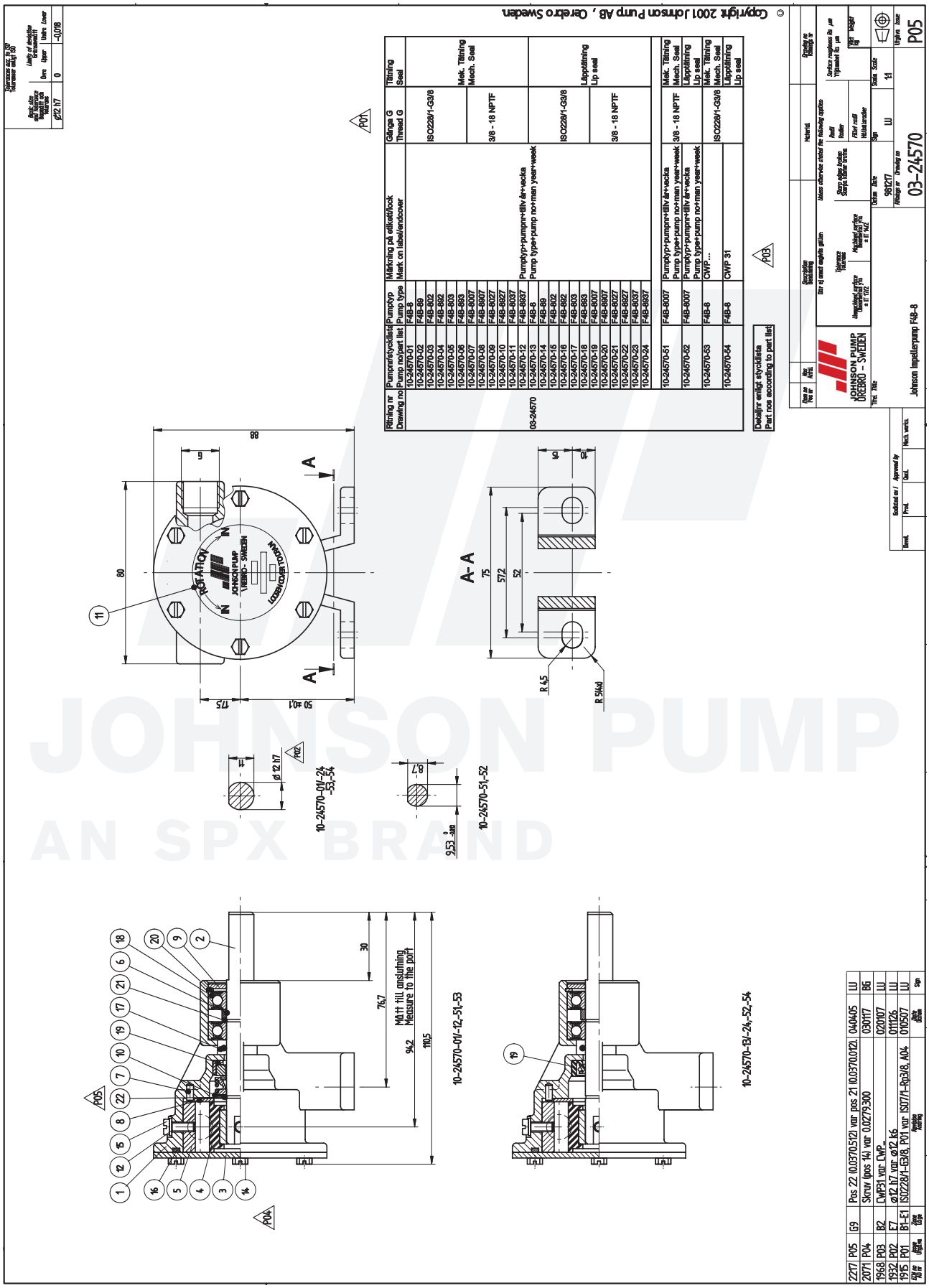
F4B-8 Impeller pump
Art No. 10-24570-01

Part No	Description GB	Position	Quantity
01-35882-1	BODY F4B-8	1	1
01-46735-1	SHAFT F35/F4B-8	2	1
01-46007-2	ENDCOVER F4/F5B NEUTRAL	3	1
08-810B-1	IMPELLER	4	1
01-42389	CAM 1/1 F4B-	5	1
01-45542	SPACER D 12X16X4,3	6	1
01-42400	PIN F35B-/F7B/F70B	7	1
01-46737-2	WEAR PLATE F4B	8	1
01-45049	PLATE F35/F4B-8	9	1
01-45659	WASHER F4B-8/-9	10	1
01-46797	LABEL	11	1
01-46790-01	WASHER D7.5XD4X1 CU	12	1
0.0141.700	TAP BOLT M4X8 ISO4017 A2-70	14	6
01-46794-04	SCREW 8-32UNCX10	15	1
0.2173.476	O-RING 54.6X2.4 NBR70	16	1
0.2173.432	O-RING 11.3X2.4 SS1586 NBR70	17	1
0.3431.748	BALL BEARING 6001 2 RS1 ST	18	2
0.2247.021	MECH.SEAL COMPL D12	19	1
0.0371.028	RETAIN. RING BORE D28 DIN472 SPRST	20	1
0.0370.012	EXT. CIRCLIP D12 DIN471 ST	21	1
0.0370.512	EXT. CIRCLIP D12 DIN471 FB	22	1
01-46027-1	LABEL DRY RUNNING (4-LANG.)	0	1
0.3444.001	CARTON NO. 1 170X135X 90	0	1
IB-501/01	INSTR.MANUAL FB-8 SERIES	0	1
01-47039	BOX LABEL JP 135X45	0	1

F4B-8 Impeller pump
Art No. 10-24570-13

Part No	Description GB	Position	Quantity
01-35882-1	BODY F4B-8	1	1
01-46735-1	SHAFT F35/F4B-8	2	1
01-46007-2	ENDCOVER F4/F5B NEUTRAL	3	1
08-810B-1	IMPELLER	4	1
01-42389	CAM 1/1 F4B-	5	1
01-45542	SPACER D 12X16X4,3	6	1
01-42400	PIN F35B-/F7B/F70B	7	1
01-46737-2	WEAR PLATE F4B	8	1
01-45049	PLATE F35/F4B-8	9	1
01-46797	LABEL	11	1
01-46790-01	WASHER D7.5XD4X1 CU	12	1
0.0141.700	TAP BOLT M4X8 ISO4017 A2-70	14	6
01-46794-04	SCREW 8-32UNCX10	15	1
0.2173.476	O-RING 54.6X2.4 NBR70	16	1
0.2173.432	O-RING 11.3X2.4 SS1586 NBR70	17	1
0.3431.748	BALL BEARING 6001 2 RS1 ST	18	2
0.2233.010	LIP SEAL 12X24X7 DPSM	19	1
0.0371.028	RETAIN. RING BORE D28 DIN472 SPRST	20	1
0.0370.012	EXT. CIRCLIP D12 DIN471 ST	21	1
0.3444.001	CARTON NO. 1 170X135X 90	0	1
01-46027-1	LABEL DRY RUNNING (4-LANG.)	0	1
IB-501/01	INSTR.MANUAL FB-8 SERIES	0	1

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB



JOHNSON PUMP
AN SPX BRAND

F5B-8 Impeller pump
Art. No. 10-24073-1

Part. No.	Description GB	Position	Quantity
01-24067-1	BODY F5B-8	1	1
01-45045	SHAFT F5/F7B-8	2	1
01-42398	ENDCOVER F4/F5B-	3	1
08-1027B-1	IMPELLER	4	1
01-42401	GASKET F5B-	5	1
01-42397	CAM 1/1 F5B-	6	1
01-45046	PLATE F5/F7B-8/-5001	7	1
01-45047	PLATE F5/F7B-8	8	1
0.0279.300	SCREW M4X8 ISO1207 A4	10	6
01-46794-05	SCREW 10-32UNFX8 BRASS	11	1
0.2233.001	LIP SEAL 16X28X7 DPSM	12	1
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	13	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	14	2
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	15	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	16	1

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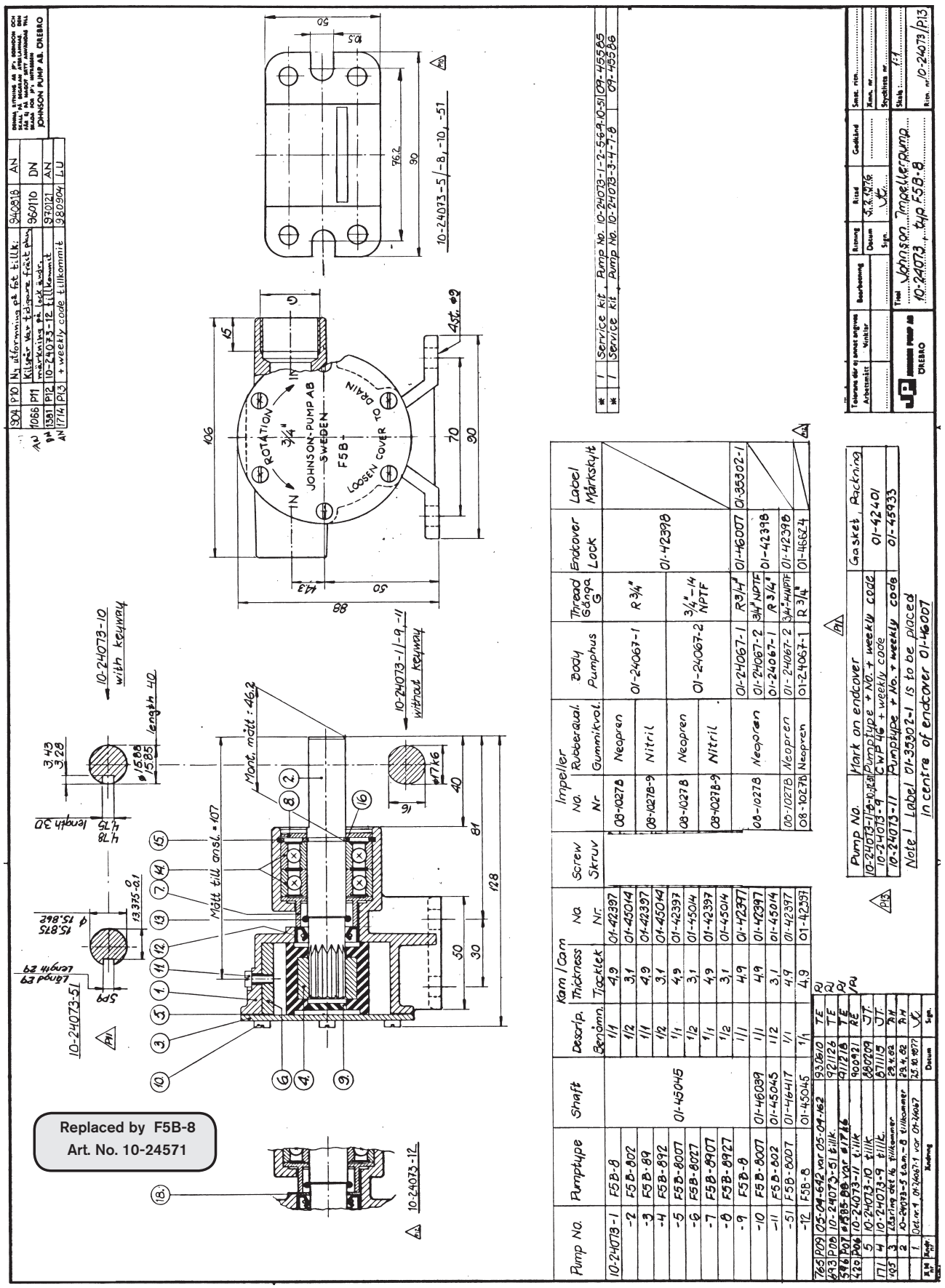

Pump No.	Pumptype	Shaft	Descrip. Benämn.	Kam/Cam Thickness Tjocklek	No. Nr.	Screw Skruv	Impeller No. Nr	Impeller Rubber qual. Gummikval.	Body Pumphus	Thread Gänga G	Endcover Lock	Label Märkskylt
10-24073-1	F5B-8	01-45045	1/1	4,9	01-42397		08-10278	Neopren	01-24067-1	R 3/4"	01-42398	
-2	F5B-802		1/2	3,1	01-45014							
-3	F5B-89		1/1	4,9	01-42397		08-10278-9	Nitril				
-4	F5B-892		1/2	3,1	01-45044							
-5	F5B-8007		1/1	4,9	01-42397		08-10278	Neopren	01-24067-2	3/4"-14 NPTF		
-6	F5B-8027		1/2	3,1	01-45014							
-7	F5B-8907		1/1	4,9	01-42397		08-10278-9	Nitril				
-8	F5B-8927		1/2	3,1	01-45014							
-9	F5B-8		1/1	4,9	01-42397		08-10278	Neopren	01-24067-1	R3/4"	01-46007	01-35302-1
-10	F5B-8007	01-46039	1/1	4,9	01-42397				01-24067-2	3/4" NPTF		
-11	F5B-802	01-45045	1/2	3,1	01-45014				01-24067-1	R 3/4"	01-42398	
-51	F5B-8007	01-46417	1/1	4,9	01-42397		08-10278	Neopren	01-24067-2	3/4"-NNPTF	01-42398	
-12	F5B-8	01-45045	1/1	4,9	01-42397		08-10278	Neopren	01-24067-1	R 3/4"	01-46624	

Pos	Ant.	Benämning	Material	Dim/Vikt	Anm.
765	P09	05-04-642 var 05-04-162		93.06.10	TE
493	P08	10-24073-51 tillk.		921126	TE
576	P01	ø185-86 var ø1746		911218	TE
420	P06	10-24073-11 tillk.		900921	RE
5		10-24073-10 tillk.		880209	JT
171	4	10-24073-9 tillk.		871115	JT
195	3	Låsring okt H. tillkommer		23.4.82	RH
	2	0-2403-5 t.o.m.-8 tillkommer		23.4.82	RH
	1	Ord.nr 1 0K24067-1 var 01-24067		25.10.1977	JK

Ändring	Datum	Sign.

Tolerans där ej annat anges	Benämning	Ritning	Ritad	Godkänd	Senast ritn.
Arbetsmått	Ytmått	Datum	5.11.1976		Ritn. nr
		Sign.	JT		Styckliste nr
		Titel	Johnson Impellerpump 10-24073 typ F5B-8		Skala 1:1

F5B-8 Impeller pump
Art No. 10-24571-01

Part No	Description GB	Position	Quantity
01-24573-1	BODY F5B-8	1	1
01-46744	SHAFT F5/F7B-8	2	1
01-46747-2	ENDCOVER F5B NEUTRAL	3	1
08-1027B-1	IMPELLER	4	1
01-42397	CAM 1/1 F5B-	5	1
01-42400	PIN F35B-/F7B/F70B	6	1
01-42399-2	WEAR PLATE F5B	7	1
01-45680	WASHER F5B/F6B/F7B	8	1
01-45047	PLATE F5/F7B-8	9	1
01-46009	SPACER F7B-9	10	1
0.0141.700	TAP BOLT M4X8 ISO4017 A2-70	11	6
01-46794-05	SCREW 10-32UNFX8 BRASS	12	1
0.2173.475	O-RING 57.6X2.4 SS1586 NBR70	13	1
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	14	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	15	2
0.2247.022	MECH.SEAL COMPL D16	16	1
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	17	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	18	1
0.0370.516	EXT. CIRCLIP D16 DIN471 PHB	19	1
01-46797	LABEL	20	1
01-46027-1	LABEL DRY RUNNING (4-LANG.)	0	1
0.3444.002	CARTON NO 2 200X155X 95	0	1
IB-501/01	INSTR.MANUAL FB-8 SERIES	0	1
01-47039	BOX LABEL JP 135X45	0	1

F5B-8 Impeller pump
Art No. 10-24571-13

Part No	Description GB	Position	Quantity
01-24573-1	BODY F5B-8	1	1
01-46744	SHAFT F5/F7B-8	2	1
01-46747-2	ENDCOVER F5B NEUTRAL	3	1
08-1027B-1	IMPELLER	4	1
01-42397	CAM 1/1 F5B-	5	1
01-42400	PIN F35B-/F7B/F70B	6	1
01-42399-2	WEAR PLATE F5B	7	1
01-45047	PLATE F5/F7B-8	9	1
01-46009	SPACER F7B-9	10	1
0.0141.700	TAP BOLT M4X8 ISO4017 A2-70	11	6
01-46794-05	SCREW 10-32UNFX8 BRASS	12	1
0.2173.475	O-RING 57.6X2.4 SS1586 NBR70	13	1
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	14	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	15	2
0.2233.012	LIP SEAL 16X30X7 DPSM	16	1
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	17	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	18	1
01-46797	LABEL	20	1
01-46027-1	LABEL DRY RUNNING (4-LANG.)	0	1
0.3444.002	CARTON NO 2 200X155X 95	0	1
IB-501/01	INSTR.MANUAL FB-8 SERIES	0	1

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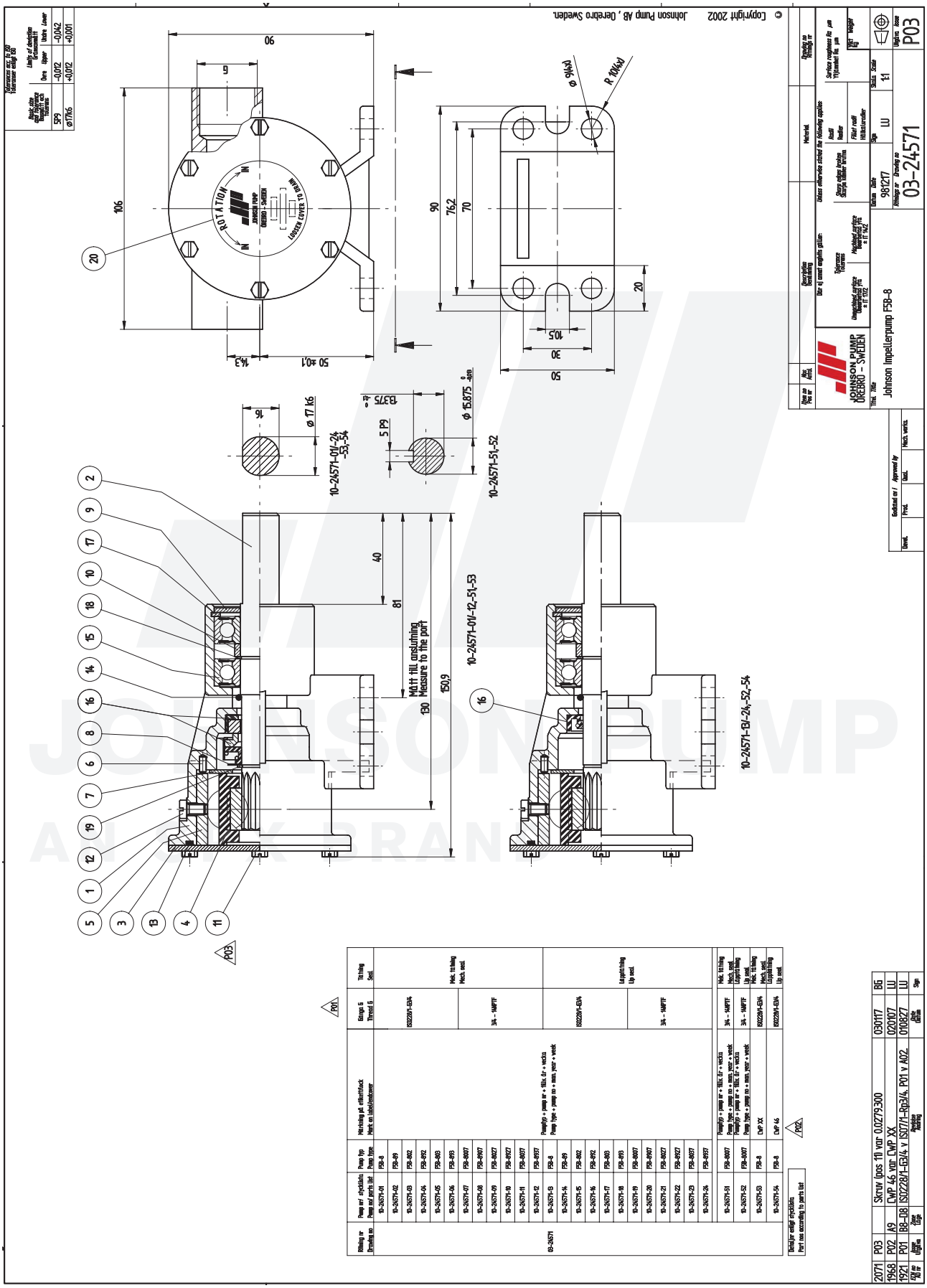

JOHNSON PUMP
ALL RIGHTS BRAND

F7B-8 Impeller pump
Art. No. 10-24070-1

Part. No.	Description GB	Position	Quantity
01-24065-1	BODY F7B-8	1	1
01-45045	SHAFT F5/F7B-8	2	1
01-42441	ENDCOVER F7B-	3	1
08-1028B	IMPELLER	4	1
01-42445	GASKET F4B/F7B-	5	1
01-42679	CAM 1/1 F7B/F70B	6	1
01-45046	PLATE F5/F7B-8/-5001	7	1
01-45047	PLATE F5/F7B-8	8	1
0.0279.033	SCREW M5X8 ISO1207 BRASS	10	6
01-46794-01	SCREW 12-24UNCX9.5 BRASS	11	1
0.2233.001	LIP SEAL 16X28X7 DPSM	12	1
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	13	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	14	2
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	15	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	16	1

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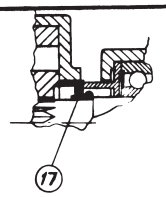
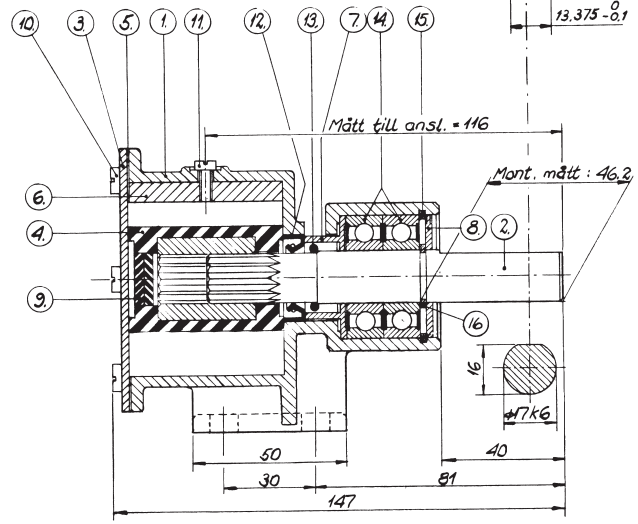
The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB

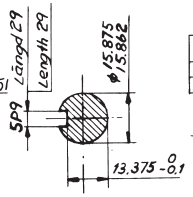
DENNA RITNING ÄR JP's EGENDOM OCH SKALL PÅ BEGÄRAN ÅTERLÄMNAS. DEN FÅR EJ PÅ NÅGOT SÄTT ANVÄNDAS TILL SKADA FÖR JP's INTRESSEN
JOHNSON PUMP AB. ÖREBRO



10-24070-10

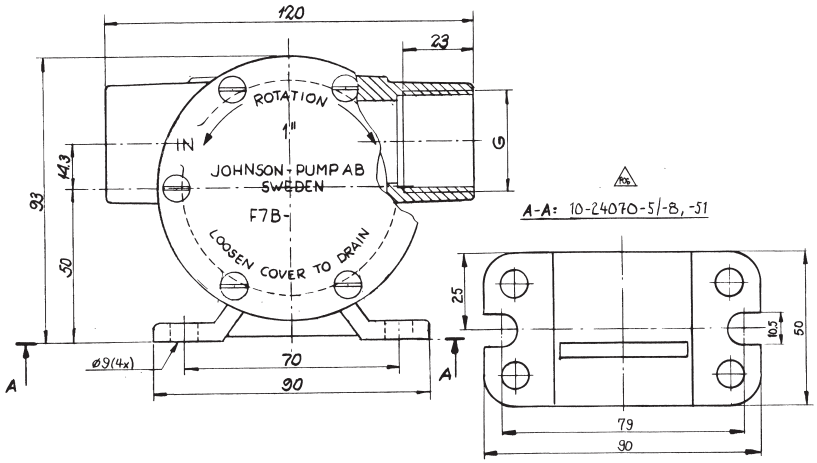


10-24070-51



Pump No.	Mark on endcover
10-24070-1-3-5-7	Pumptype + No. + weekly code
10-24070-9	CWP 107

Note! Label 01-35302-1 is to be placed in centre of endcover 01-46005.



A-A: 10-24070-5/-8, -51

Pump No.	Pumptype	Endcover	Label	Cam Description	Cam Thickness	Cam No.	Impeller Rubber qual.	Impeller No.	Screw	Body / Thread G	Shaft
10-24070-1	F7B-8	01-42441		1/1	6.2	01-42679	Neoprene	08-1028B	05-04-107	01-24065-1 G = R1"	01-45045
-2	F7B-89			1/1	6.2	01-42679	Nitrile	08-1028B-9	05-04-107		
-3	F7B-803			2/3	4.7	01-42442	Neoprene	08-1028B	05-04-144		
-4	F7B-893			2/3	4.7	01-42442	Nitrile	08-1028B-9	05-04-144		
-5	F7B-8007			1/1	6.2	01-42679	Neoprene	08-1028B	05-04-107	01-24065-2 G = 1"–1 1/2 NPTF	
-6	F7B-8907						Nitrile	08-1028B-9			
-7	F7B-8037			2/3	4.7	01-42442	Neoprene	08-1028B	05-04-144		
-8	F7B-8937						Nitrile	08-1028B-9			
-9	F7B-8	01-46005	01-35302-1	1/1	6.2	01-42679	Neoprene	08-1028B	05-04-107	01-24065-1	01-46417
-51	F7B-8007	01-42441		1/1	6.2	01-42679	Neoprene	08-1028B	05-04-107	01-24065-2	01-45045
-10	F7B-8	01-46431		1/1	6.2	01-42679	Neoprene	08-1028B	05-04-107	01-24065-1	01-45045

*	1	Service kit, Pump No. 10-24070-1-3-5-7-9-51	09-45592
*	1	Service kit, Pump No. 10-24070-2-4-6-8	09-45593

1425	P08	10-24070-10 tillk.	970313	DN	
1066	P07	Kilspår var tidigare fäst plan	960110	DN	/AN
912	P06	Ny fot på hus 01-24065-2	940913	AN	/PJ
693	P05	10-24070-51 tillk.	921126	TE.	/RJ
171	P04	10-24070-9 tillk.	871116	JT.	
	3	10-24070-5 t.o.m -8 tillkommit	3.5.82	TH	
105	2	Låsring det. Nr tillkommit	3.5.82	TH	
	1	Det.nr 1, 01-24065-1 var 01-24065	25.10.1977	JT.	
ÄLM nr	Ändr. nr	Ändring	Datum	Sign.	

Replaced by F7B-8
Art. No. 10-24572

Tolerans där ej annat angives		Bearbetning	Ritning	Ritad	Godkänd	Smst. ritn.
Arbetsmått	Vinklar		Datum	17.1.1996		Ämn. nr.
			Sign.	JT.		Sty.lista nr.
JP JOHNSON PUMP AB ÖREBRO			Titel	Johnson Impellerpump 10-24070, typ F7B-8		Skala: 1:1
						Ritn. nr. 10-24070/P08

10-24070 pump F7B-8

Multipurpose

F7B-8 Impeller pump
Art No. 10-24572-01

Part No	Description GB	Position	Quantity
01-24574-3	BODY F7B-8	1	1
01-46744	SHAFT F5/F7B-8	2	1
01-46797	LABEL	20	1
01-46648-3	ENDCOVER F7B	3	1
08-1028B	IMPELLER	4	1
01-42679	CAM 1/1 F7B/F70B	5	1
01-42400	PIN F35B-/F7B/F70B	6	1
01-46798-2	WEAR PLATE F7B	7	1
01-45680	WASHER F5B/F6B/F7B	8	1
01-45047	PLATE F5/F7B-8	9	1
01-46009	SPACER F7B-9	10	1
0.0279.301	SCREW M5X8 ISO1207 A4	11	6
01-46794-01	SCREW 12-24UNCX9.5 BRASS	12	1
0.2172.012	O-RING 63,22X1,78 NBR70	13	1
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	14	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	15	2
0.2247.022	MECH.SEAL COMPL D16	16	1
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	17	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	18	1
0.0370.516	EXT. CIRCLIP D16 DIN471 PHB	19	1
01-46027-1	LABEL DRY RUNNING (4-LANG.)	0	1
0.3444.002	CARTON NO 2 200X155X 95	0	1
IB-501/01	INSTR.MANUAL FB-8 SERIES	0	1
01-47039	BOX LABEL JP 135X45	0	1

F7B-8 Impeller pump
Art No. 10-24572-13

Part No	Description GB	Position	Quantity
01-24574-3	BODY F7B-8	1	1
01-46744	SHAFT F5/F7B-8	2	1
01-46648-3	ENDCOVER F7B	3	1
08-1028B	IMPELLER	4	1
01-42679	CAM 1/1 F7B/F70B	5	1
01-42400	PIN F35B-/F7B/F70B	6	1
01-46798-2	WEAR PLATE F7B	7	1
01-45047	PLATE F5/F7B-8	9	1
01-46009	SPACER F7B-9	10	1
0.0279.301	SCREW M5X8 ISO1207 A4	11	6
01-46794-01	SCREW 12-24UNCX9.5 BRASS	12	1
0.2172.012	O-RING 63,22X1,78 NBR70	13	1
0.2173.402	O-RING 15.3X2.4 SS1586 NBR70	14	1
0.3431.742	BALL BEARING 6203 2 RS1 ST	15	2
0.2233.012	LIP SEAL 16X30X7 DPSM	16	1
0.0371.040	RETAIN. RING BORE D40 DIN472 SPRST	17	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	18	1
01-46797	LABEL	20	1
01-46027-1	LABEL DRY RUNNING (4-LANG.)	0	1
0.3444.002	CARTON NO 2 200X155X 95	0	1
IB-501/01	INSTR.MANUAL FB-8 SERIES	0	1

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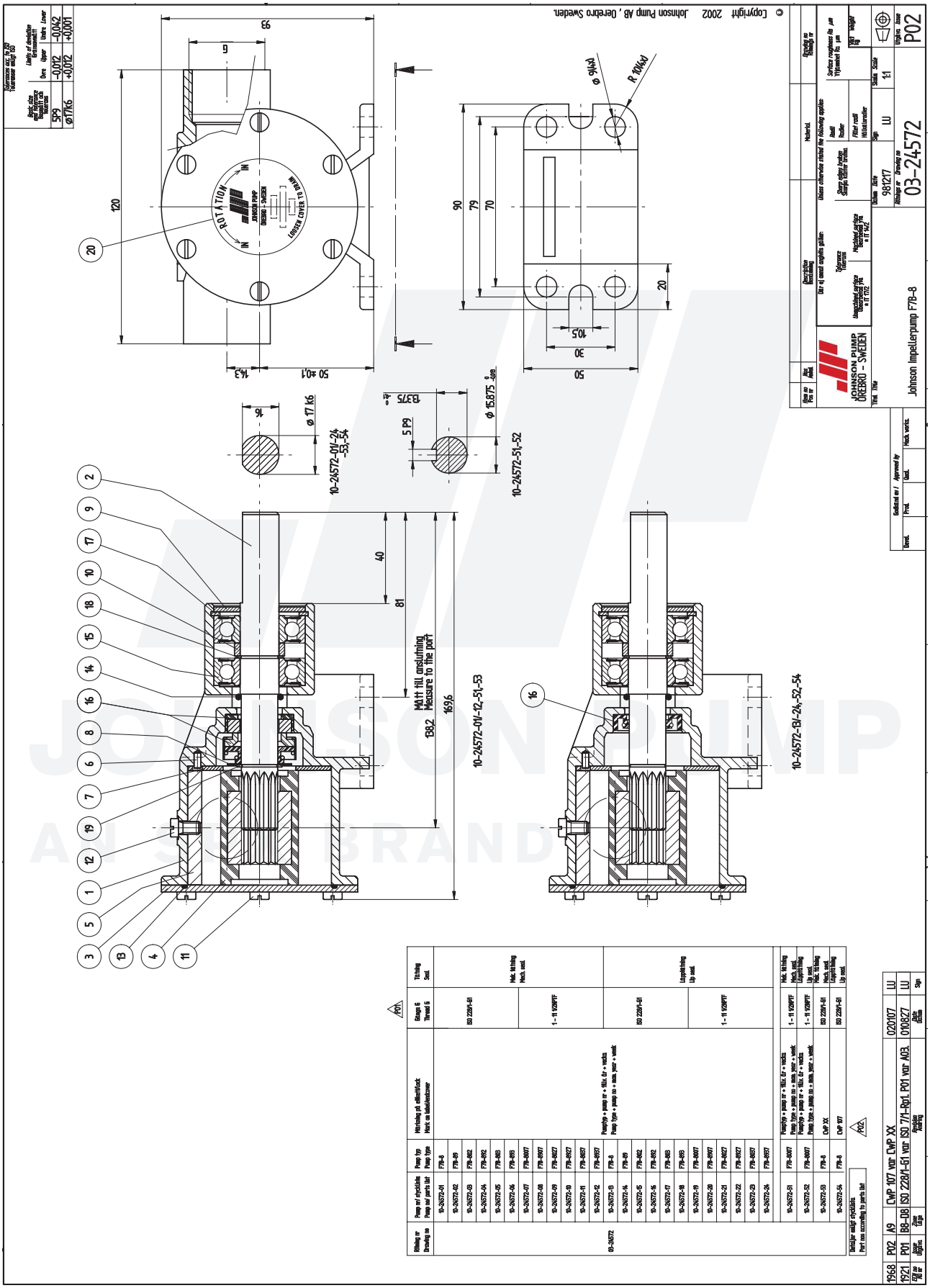


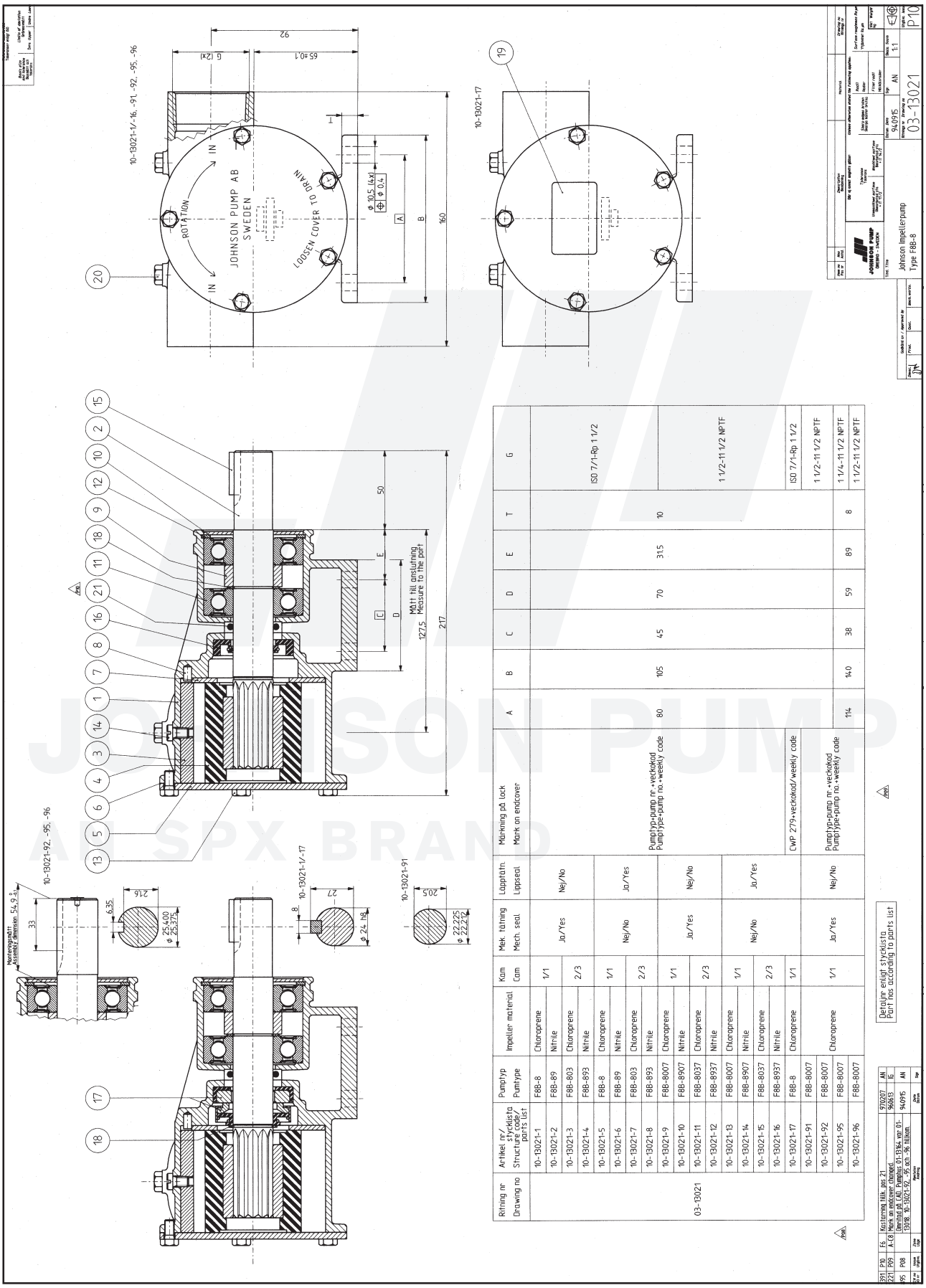
JOHNSON PUMP
ALL SEALS BRAND

F8B-8 Impeller pump
Art. No. 10-13021-1

Service Kit No. 09-45575

Part no.	Description GB	Position	Quantity
01-13164-1	BODY F8B-8/5001	1	1
01-35132	SHAFT F8B-8	2	1
01-42680	CAM 1/1 F8B-	3	1
08-819B	IMPELLER F8B-9	4	1
01-42422-1	ENDCOVER F8B/F9B-	5	1
01-42424	GASKET F8B/F9B-	6	1
01-42423	WEARPLATE F8/F80/F9/F95B-	7	1
01-42426	PIN	8	1
01-45374	SPACER F8B-8/-5001	9	1
01-45380	WASHER F8B-8	10	1
0.3431.780	BALL BEARING 6305-2RS1	11	2
0.0371.062	RETAIN. RING BORE D62 DIN472 SPRST	12	1
0.0138.134	TAP BOLT M6X12 DIN933 A2	13	5
01-46794-02	SCREW 1/4"-20UNCX10 AL.BRONZE	14	1
0.0502.231	KEY 8X7-28 DIN6885A C45K	15	1
0.2247.008	MECH.SEAL COMPL FA25.47.14	17	1
0.0370.525	EXT. CIRCLIP D25 DIN471 ST	18	2
0.2172.573	O-RING 23.4X3.53 BS1806 NBR70	21	1
01-46027-1	LABEL DRY RUNNING (4-LANG.)	0	1
0.3444.004	CARTON NO 4 290X195X180	0	1
IB-501/01	INSTR.MANUAL FB-8 SERIES	0	1
09-46506	WARNING PACKAGE, INDUSTRIAL	0	1
01-47039	BOX LABEL JP 135X45	0	1

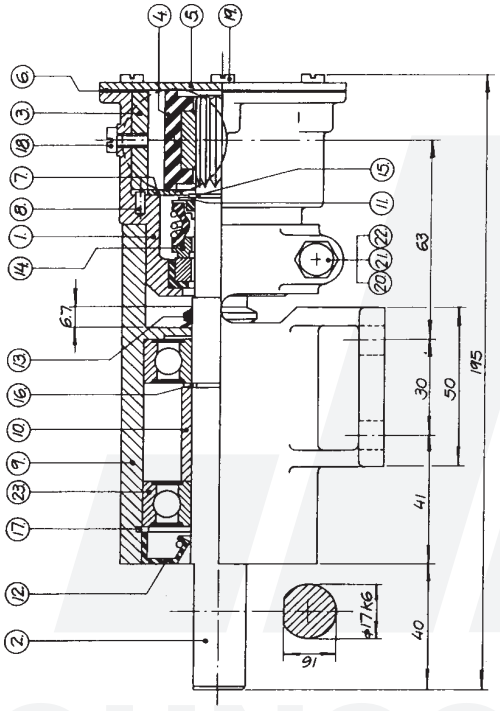
The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB

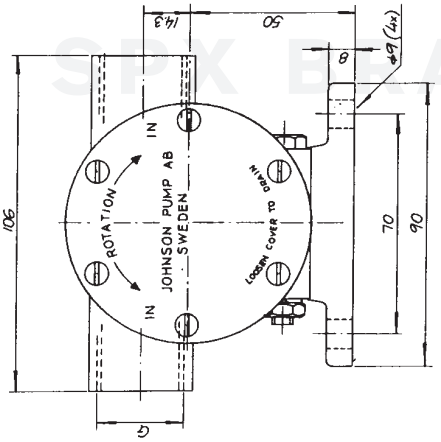


Ritning nr Drawing no	Artikel nr/ stycklista Structure code/ parts list	Pumptyp Pumptype	Impeller material	Kam Cam	Mek. tätning Mech. seal	Läpptätn. Lipseal	Märkning på lock Mark on endcover	A	B	C	D	E	T	G
03-13021	10-13021-1	F8B-8	Chloroprene	1/1	Ja/Yes	Nej/No								ISO 7/1-Rp 1 1/2
	10-13021-2	F8B-89	Nitrile											
	10-13021-3	F8B-803	Chloroprene	2/3										
	10-13021-4	F8B-893	Nitrile											
	10-13021-5	F8B-8	Chloroprene	1/1	Nej/No	Ja/Yes								
	10-13021-6	F8B-89	Nitrile											
	10-13021-7	F8B-803	Chloroprene	2/3										
	10-13021-8	F8B-893	Nitrile				Pumptyp+pump nr.+veckokod Pumptype+pump no.+weekly code	80	105	45	70	31.5	10	1 1/2-11 1/2 NPTF
	10-13021-9	F8B-8007	Chloroprene	1/1	Ja/Yes	Nej/No								
	10-13021-10	F8B-8907	Nitrile											
	10-13021-11	F8B-8037	Chloroprene	2/3										
	10-13021-12	F8B-8937	Nitrile											
	10-13021-13	F8B-8007	Chloroprene	1/1	Nej/No	Ja/Yes								
	10-13021-14	F8B-8907	Nitrile											
	10-13021-15	F8B-8037	Chloroprene	2/3										
	10-13021-16	F8B-8937	Nitrile											
	10-13021-17	F8B-8	Chloroprene	1/1			CWP 279+veckokod/weekly code							ISO 7/1-Rp 1 1/2
	10-13021-91	F8B-8007												1 1/2-11 1/2 NPTF
	10-13021-92	F8B-8007	Chloroprene	1/1	Ja/Yes	Nej/No	Pumptyp+pump nr.+veckokod Pumptype+pump no.+weekly code	114	140	38	59	89	8	1 1/4-11 1/2 NPTF
	10-13021-95	F8B-8007												1 1/2-11 1/2 NPTF
	10-13021-96	F8B-8007												

Detaljnr enligt stycklista
Part nos according to parts list

JOHNSON PUMP
AB SPX BRAND





Pump No. Pump Nr	Pumptype Pumptyp	Impeller ④ Rubber axial. Gummikval.	No. Nr.	Cam Kam ③ Thickness Tjocklek	No. Nr.	Screw ⑱ Skruv	Body Pumphus ①	Thread G Gänga
10-24210-1	F5B-3000	Neoprene	08-1027 B	111 4.9	01-42397	05-04-117	01-31927-2	R3/4"
10-24210-2	F5B-3900	Nitrile	08-1027 B-9					
10-24210-3	F5B-3020	Neoprene	08-1027 B	1/2 3.1	01-45014	05-04-175		
10-24210-4	F5B-3920	Nitrile	08-1027 B-9					
10-24210-5	F5B-3007	Neoprene	08-1027 B	111 4.9	01-42397	05-04-117	01-31927-4	3/4"-14 NPTF
10-24210-6	F5B-3907	Nitrile	08-1027 B-9					
10-24210-7	F5B-3027	Neoprene	08-1027 B	1/2 3.1	01-45014	05-04-175		
10-24210-8	F5B-3927	Nitrile	08-1027 B-9					

23	2	Kullager – Ballbearing	05-08-22
22	1	Mutter – Nut	05-05-115
21	1	Bricka – Washer	05-01-115
20	1	Skruv – Screw	05-04-105
19	6	Skruv – Screw	05-04-115
18	1	Skruv – Screw	See table
17	1	Låsring – Retaining ring	05-34-117
16	1	Låsring – Retaining ring	05-34-121
15	1	Låsring – Retaining ring	05-34-105
14	1	Mek. tätn. – Mech Seal	05-20-115
13	1	V-ring	05-19-503
12	1	Lagerhus. – Housing	05-29-503
11	1	Bricka – Washer	05-01-121
10	1	Distanshylsa – Spacer	01-45170
9	1	Lagertåt – Pedestal	01-24208
8	1	Stift – Pin	01-42400
7	1	Slitbricka – Wearplate	01-42399
6	1	Packning – Gasket	01-42401
5	1	Lock – Endcover	01-42398
4	1	Impeller	See table
3	1	Kam – Cam	See table
2	1	Axel – Shaft	01-35177
1	1	Pumphus – Body	See table

Part No Nos. Del nr Antal | Description Benämning | Material | Dimension

The drawing is the property of JP s egendom enligt lag (1960:729) Ritning är upphovsrättsligt skyddad

Tolerances unless otherwise noted Toleranser om ej annat anges ±0.1 ±1

Unmachined surface Obearbetad yta

Sharp edges broken Skarpa kanter brutna Burrs not permitted Grader vass kant

Radius unless otherwise specified Radier om ej annat anges

Drawn Ritad Axel Andrad 83-02-25

Checked Kontr. Sign. J. 4

Scale Skala 1:1

Title Johnson Impellerpump Type F5B-3000

Dwg. No. Ritn nr. 10-24210

1. Axel Andrad 860123 TE

JOHNSON PUMP AN SPX BRAND

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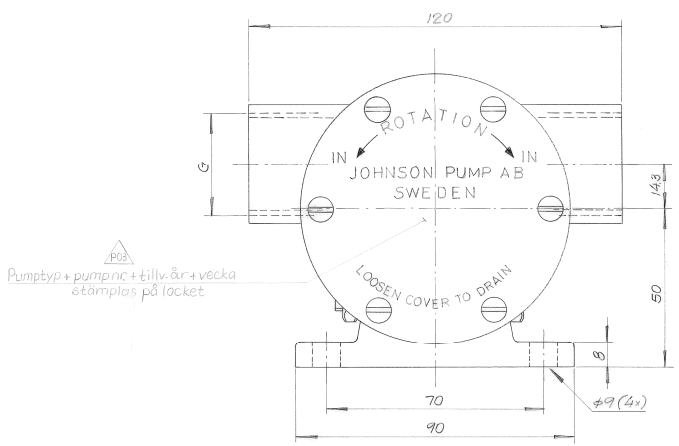

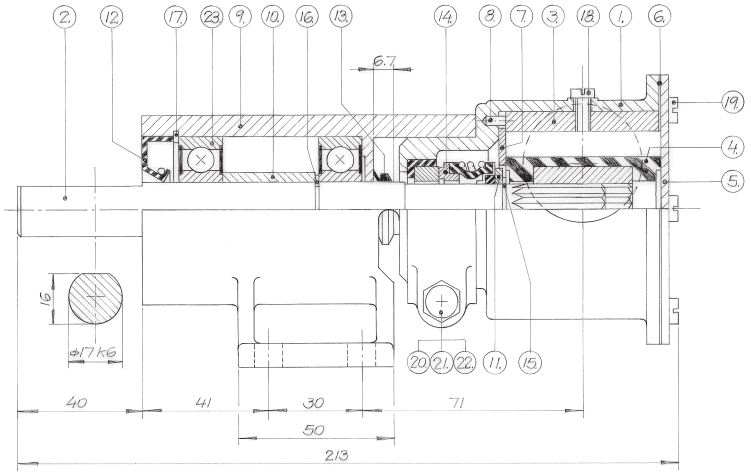

F7B-3000 Impeller pump
Art. No. 10-24209-1

Part no.	Description GB	Position	Quantity
01-21862-2	BODY F7B-1/-3/-9	1	1
01-35177	SHAFT F5B/F7B-3000	2	1
01-42679	CAM 1/1 F7B/F70B	3	1
08-1028B	IMPELLER	4	1
01-42441	ENDCOVER F7B-	5	1
01-42445	GASKET F4B/F7B-	6	1
01-42443	WEARPLATE F7B/F70B	7	1
01-42400	PIN F35B-/F7B/F70B	8	1
01-24208	PEDESTAL F5/F7B-3000	9	1
01-45170	SPACER F5B/F7B-3000/-5000	10	1
01-45174	WASHER F7B-3000/-5000	11	1
0.2234.004	LIP SEAL 17X47X10 WA	12	1
0.2230.015	V-RING 15.5-17.5 NBR/65SH	13	1
0.2247.050	MECH.SEAL COMPL 5/8" 106BT2C1	14	1
0.0370.516	EXT. CIRCLIP D16 DIN471 PHB	15	1
0.0370.017	EXT. CIRCLIP D17 DIN471 ST	16	1
0.0371.047	RETAIN. RING BORE D47 DIN472 SPRST	17	1
01-46794-01	SCREW 12-24UNCX9.5 BRASS	18	1
01-46794-05	SCREW 10-32UNFX8 BRASS	19	6
0.0144.001	BOLT 1/4"-20UNCX57 SS1943 STZN	20	1
0.0353.402	WASHER D6,5 X D11,8 X1,6	21	1
0.0194.001	NUT 1/4"-20UNC SS1989 8.8ZN	22	1
0.3431.778	BALL BEARING 6303-2RSH	23	2

Pump No. Pump Nr.	Pumptype Pumptyp	Impeller (4) Rubber qual. Gummikval.	Impeller (4) No. Nr.	Cam Kam (3) Thickness Tjocklek	Cam Kam (3) No. Nr.	Screw Skruv (18)	Body Pumphus (1.)	Thread Gänga G
10-24209-1	F7B-3000	Neoprene	08-1028 B	1/1 6.2	01-42679	05-04-107	01-21862-2	R1"
10-24209-2	F7B-3900	Nitrile	08-1028 B-9					
10-24209-3	F7B-3030	Neoprene	08-1028 B	2/3 4.7	01-42442	05-04-144		
10-24209-4	F7B-3930	Nitrile	08-1028 B-9					
10-24209-5	F7B-3020	Neoprene	08-1028 B	1/2 3.3	01-42584	05-04-125		
10-24209-6	F7B-3920	Nitrile	08-1028 B-9					
10-24209-7	F7B-30007	Neoprene	08-1028 B	1/1 6.2	01-42679	05-04-107	01-21862-4	1"-1 1/2 NPTF
10-24209-8	F7B-39007	Nitrile	08-1028 B-9					
10-24209-9	F7B-30307	Neoprene	08-1028 B	2/3 4.7	01-42442	05-04-144		
10-24209-10	F7B-39307	Nitrile	08-1028 B-9					
10-24209-11	F7B-30207	Neoprene	08-1028 B	1/2 3.3	01-42584	05-04-125		
10-24209-12	F7B-39207	Nitrile	08-1028 B-9					
10-24209-13	F7B-3900	— " —	— " —	1/1 6.2	01-42679	05-04-107	01-21862-2	R1"

AM.nr.	Rev. No. Ändr. nr.	Revision Ändring	Date Datum	Sign.
2484	P03	Info om lockstämpling tillkom.	060628	LU
2314	P02	Pump nr 10-24209-13 tillk.	050413	TE
	P01	Axel ändrad	860123	TE.

Part No. Det.nr. | Nos. Antal | Description Benämning | Material | Dimension | Draw. No. Ritn.nr.

This drawing is the property of JP. Protected in accordance with prevailing law. Denna ritning är JP:s egendom. Skyddad enligt gällande lag.

Tolerance unless otherwise noted Tolerans där ej annat angives
Unmachined surface ±IT 17/2
Machined surface ±IT 14/2

Sharp edges broken Skarpa kanter brytes
Burrs not permitted Grader tillåts icke

Radius unless otherwise noted Radie där ej annat angives

Filad Datum 93-02-23 Sign. JL 164

JOHNSON PUMP AB
ÖREBRO SWEDEN
Tel. 019/11 95 50

Title Titel: Johnson Impellerpump
Type F7B-3000, 10-24209

Scale Skala 1:1

Draw. No Ritn. nr. 10-24209/P03

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB

Multipurpose

F8B-3000 Impeller pump
Art. No. 10-13024-1

Part no.	Description GB	Position	Quantity
01-11206	BODY F8B-	1	1
01-42422-1	ENDCOVER F8B/F9B-	2	1
01-35137	SHAFT F8/F9B-3000	3	1
01-42680	CAM 1/1 F8B-	4	1
08-819B	IMPELLER F8B-9	5	1
01-42424	GASKET F8B/F9B-	6	1
01-42426	PIN	7	1
01-42423	WEARPLATE F8/F80/F9/F95B-	8	1
01-13020	PEDESTAL F8/F9B-3000/-5000	9	1
01-42747	SPACER F8/F9	10	1
0.0502.231	KEY 8X7-28 DIN6885A C45K	11	1
0.2230.319	V-GASKET V 25A NBR70	12	1
0.2247.051	MECH.SEAL COMPL 1" 106BT2C1	13	1
0.3431.780	BALL BEARING 6305-2RS1	14	2
0.0371.062	RETAIN. RING BORE D62 DIN472 SPRST	15	1
0.0370.525	EXT. CIRCLIP D25 DIN471 ST	16	2
0.2234.337	LIP SEAL 25X62X10 BA	17	1
01-46794-02	SCREW 1/4"-20UNCX10 AL.BRONZE	19	1
0.0144.200	BOLT 1/4"-20UNCX1/2" SS1943 A4	20	5
0.0144.002	BOLT 5/16"-18UNCX20 SS1943	21	4
0.0353.309	SPRINGWASH D8.2 DIN127 STZN	22	4

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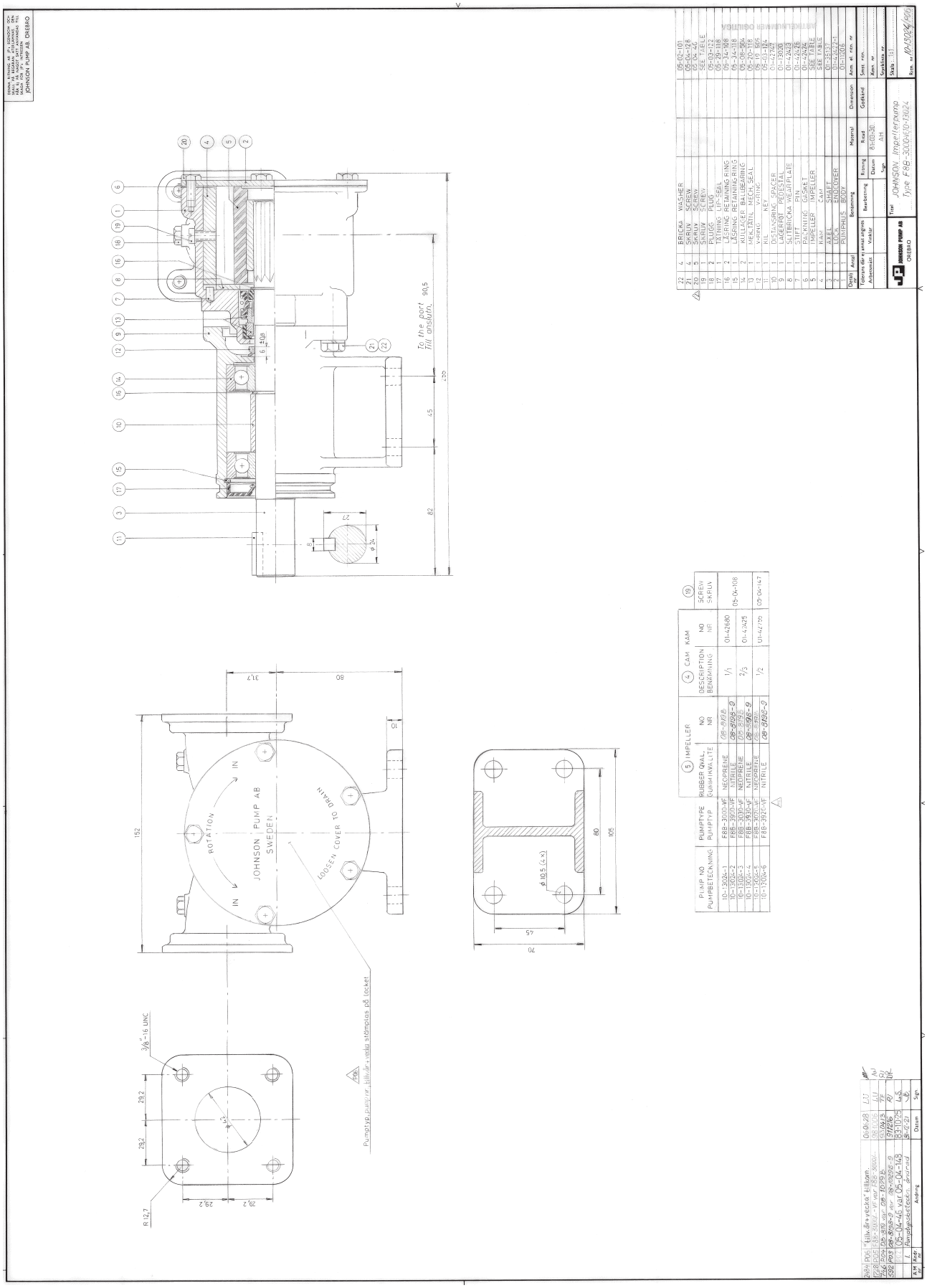
To the port
Till anslutn.
90,5
45
82
27
ROTATION
IN
IN
JOHNSON PUMP AB
SWEDEN
LOOSEN COVER TO DRAIN
Pumptyp gjuten in i kåpan - valls stämplas på locket
3/8"-16 UNC
R 12,7
29,2
80
105
70
45
ø 10,5 (4 x)
PUMP NO
PUMPBETECKNING
PUMPTYPE
PUMPTYP
5 IMPELLER
RUBBER QUAL.
GUMMIKVALITE
NO
NR
4 CAM KAM
DESCRIPTION
BENÄMNING
NO
NR
19 SCREW
SKRUV
10-1302-1 F8B-3000-VF NEOPRENE 08-3938-9 1/1 01-42680 05-04-108
10-1302-2 F8B-3900-VF NITRILE 08-3939-9
10-1302-3 F8B-3093-VF NEOPRENE 08-3938-9 2/3 01-44425
10-1302-4 F8B-3093-VF NITRILE 08-3939-9
10-1302-5 F8B-3902-VF NEOPRENE 08-3938-9 1/2 01-44220 05-04-147
10-1302-6 F8B-3902-VF NITRILE 08-3939-9
22 4 BRICKA WASHER 05-02-101
21 4 SKRUV SCREW 05-04-128
20 5 SKRUV SCREW 05-04-42
19 SKRUV SCREW SEE TABLE
18 2 PLUGG PLUG 05-03-122
17 1 TÄTNING SEAL 05-34-188
16 1 LÅSRING RETAINING RING 05-34-188
15 1 LÅSRING RETAINING RING 05-34-318
14 2 KULLAGER BALLBEARING 05-06-804
13 1 MEKTÄTNING MECH. SEAL 05-20-118
12 1 HUSING HOUSING 05-10-585
11 1 KIL KEY 05-03-124
10 1 DISTANSRING SPACER 01-42769
9 1 LAGERFOT PEDESTAL 01-33026
8 1 SLITBRICKA WEARPLATE 01-42403
7 1 LOCK PLUG 01-42405
6 1 PACKNING GASKET 01-42426
5 1 IMPELLER IMPELLER SEE TABLE
4 1 KAM CAM SEE TABLE
3 1 KÅPA ENDCOVER 01-42422-1
2 1 KÅPA ENDCOVER 01-42422-1
1 1 PUMPHUS BODY 01-33026
Detalj Antal Benämning Material Dimension Anm. el. mtrl. nr
Tolerans där ej annat anges Bearbetning Ruad Godkänd Smä. mtr.
Arbetsmått Vinkar Datum 8/03-30 Anm. nr
Skala 1:1 Cyklistra. nr
JOHNSON PUMP AB ÖREBRO
Tryt JOHNSON Impellerpump
Type F8B-3000 10-13024
Rum. nr 10-13024/906
Ritad Kontr. Anders Datum Sign
Ändring
AM Ändr. nr
1 Pumpgjutkärna ändrad 09-12-03 LA
2 Pos 5 "hålbräckt hålkon... 06-02-28 LU
3 Pos 1 F8B-3000 - VF var... 08-11-16 LU
4 Pos 20ax 126 x80 ändr. 08-10-29 JE
5 Pos 5 08-3938-9 ändr. 09-12-03 LA
6 05-04-46 Val. 05-04-143 09-12-03 LA

F8B-3000-TSS Impeller pump
Art No. 10-13175-01

Part No	Description GB	Position	Quantity
01-13002-1	BODY F8B-	1	1
01-42422-1	ENDCOVER F8B/F9B-	2	1
01-35137	SHAFT F8/F9B-3000	3	1
01-42680	CAM 1/1 F8B-	4	1
08-819B	IMPELLER F8B-9	5	1
01-42424	GASKET F8B/F9B-	6	1
01-42426	PIN	7	1
01-42423	WEARPLATE F8/F80/F9/F95B-	8	1
01-13020	PEDESTAL F8/F9B-3000/-5000	9	1
01-42747	SPACER F8/F9	10	1
0.0502.231	KEY 8X7-28 DIN6885A C45K	11	1
0.2230.319	V-GASKET V 25A NBR70	12	1
0.2247.051	MECH.SEAL COMPL 1" 106BT2C1	13	1
0.3431.780	BALL BEARING 6305-2RS1	14	2
0.0371.062	RETAIN. RING BORE D62 DIN472 SPRST	15	1
0.0370.525	EXT. CIRCLIP D25 DIN471 ST	16	2
0.2234.337	LIP SEAL 25X62X10 BA	17	1
01-46794-02	SCREW 1/4"-20UNCX10 AL.BRONZE	19	1
0.0144.200	BOLT 1/4"-20UNCX1/2" SS1943 A4	20	5
0.0144.002	BOLT 5/16"-18UNCX20 SS1943	21	4
0.0353.309	SPRINGWASH D8.2 DIN127 STZN	22	4

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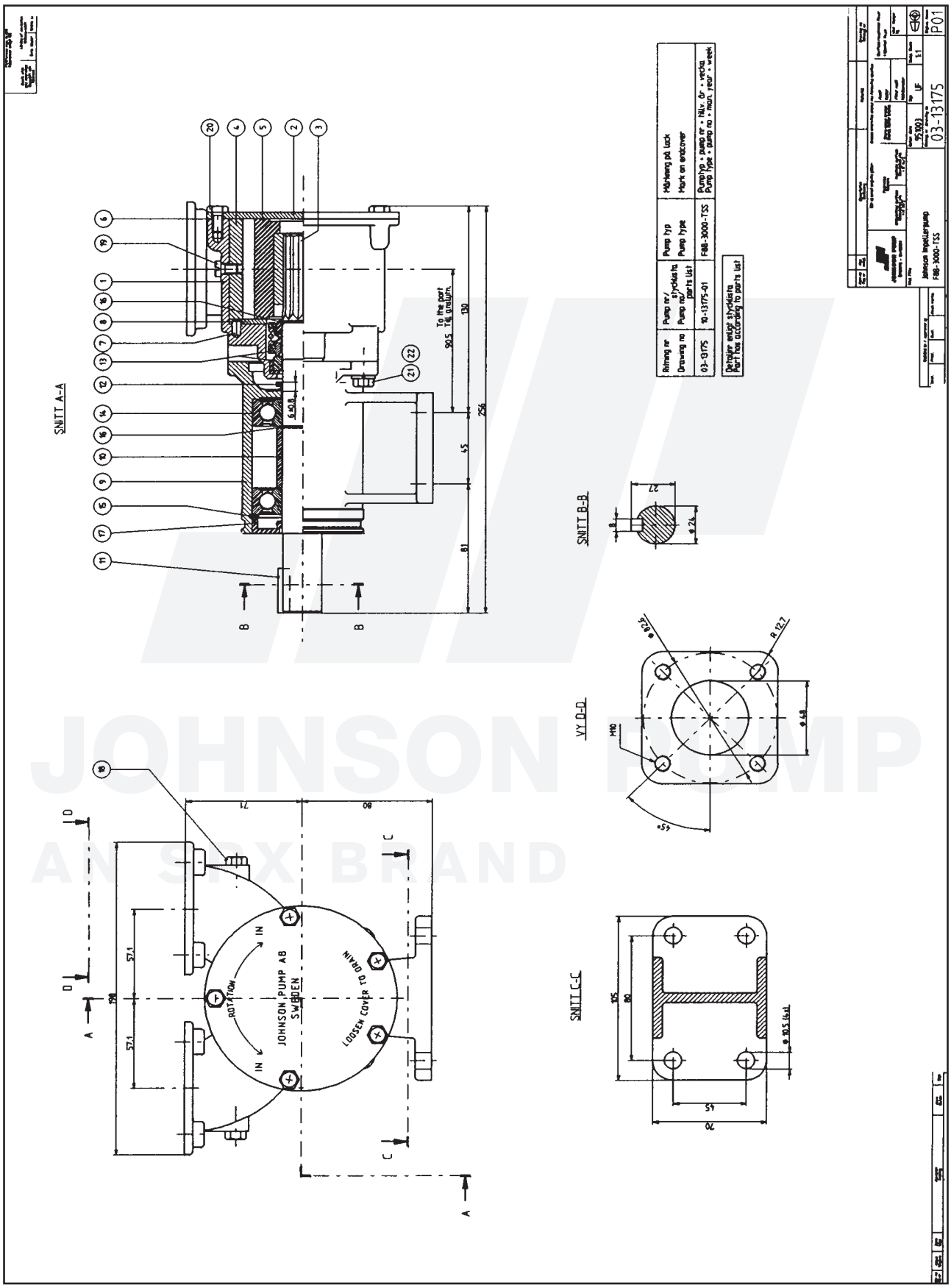

JOHNSON PUMP
AN SPX BRAND

F9B-3000 Impeller pump
Art. No. 10-13026-1

Part no.	Description GB	Position	Quantity
01-11358-1	BODY F9B-	1	1
01-42422-1	ENDCOVER F8B/F9B-	2	1
01-35137	SHAFT F8/F9B-3000	3	1
01-43137	CAM 1/1 F9B-	4	1
08-802B	IMPELLER	5	1
01-42424	GASKET F8B/F9B-	6	1
01-42426	PIN	7	1
01-42423	WEARPLATE F8/F80/F9/F95B-	8	1
01-13020	PEDESTAL F8/F9B-3000/-5000	9	1
01-42747	SPACER F8/F9	10	1
0.2234.337	LIP SEAL 25X62X10 BA	11	1
0.2230.319	V-GASKET V 25A NBR70	12	1
0.2247.051	MECH.SEAL COMPL 1" 106BT2C1	13	1
0.3431.780	BALL BEARING 6305-2RS1	14	2
0.0371.062	RETAIN. RING BORE D62 DIN472 SPRST	15	1
0.0370.525	EXT. CIRCLIP D25 DIN471 ST	16	2
0.0502.231	KEY 8X7-28 DIN6885A C45K	17	1
01-46794-02	SCREW 1/4"-20UNCX10 AL.BRONZE	19	1
0.0144.200	BOLT 1/4"-20UNCX1/2" SS1943 A4	20	5
0.0144.002	BOLT 5/16"-18UNCX20 SS1943	21	4
0.0353.309	SPRINGWASH D8.2 DIN127 STZN	22	4

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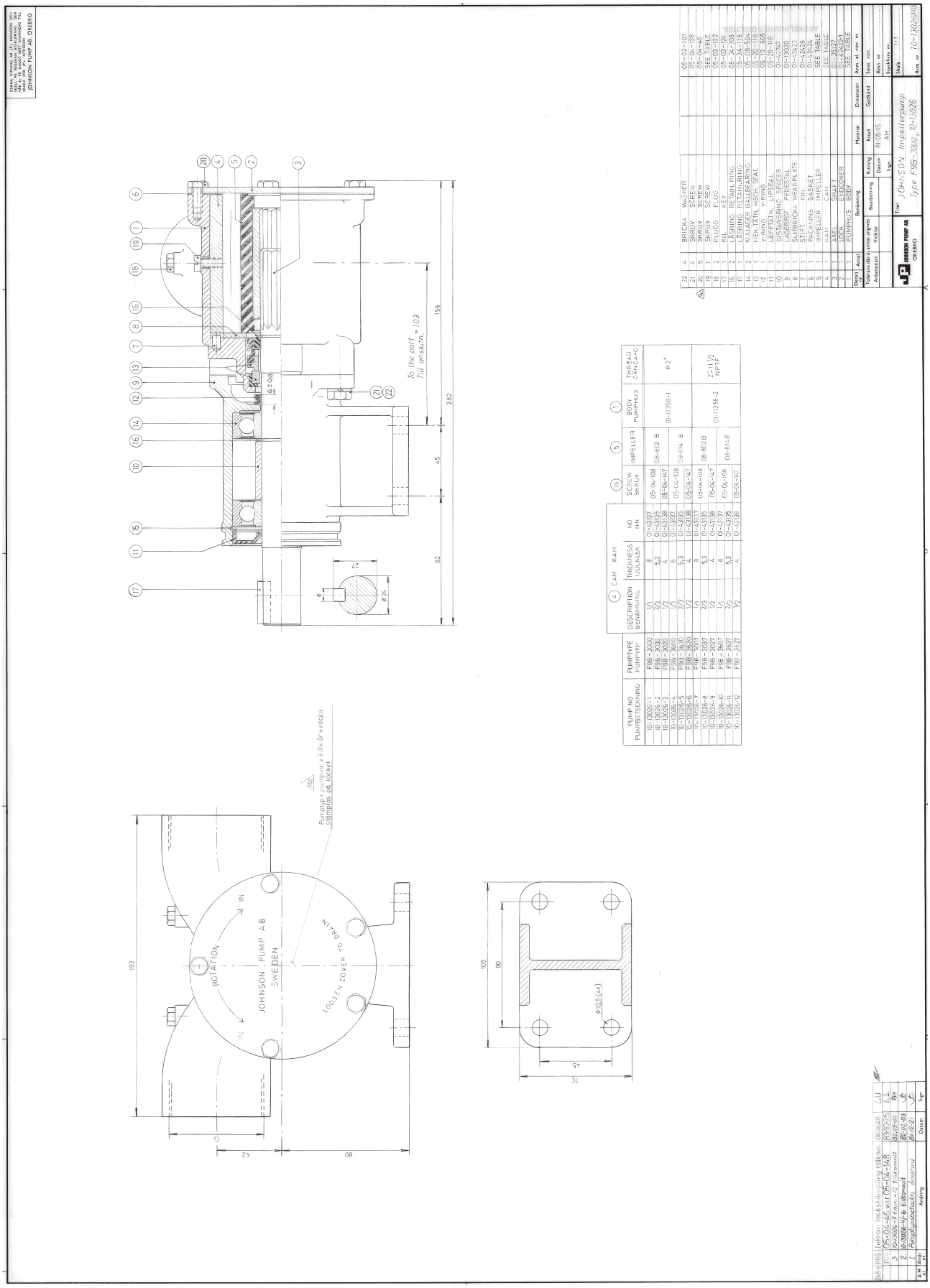
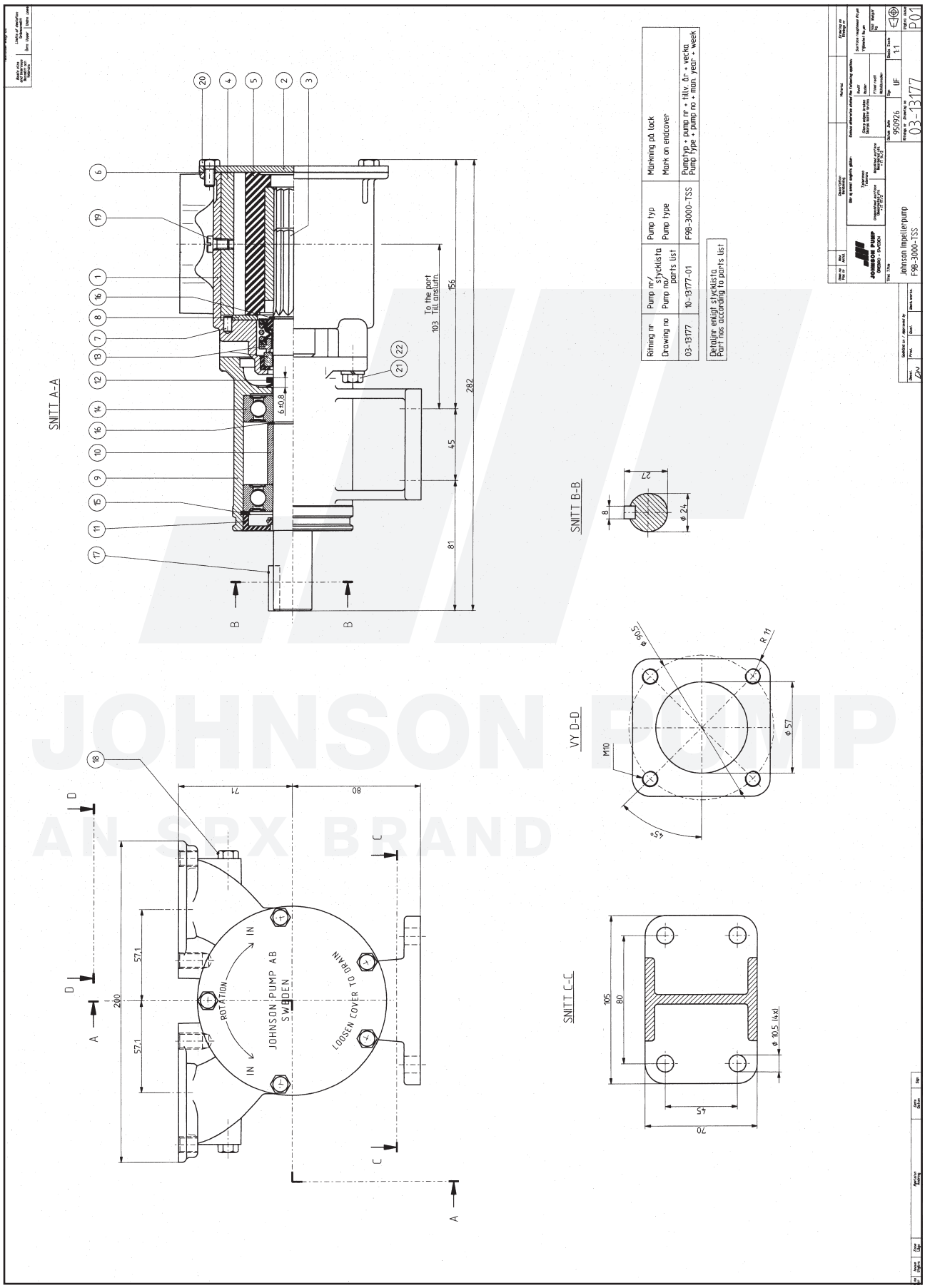


F9B-3000-TSS Impeller pump
Art. No. 10-13177-01

Part no.	Description GB	Position	Quantity
01-13003	BODY F9B	1	1
01-42422-1	ENDCOVER F8B/F9B-	2	1
01-35137	SHAFT F8/F9B-3000	3	1
01-43137	CAM 1/1 F9B-	4	1
08-802B	IMPELLER	5	1
01-42424	GASKET F8B/F9B-	6	1
01-42426	PIN	7	1
01-42423	WEARPLATE F8/F80/F9/F95B-	8	1
01-13020	PEDESTAL F8/F9B-3000/-5000	9	1
01-42747	SPACER F8/F9	10	1
0.2234.337	LIP SEAL 25X62X10 BA	11	1
0.2230.319	V-GASKET V 25A NBR70	12	1
0.2247.051	MECH.SEAL COMPL 1" 106BT2C1	13	1
0.3431.780	BALL BEARING 6305-2RS1	14	2
0.0371.062	RETAIN. RING BORE D62 DIN472 SPRST	15	1
0.0370.525	EXT. CIRCLIP D25 DIN471 ST	16	2
0.0502.231	KEY 8X7-28 DIN6885A C45K	17	1
01-46794-02	SCREW 1/4"-20UNCX10 AL.BRONZE	19	1
0.0144.200	BOLT 1/4"-20UNCX1/2" SS1943 A4	20	5
0.0144.002	BOLT 5/16"-18UNCX20 SS1943	21	4
0.0353.309	SPRINGWASH D8.2 DIN127 STZN	22	4

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB

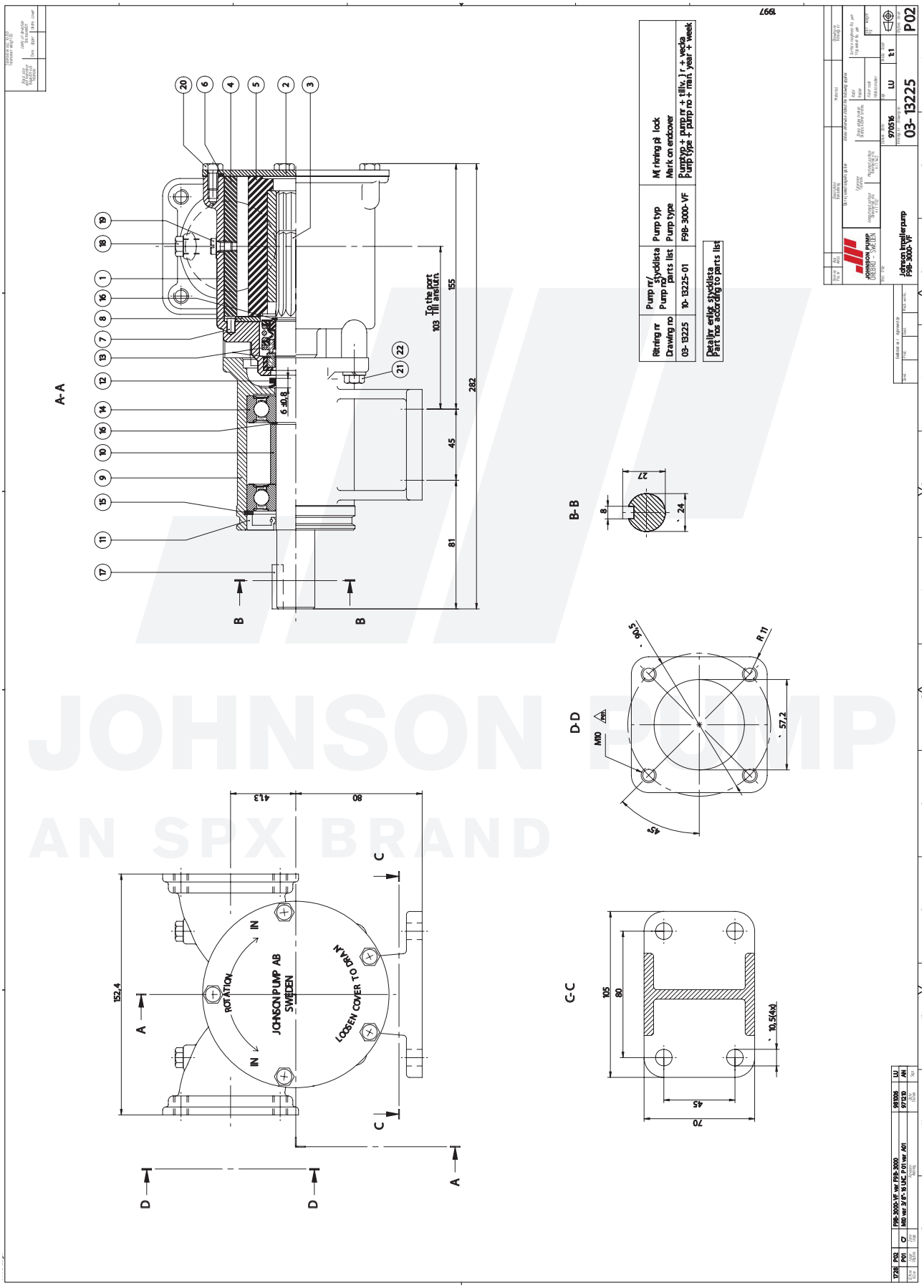


JOHNSON PUMP
AN SPX BRAND

F9B-3000 Impeller pump
Art. No. 10-13225-01

Part no.	Description GB	Position	Quantity
01-13224-1	BODY F9B-	1	1
01-42422-3	ENDCOVER F8B/F9B- (O-RING)	2	1
01-35137	SHAFT F8/F9B-3000	3	1
01-43137	CAM 1/1 F9B-	4	1
08-802B	IMPELLER	5	1
0.2172.142	O-RING 90.00X2.5 NBR70	6	1
01-42426	PIN	7	1
01-42423	WEARPLATE F8/F80/F9/F95B-	8	1
01-13020	PEDESTAL F8/F9B-3000/-5000	9	1
01-42747	SPACER F8/F9	10	1
0.2234.337	LIP SEAL 25X62X10 BA	11	1
0.2230.319	V-GASKET V 25A NBR70	12	1
0.2247.051	MECH.SEAL COMPL 1" 106BT2C1	13	1
0.3431.780	BALL BEARING 6305-2RS1	14	2
0.0371.062	RETAIN. RING BORE D62 DIN472 SPRST	15	1
0.0370.525	EXT. CIRCLIP D25 DIN471 ST	16	2
0.0502.231	KEY 8X7-28 DIN6885A C45K	17	1
01-46794-02	SCREW 1/4"-20UNCX10 AL.BRONZE	19	1
0.0144.200	BOLT 1/4"-20UNCX1/2" SS1943 A4	20	5
0.0144.002	BOLT 5/16"-18UNCX20 SS1943	21	4
0.0353.309	SPRINGWASH D8.2 DIN127 STZN	22	4

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB

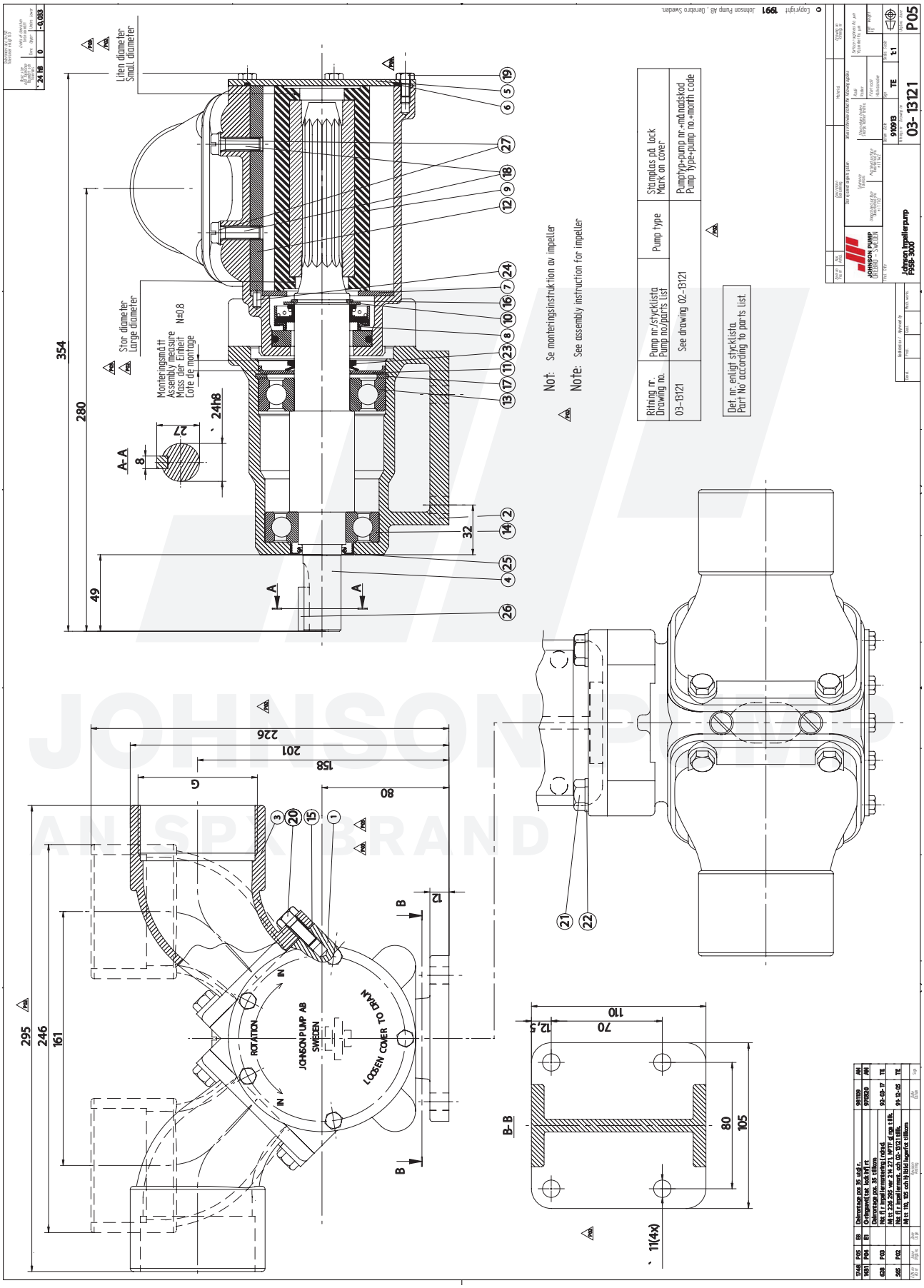


JOHNSON PUMP
AN SPX BRAND

F95B-3000 Impeller pump
Art. No. 10-13121-01

Part no.	Description GB	Position	Quantity
01-13119-2	BODY F95B-9	1	1
01-13131-1	BEARING HOUSING F95B-	2	1
01-24426-1	CONNECTION F95B-3000/-5000	3	2
01-35694	SHAFT F95B-	4	1
01-35284-2	ENDCOVER F9B/F95B O-RING	5	1
0.2172.142	O-RING 90.00X2.5 NBR70	6	1
01-42423	WEARPLATE F8/F80/F9/F95B-	7	1
0.2247.018	MECH.SEAL CPL FA35.60.16	8	1
08-820B	IMPELLER F95B-	9	1
01-46323	WASHER F95B-	10	1
01-46322	WASHER F95B-	11	1
01-35744	CAM 1/1 F95B-	12	1
0.3431.743	BALL BEARING 6307 2 RS1 ST	13	1
0.3431.043	BALL BEARING 6306 2 RS C3 ST	14	1
01-46319	GASKET F95B-	15	2
0.0370.535	EXT. CIRCLIP D35 DIN471 BRONZE	16	1
0.0371.080	RETAIN. RING BORE D80 DIN472 SPRST	17	1
01-46794-09	SCREW M8X25 AL.BRONZE	18	2
0.0138.134	TAP BOLT M6X12 DIN933 A2	19	5
0.0141.917	TAP BOLT M8X22 DIN934 8.8ZP	20	8
0.0141.922	TAP BOLT M10X25 DIN933 8.8ZP	21	4
0.0353.111	SPRING WASHER D10.2 DIN127B A2	22	4
0.2230.322	V-GASKET V 35A NBR70	23	1
01-42426	PIN	24	1
0.2233.008	OIL SEAL 25X40X7 BAUSL NBR	25	1
0.0502.231	KEY 8X7-28 DIN6885A C45K	26	1

The product, i.e. concept, design and construction, is the property of SPX Johnson Pump Marine AB



JOHNSON PUMP
AN SPX BRAND

Multipurpose

Multipurpose

JOHNSON PUMP

AN SPX BRAND

Performance curves

Cooling capacity

The required output of the cooling pump – raw water as well as fresh water handling – is related to:

- engine size and type (gasoline or diesel)
- type of cooling system (size of heat exchanger)
- water cooled engine oil, reverse gear, exhaust system

Contact your local dealer for more information, or for indirect cooling systems your supplier of heat exchangers.

Performance curves

Pump	Page
F35B	425
F4B	425
F4B High speed	426
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F5B High speed	427
F6B High speed	427
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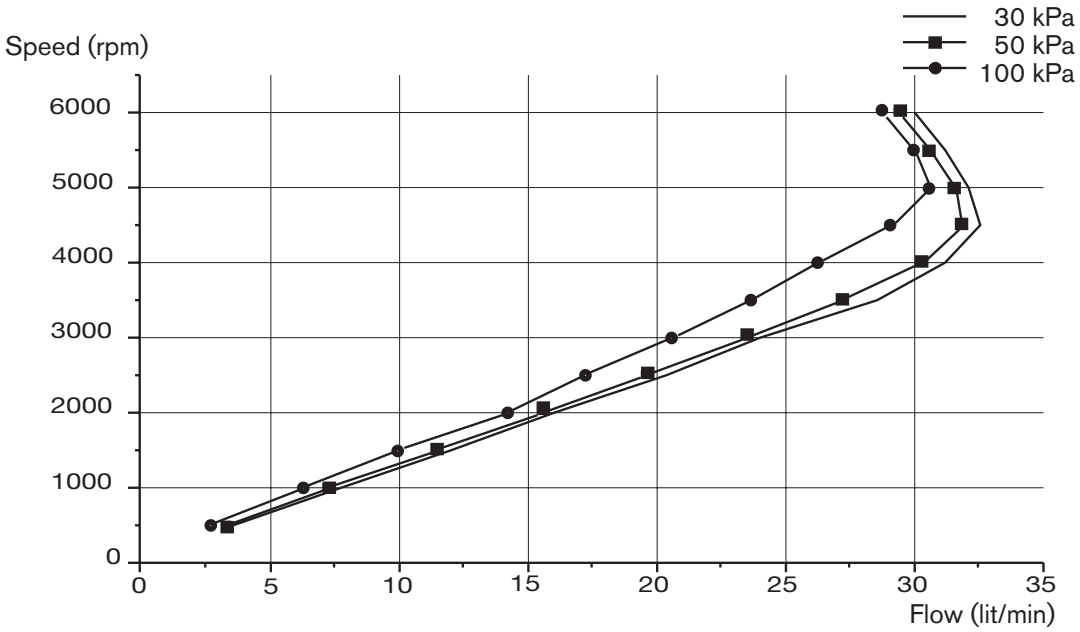
F75B	428
F8B	429
F9B (impeller 08-802B)	429
F9B (impeller 08-814B)	430
F95B	430

JOHNSON PUMP

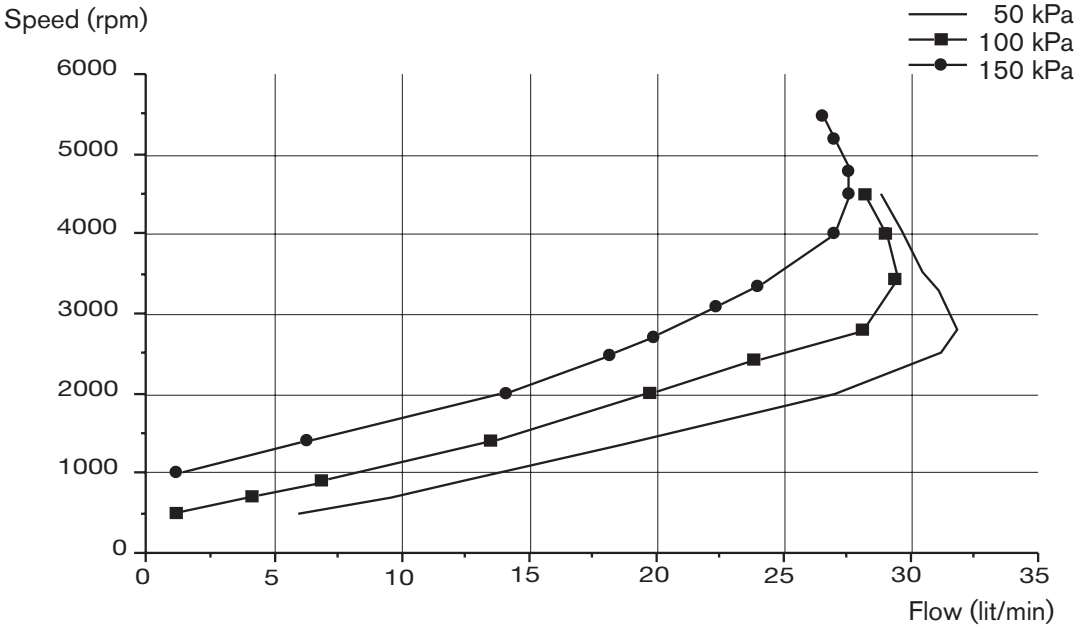
AN SPX BRAND

All performance curves are based on water at 20°C (68°F) and full cam.

F35B Standard Pump

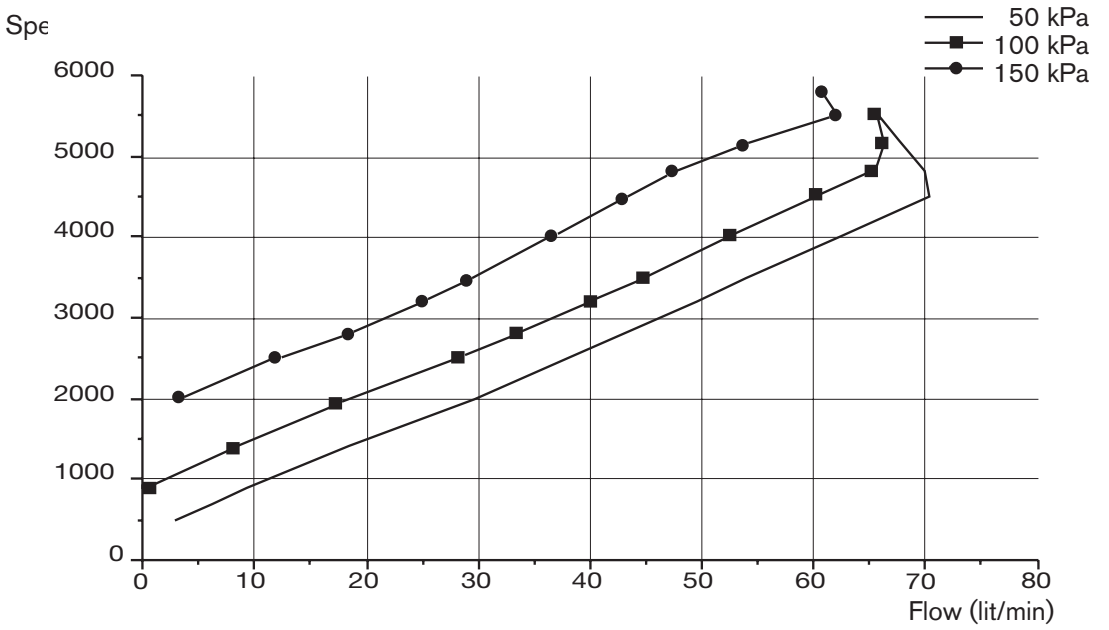


F4B Standard Pump

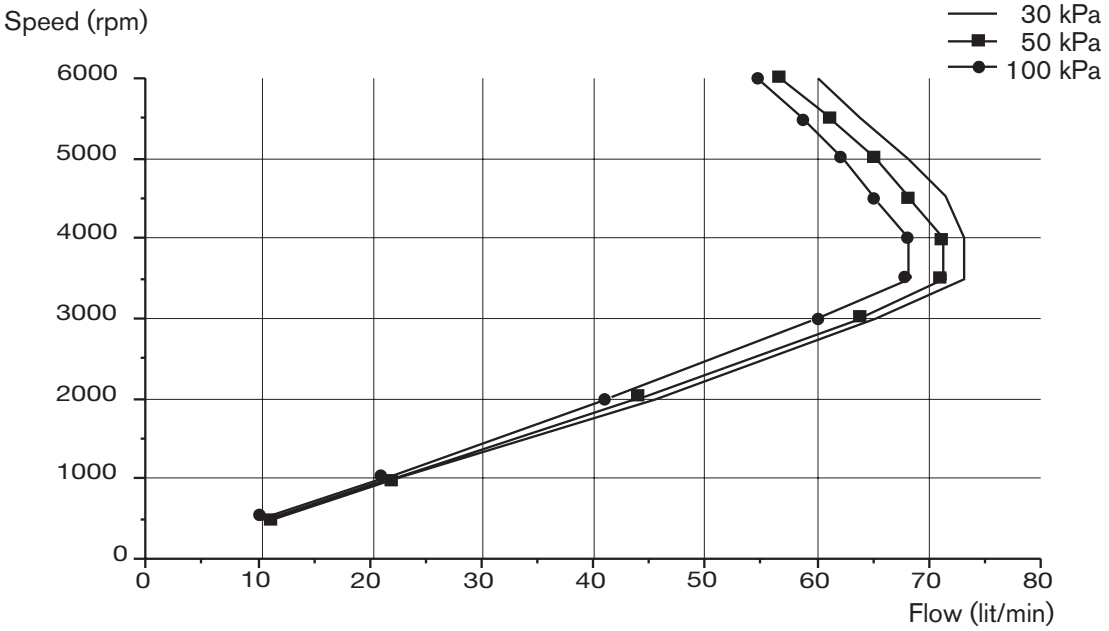


All performance curves are based on water at 20°C (68°F) and full cam.

F4B High Speed Standard Pump

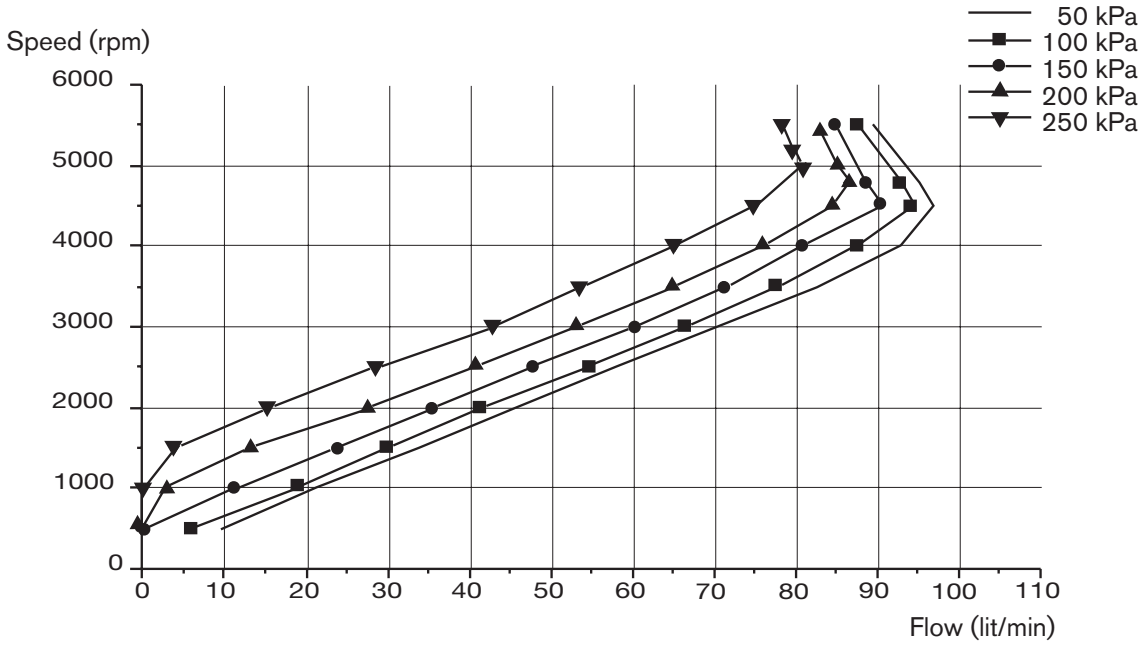


F5B Standard Pump

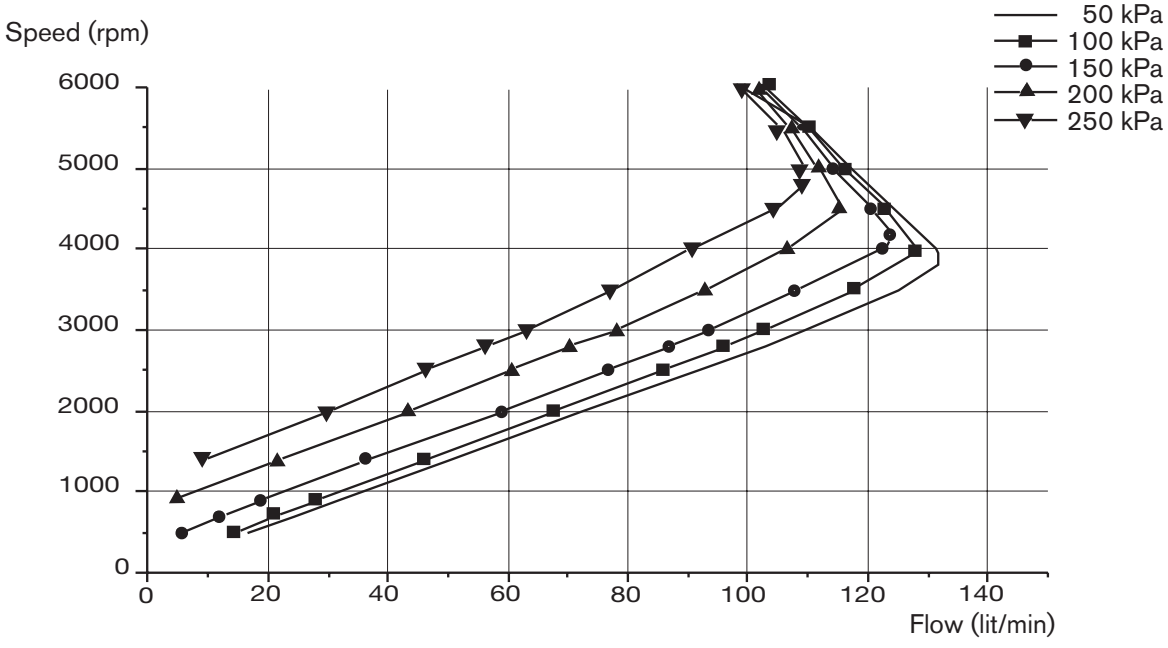


All performance curves are based on water at 20°C (68°F) and full cam.

F5B High Speed Standard Pump

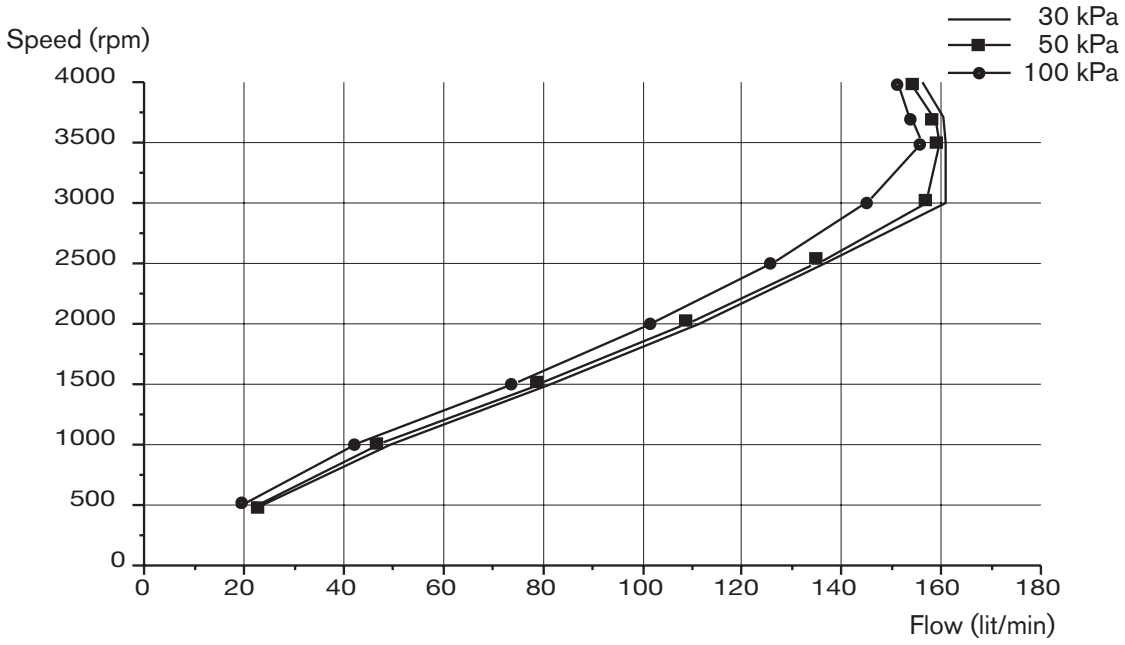


F6B High Speed Standard Pump

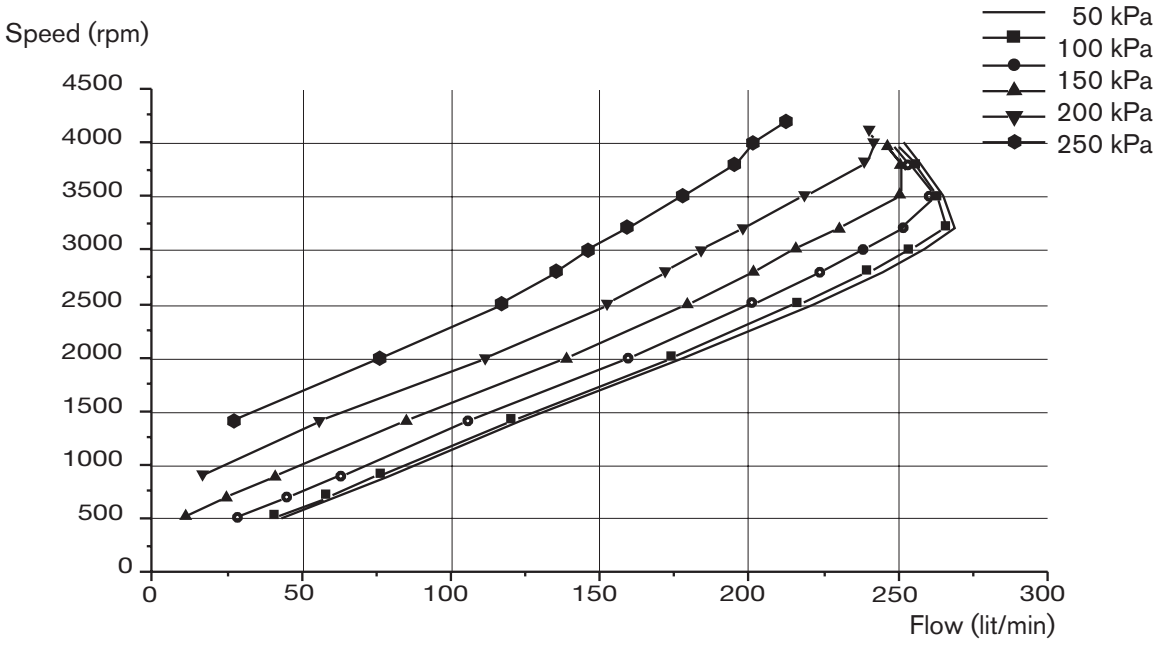


All performance curves are based on water at 20°C (68°F) and full cam.

F7B Standard Pump

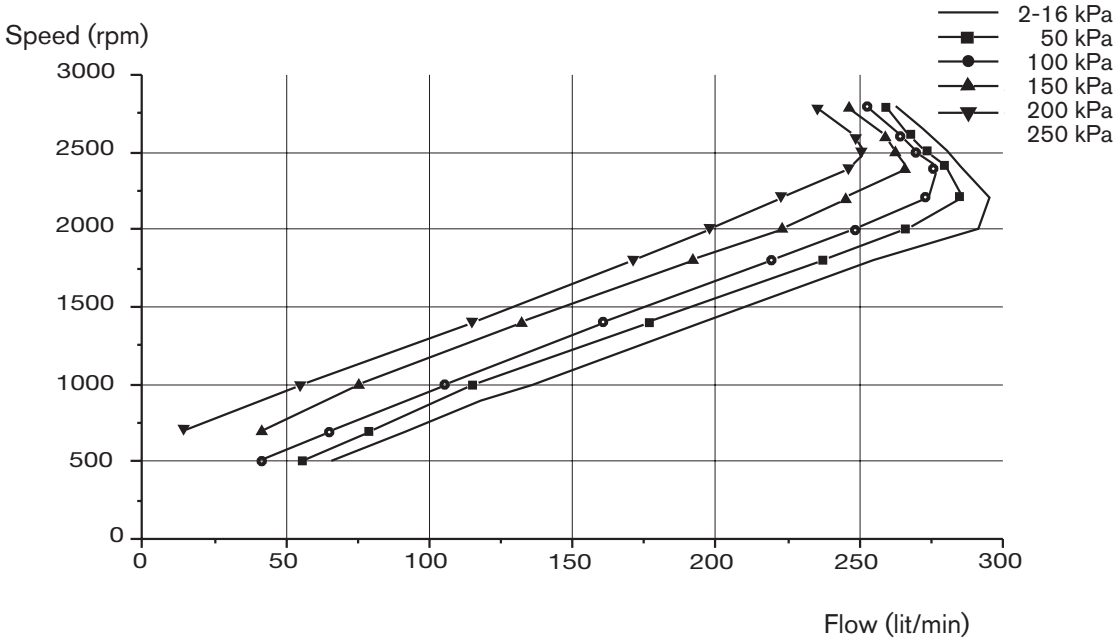


F75B Standard Pump

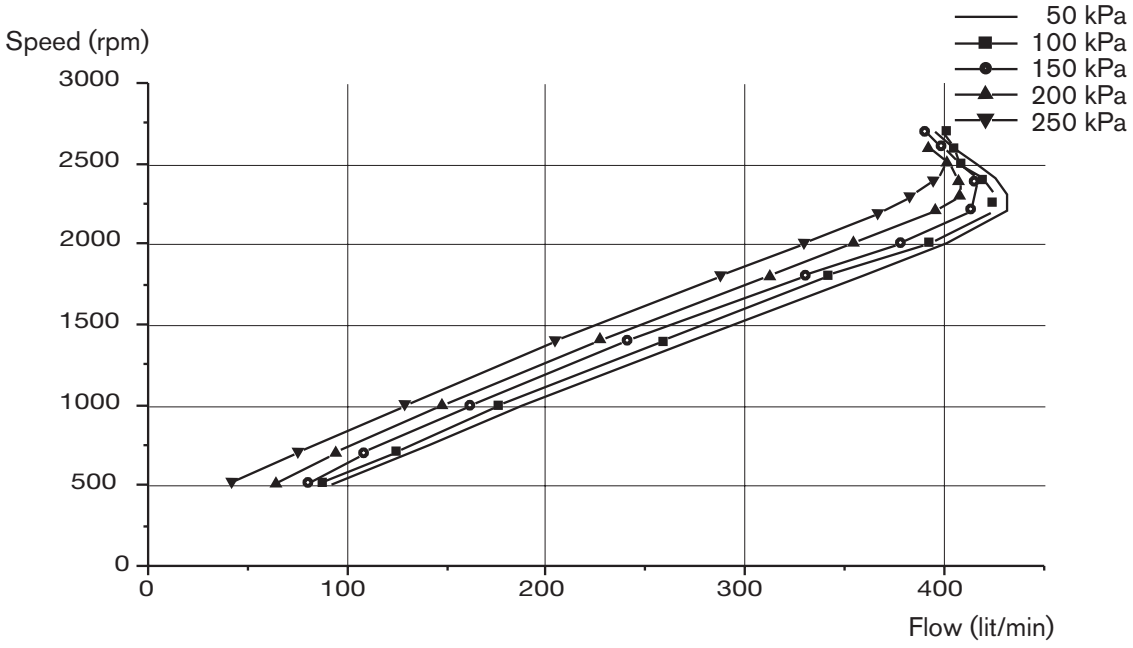


All performance curves are based on water at 20°C (68°F) and full cam.

F8B Standard Pump

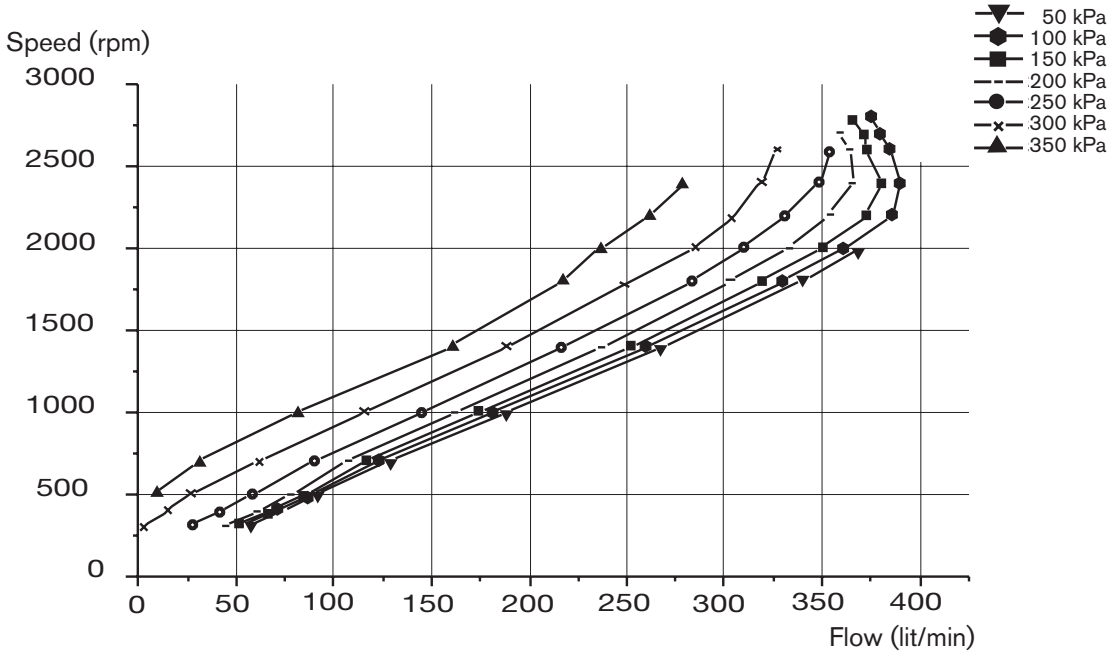


F9B Standard Pump (impeller 08-802B)

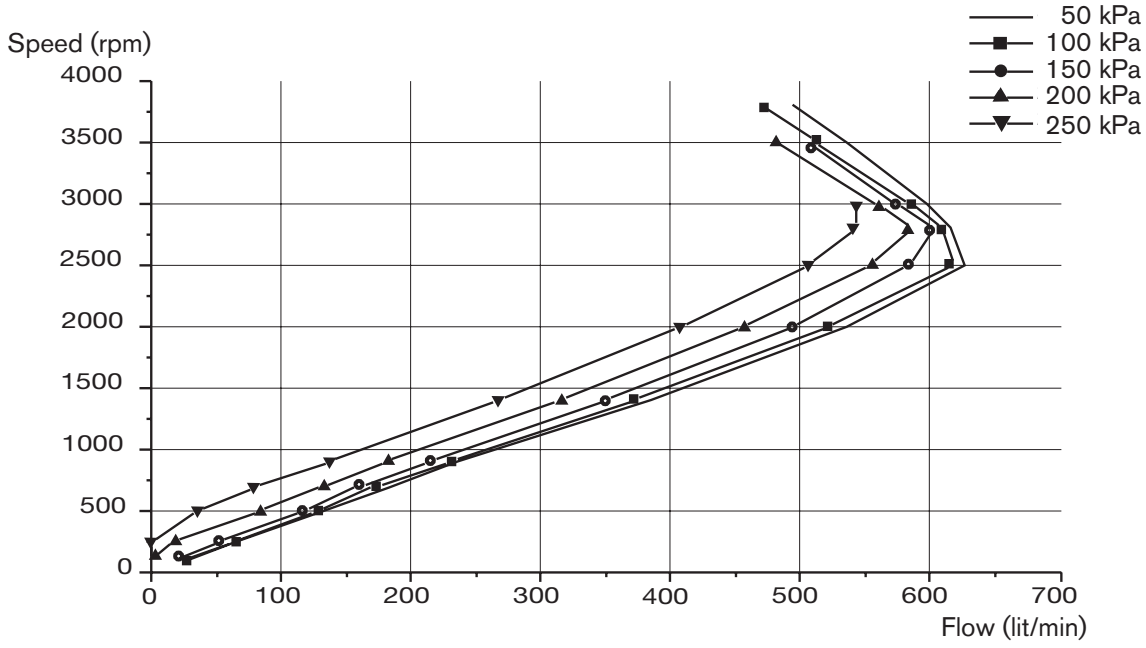


All performance curves are based on water at 20°C (68°F) and full cam.

F9B Standard Pump (impeller 08-814B)



F95B Standard Pump



Spare parts

Impellers

Cams

Gaskets

O-rings

Endcovers

Wear plates

Service Kit and Part Reference Guide

Take good care of the cooling system

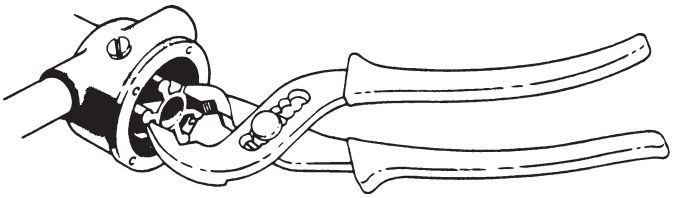
Change to a new impeller every year

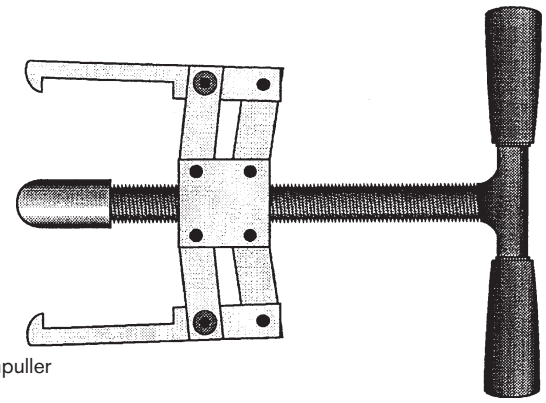
The impeller is a very important security device. Its task is to pump the water through the cooling system of the engine. But remember that the impeller should be replaced every year.

And always make sure you use a Johnson Pump original impeller. This will ensure that the quality complies with the performance and dimension requirements for each pump type. Johnson Pump impellers are manufactured in strict complience with the pump specifications set by the engine manufacturers.

This is how to remove the old impeller

Remove the impeller with a slip joint plier or a Johnson Impuller.

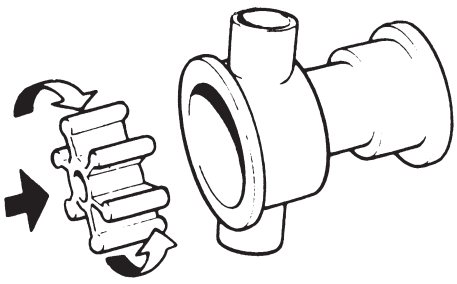




Order No.
09-950-9300 – Johnson Impuller

This is how to fit the new one

Lubricate the shaft and the inside of the pump body and endcover. Use soap, grease or oil. By doing so you avoid dry friction when you start the engine. Mount the impeller by making a pushing and twisting movement in the rotating direction.



Impellers

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F5	01-42399	471
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Service Kit and Part Reference Guide

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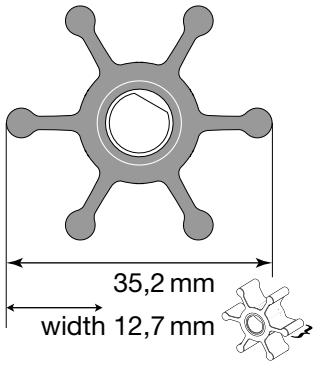
JOHNSON PUMP

AN SPX BRAND

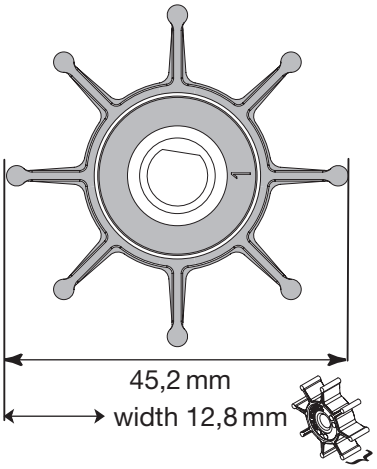
Impellers

F2

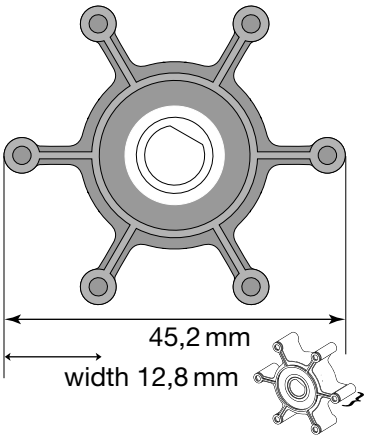
Impeller article number 09-1077B-9
Nitrile (oil resistant)



F3

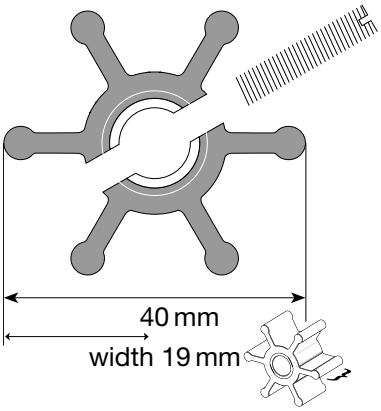


Impeller article number 09-843S-9
Nitrile (oil resistant)
for F3B-19

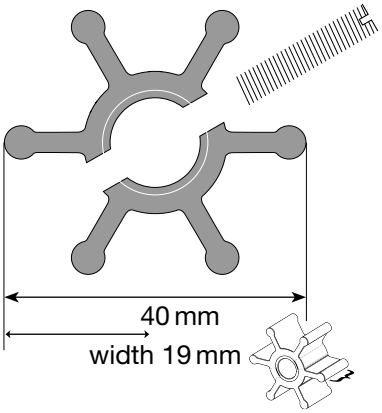


Impeller article number 09-1052S-9
Nitrile (oil resistant)
for TA3P-10

F35

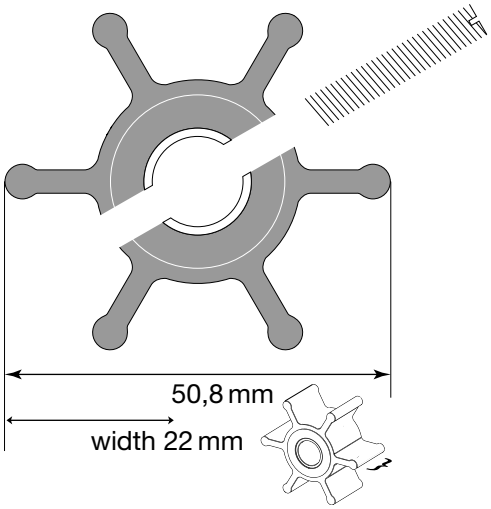


Impeller article number 09-806B
Neoprene (for cooling)
replaces Jabsco 4528-0001 Europe & USA
inner diameter 9,5 mm

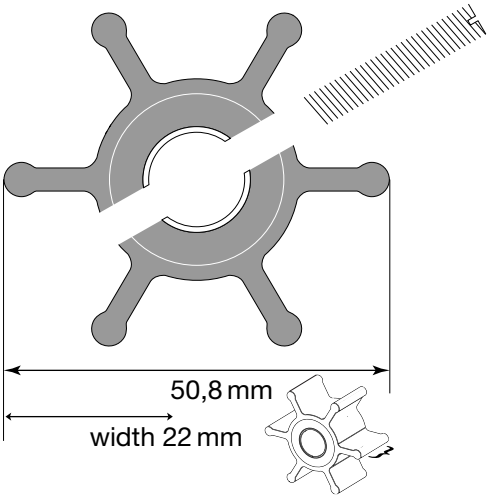


Impeller article number 09-808B
Neoprene (for cooling)
replaces Jabsco 22405-0001 Europe & USA
inner diameter 12 mm

F4

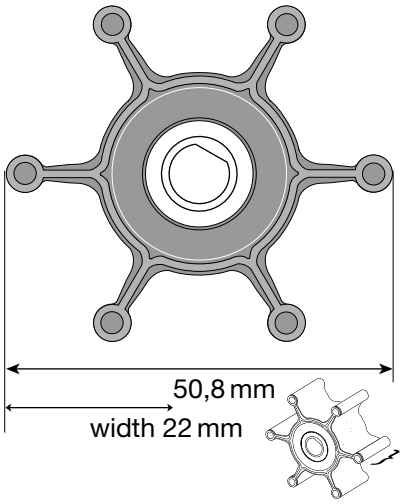


Impeller article number 09-810B
Neoprene (for cooling)
replaces Jabsco 18653-0001 Europe & USA
Impeller article number 09-810B-9
Nitrile (oil resistant)
inner diameter 12 mm

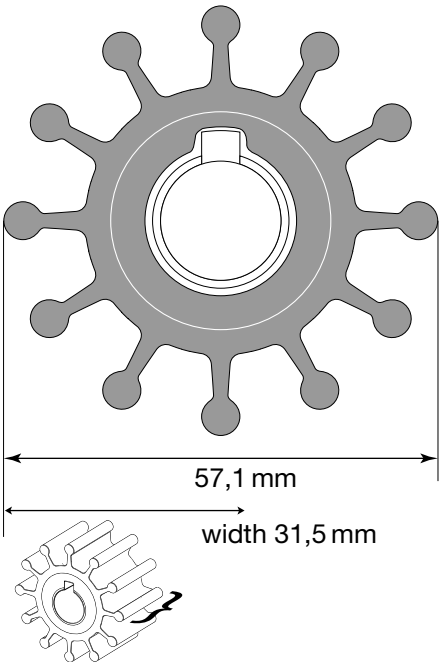


Impeller article number 09-1026B
Neoprene (for cooling)
replaces Jabsco 673-0001 Europe & USA
Impeller article number 09-1026B-9
Nitrile (oil resistant)
replaces Jabsco 673-0003 Europe&USA
inner diameter 12,7 mm

F4

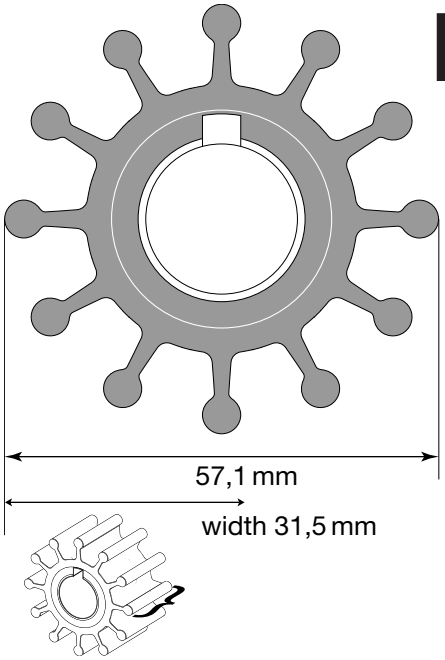


Impeller article number 09-824P
Nitrile (oil resistant)
replaces Jabsco 6303-0003 Europe & USA



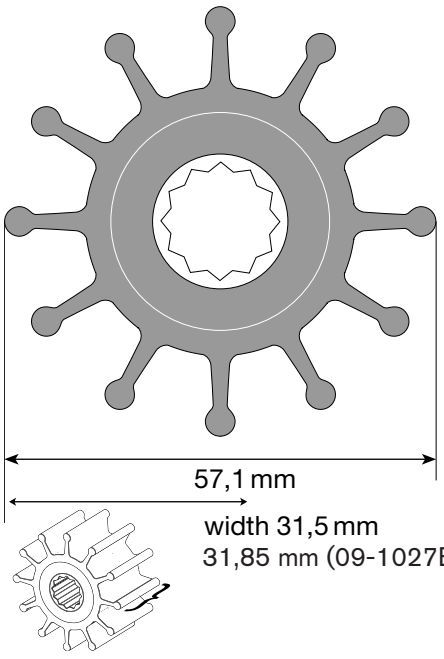
Impeller article number 09-801B
Neoprene (for cooling)
replaces Jabsco 4568-0001 Europe&USA
inner diameter 15,9 mm/key

F5



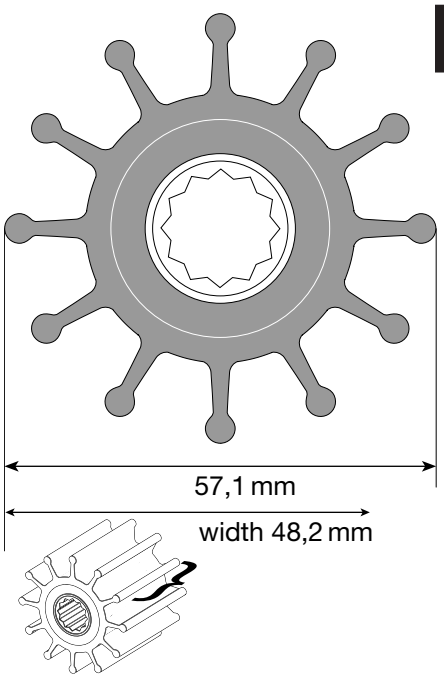
Impeller article number 09-804B-9
Nitrile (oil resistant)
inner diameter 20 mm/key

F5



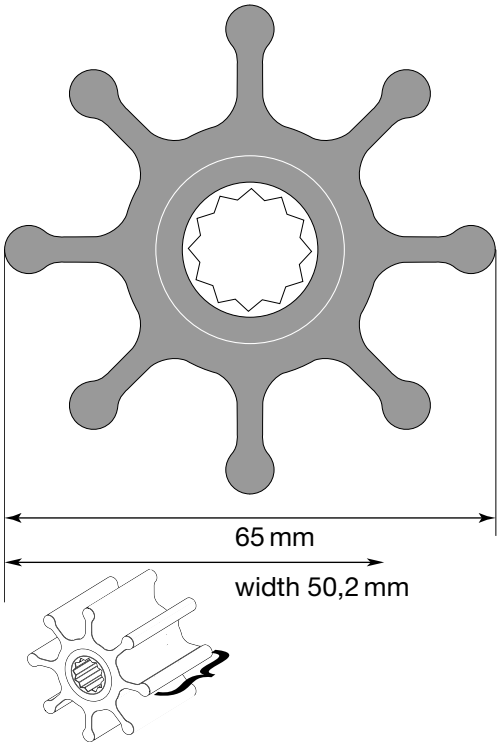
Impeller article number 09-1027B
Neoprene (for cooling)
replaces Jabsco 1210-0001 Europe&USA
Impeller article number 09-1027B-9
Nitrile (oil resistant)
replaces Jabsco 1210-0003 Europe&USA
Impeller article number 09-1027B-10
MC97

F6



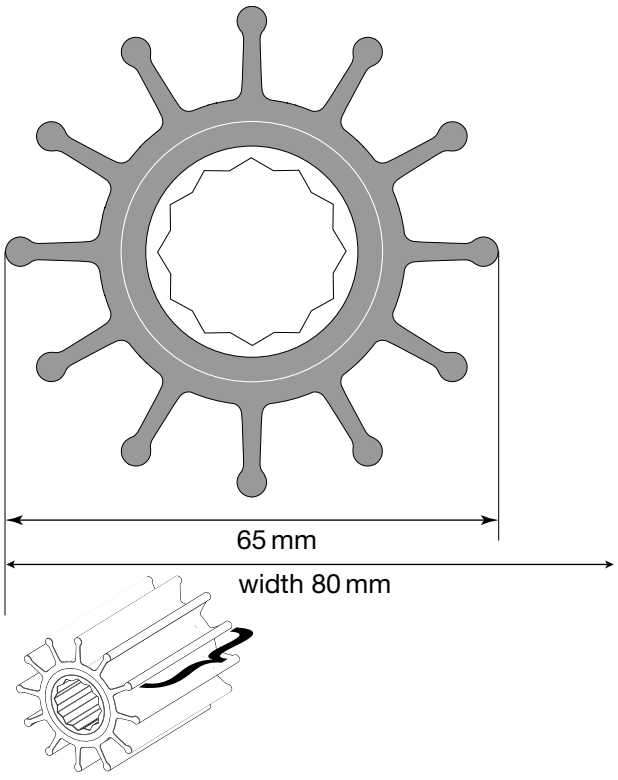
Impeller article number 09-812B
Neoprene (for cooling)
replaces Jabsco 13554-0001 USA

F7



Impeller article number 09-1028B
Neoprene (for cooling)
replaces Jabsco 17937-0001 Europe & USA
Impeller article number 09-1028B-9
Nitrile (oil resistant)
replaces Jabsco 17937-0003 Europe&USA

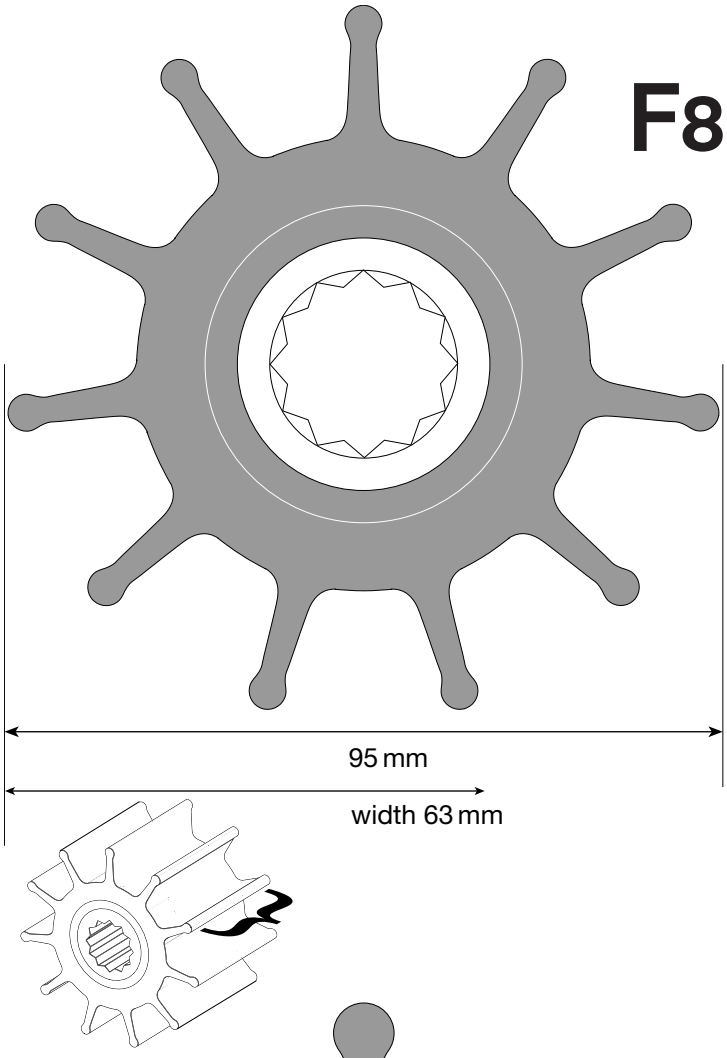
F75



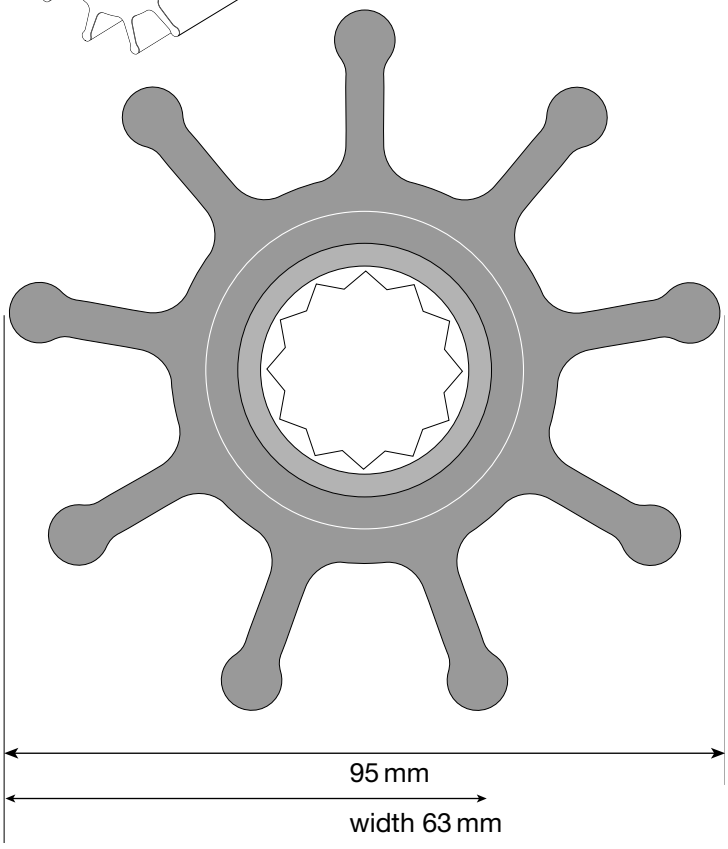
Impeller article number 09-821B
Neoprene (for cooling)

F8

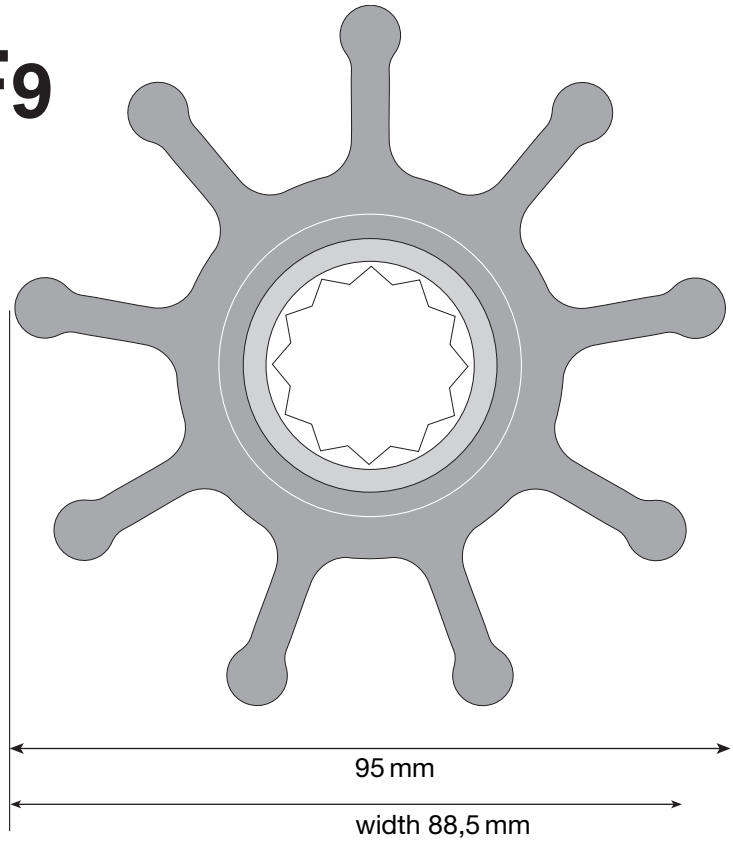
Impeller article number 09-819B
Neoprene (for cooling)
replaces Jabsco 836-0001 Europe & 17935-0001 USA
Impeller article number 09-819B-9
Nitrile (oil resistant)
replaces Jabsco 836-0003 Europe& 17935-0003 USA



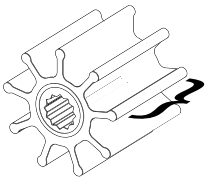
Impeller article number 09-1029B
Neoprene (for cooling)
replaces Jabsco 836-0001 Europe & 17935-001 USA



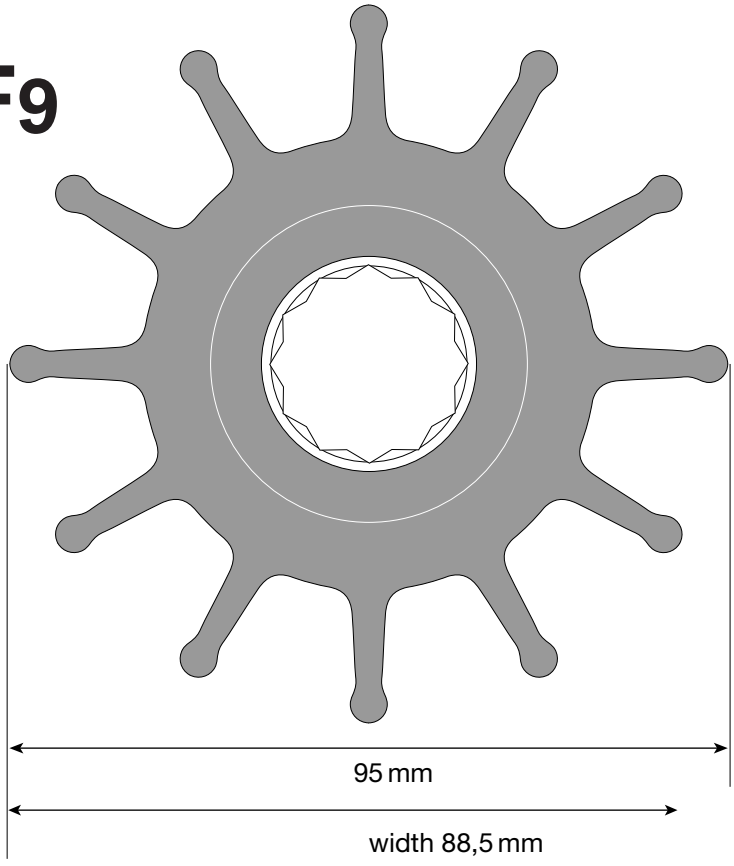
F9



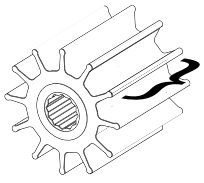
Impeller article number 09-802B
Neoprene (for cooling)
replaces Jabsco 6760-0001 Europe & USA



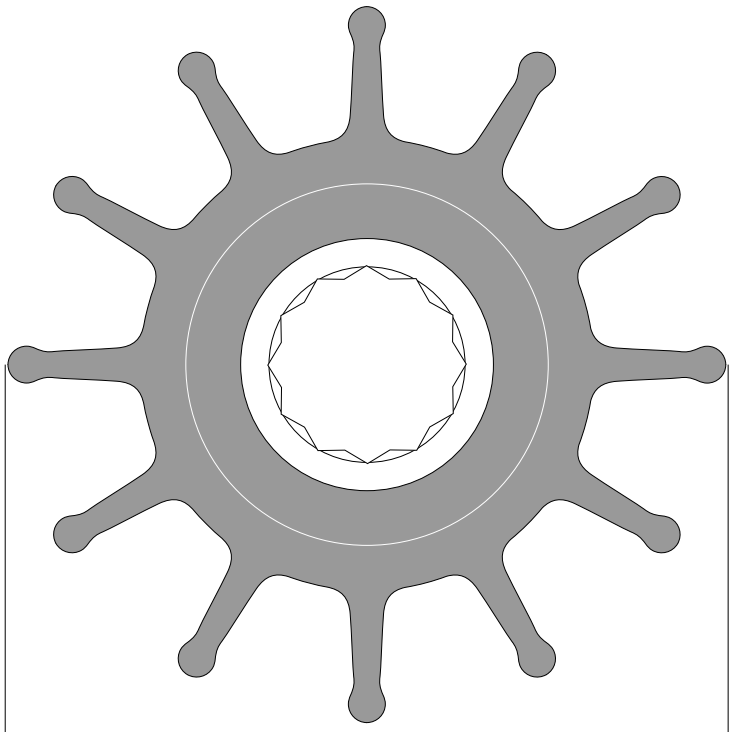
F9

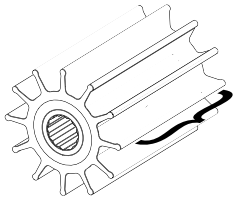


Impeller article number 09-814B
Neoprene (for cooling)
replaces Jabsco 21676-0001 Europe & 17936-0001 USA



F95

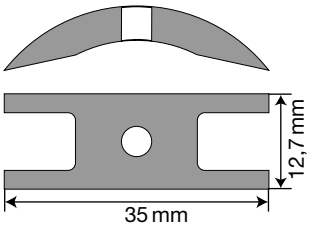




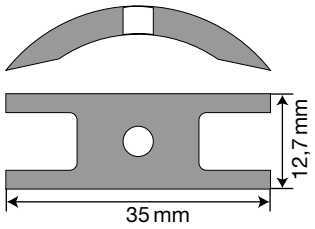
Impeller article number 09-820B
Neoprene (for cooling)

Cams

F3

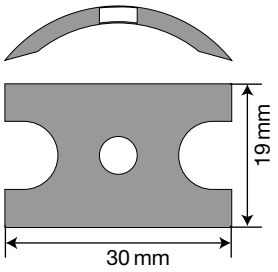


Cam article number 01-43140 (1/1)
Screw article number 0.0279.500 (05-04-162)
Washer article number 01-46790-01 (05-01-120)

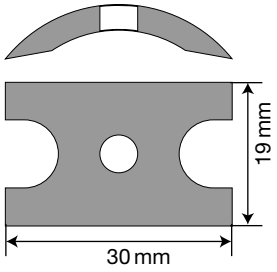


Cam article number 01-45548 (1/1)
Screw article number 0.0279.500 (05-04-162)
Washer article number 01-46790-01 (05-01-120)

F35

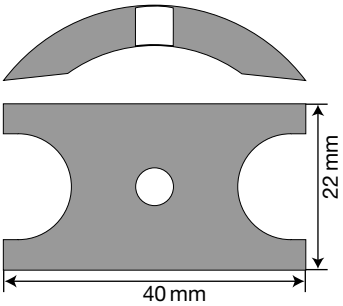


Cam article number 01-42415 (1/2)
replaces Jabsco 29303-01
Screw article number 01-46794-10 (05-04-553)
replaces Jabsco SP1002-01
Washer article number 01-46790-01 (05-01-120)

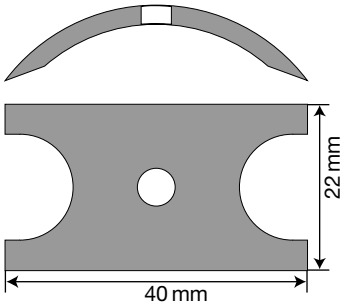


Cam article number 01-42910 (1/1)
replaces Jabsco 29303
Screw article number 01-46794-07 (05-04-114)
replaces Jabsco SP1002-09
Washer article number 01-46790-01 (05-01-120)

F4

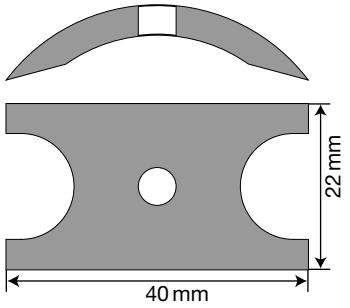


Cam article number 01-42389 (1/1)
replaces Jabsco 10818
Screw article number 01-46794-04 (05-04-115)
replaces Jabsco SP1002-02
Washer article number 01-46790-01 (05-01-120)

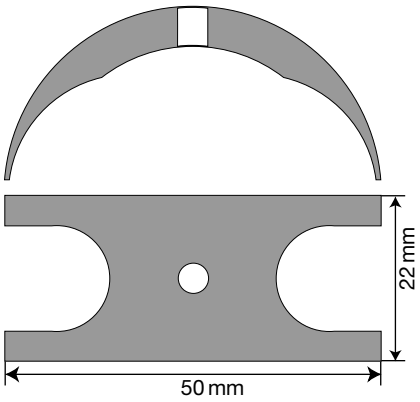


Cam article number 01-45084 (1/2)
replaces Jabsco 2441
Screw article number 0.0279.501 (05-04-163)
Washer article number 01-46790-01 (05-01-120)

F4



Cam article number 01-45288 (2/3)
replaces Jabsco 2907-0001
Screw article number 01-46794-03 (05-04-114)
replaces Jabsco SP1002-09
Washer article number 01-46790-01 (05-01-120)



Cam article number 01-45660 (1/1)
Screw article number 0.0279.501 (05-04-163)
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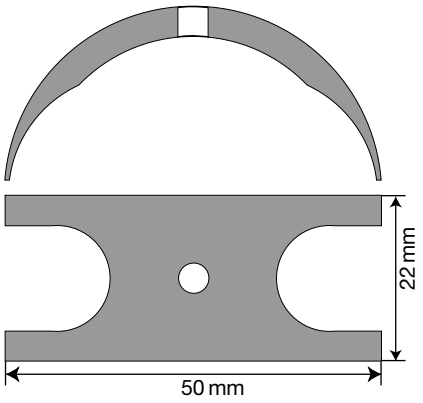
F4



Cam article number 01-45661 (2/3)
Screw article number 0.0279.501 (05-04-163)
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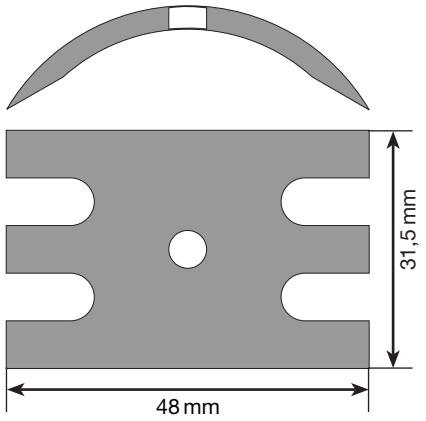
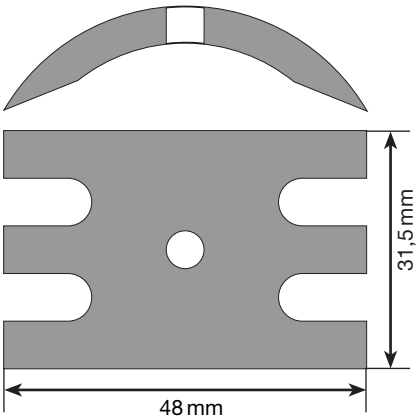
F5

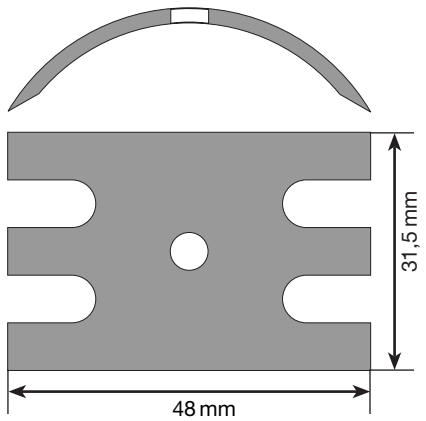


Cam article number 01-45014 (2/3) M5
replaces Jabsco 10338
Screw article number 0.0279.032 (05-04-175)
replaces Jabsco SP1003-09
Cam article number 01-45976 (2/3) Nr 10-32 UNF
Screw article number 01-46794-05

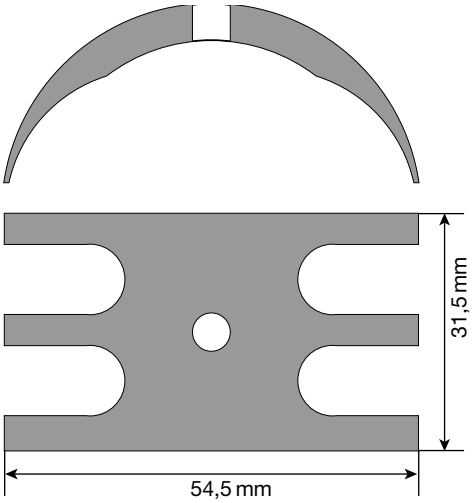
F5



Cam article number 01-42397 (1/1)
replaces Jabsco 490
Screw article number 01-46794-05 (05-04-117)
replaces Jabsco SP1003-09

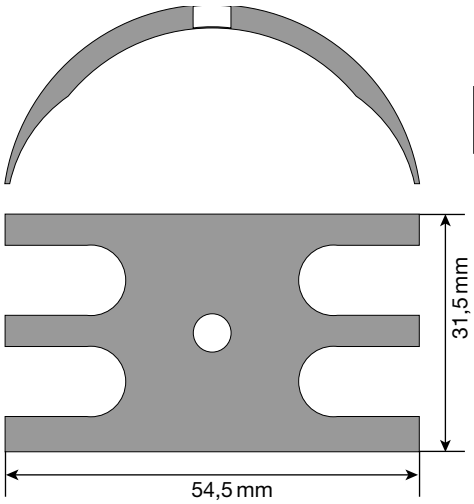


Cam article number 01-45199
Screw article number 0.0279.032 (05-04-175)



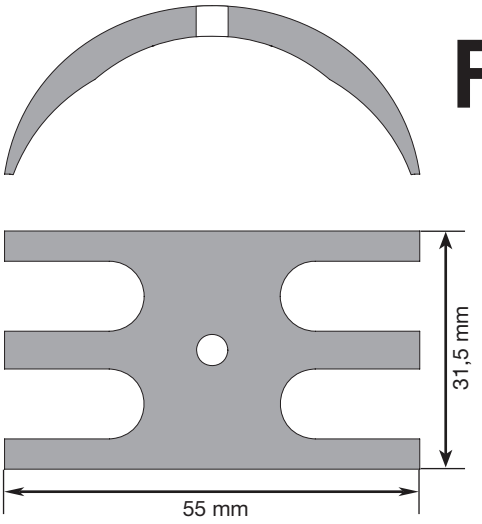
Cam article number 01-45329 (1/1)
Screw article number 0.0279.033 (05-04-174)

F5



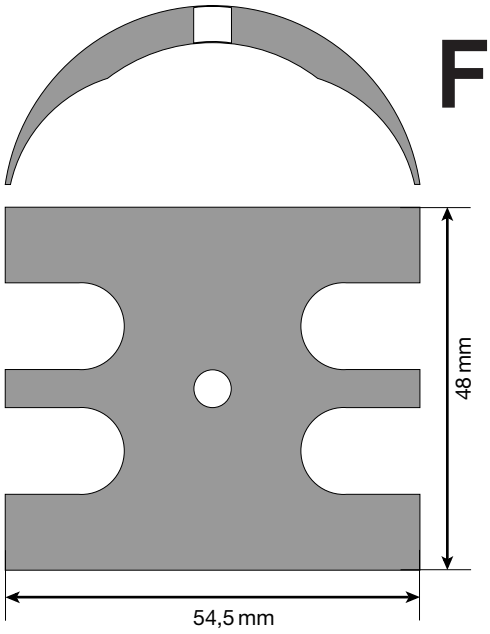
Cam article number 01-45656 (1/2)
Screw article number 0.0279.032 (05-04-175)

F5



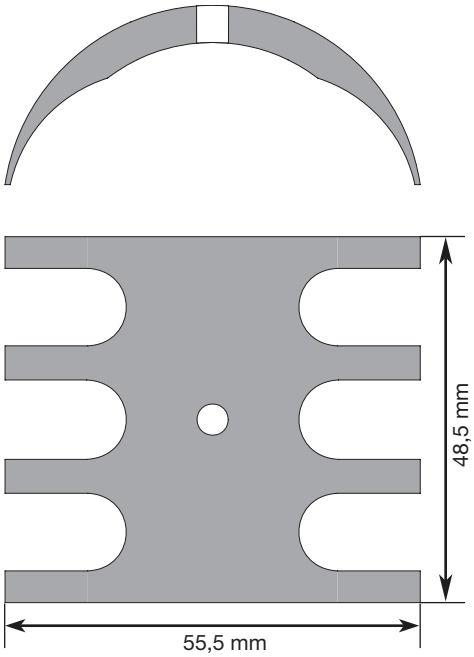
Cam article number 01-46706
Screw article number 0.0141.052

F6



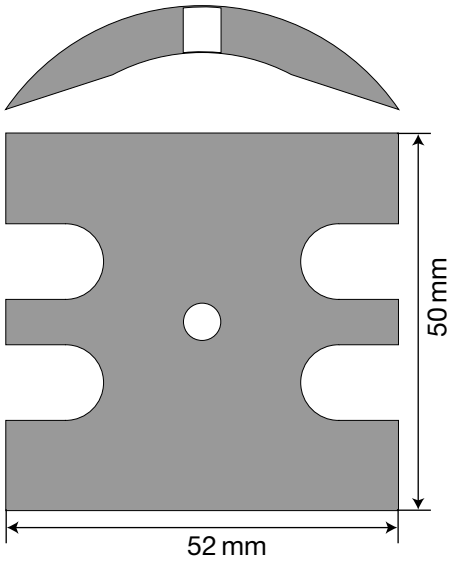
Cam article number 01-45670 (1/1)
Screw article number 0.0279.033 (05-04-174)

F6



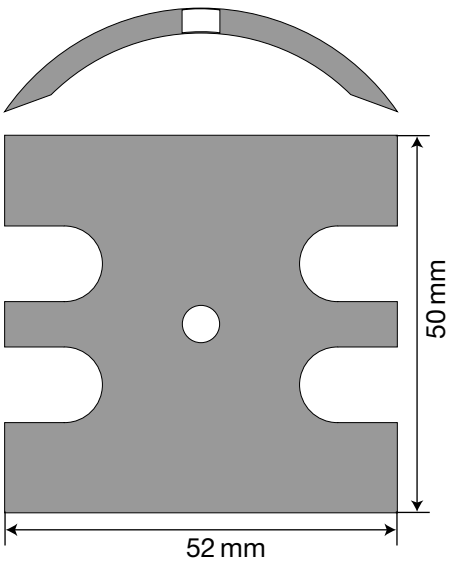
Cam article number 01-46502 (1/1)
Screw article number 0.0279.033

F7

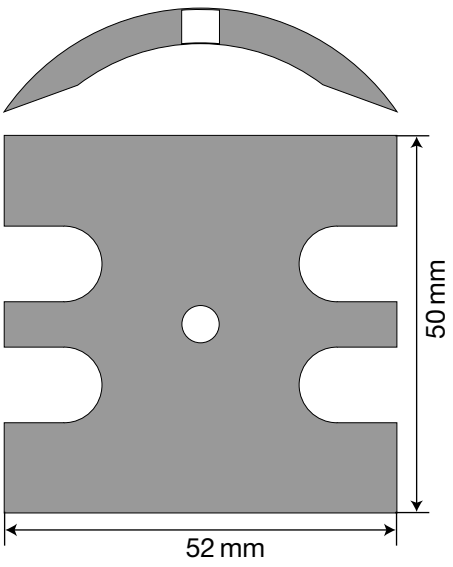


Cam article number 01-42679 (1/1)
replaces Jabsco 934
Screw article number 01-46794-01 (05-04-107)

F7

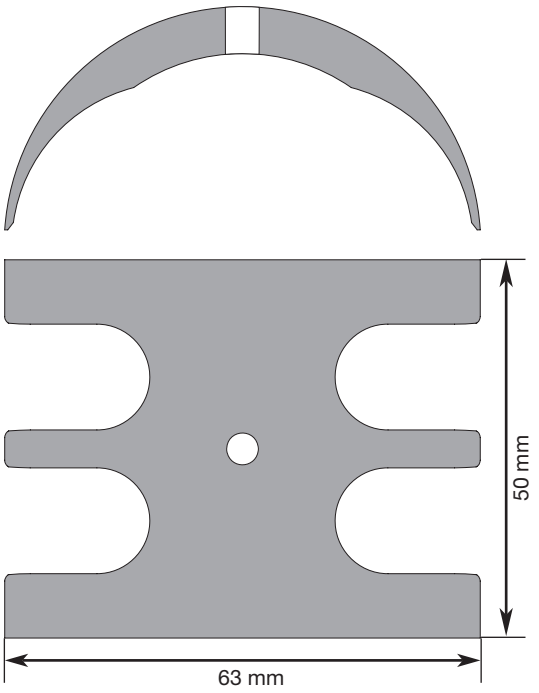


Cam article number 01-42584 (1/2)
replaces Jabsco 2431
Screw article number 01-46794-06 (05-04-125)



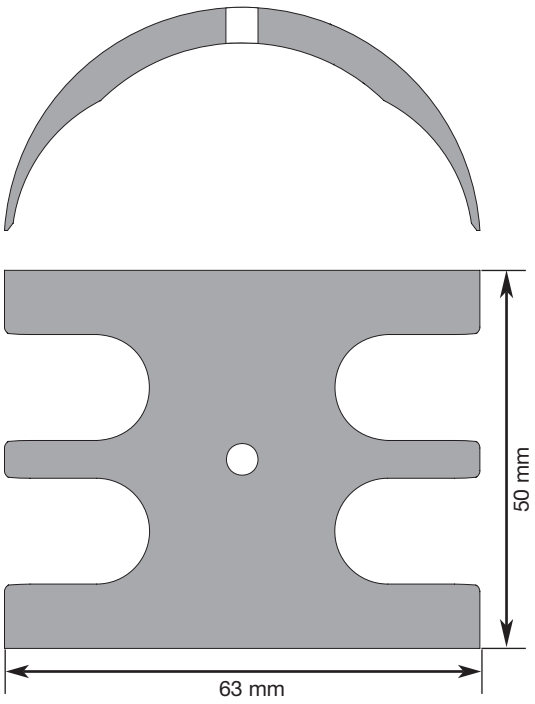
Cam article number 01-42442 (2/3)
replaces Jabsco 3255
Screw article number 01-46794-07 (05-04-144)
replaces Jabsco SP1004-11

F7



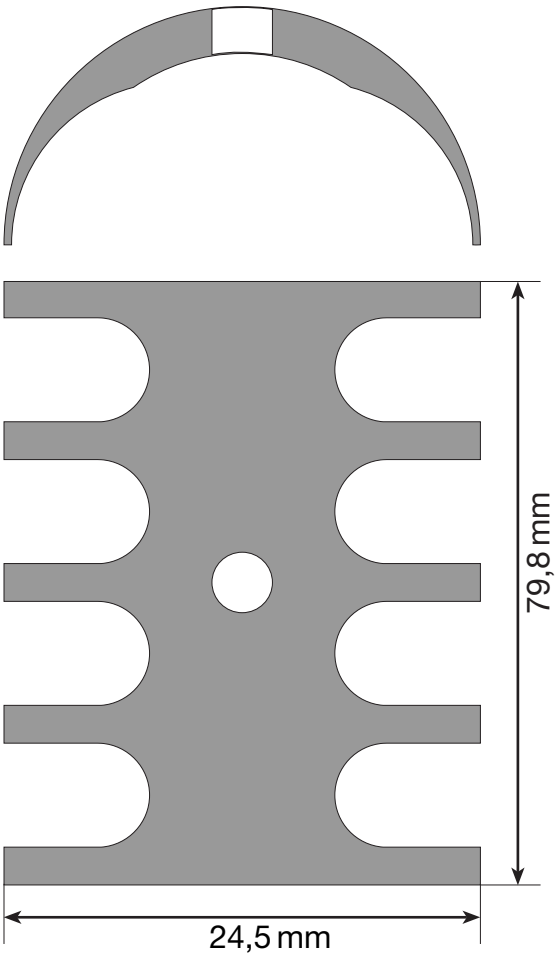
Cam article number 01-46899 (1/1)
Screw article number 0.0279.035

F7



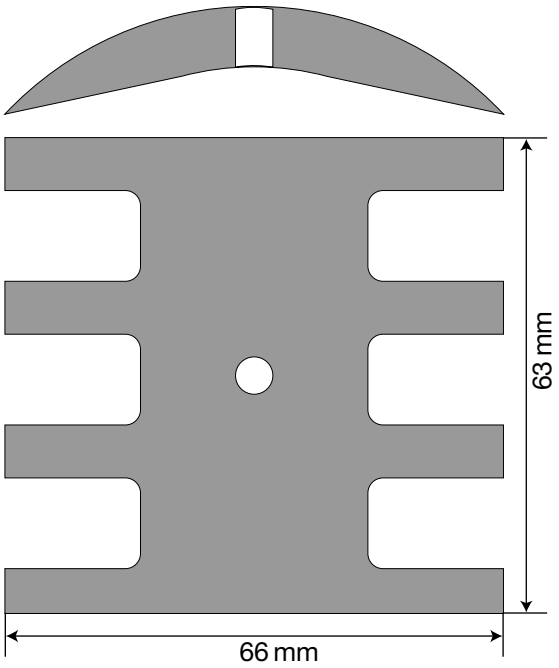
Cam article number 01-46899-1 (2/3)
Screw article number 0.0279.033

F75



Cam article number 01-46146 (1/1)
Screw article number 01-46794-12 (05-04-638)

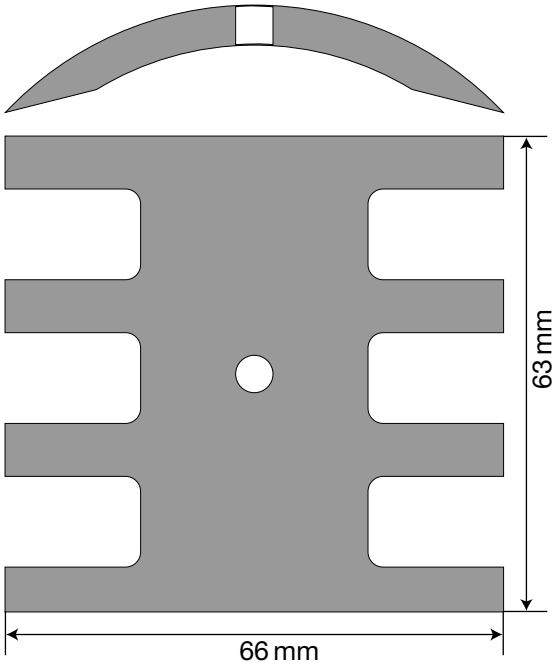
F8



Cam article number 01-42680 (1/1)
replaces Jabsco 834
Screw article number 01-46794-02 (05-04-108)
replaces Jabsco SP1005-04

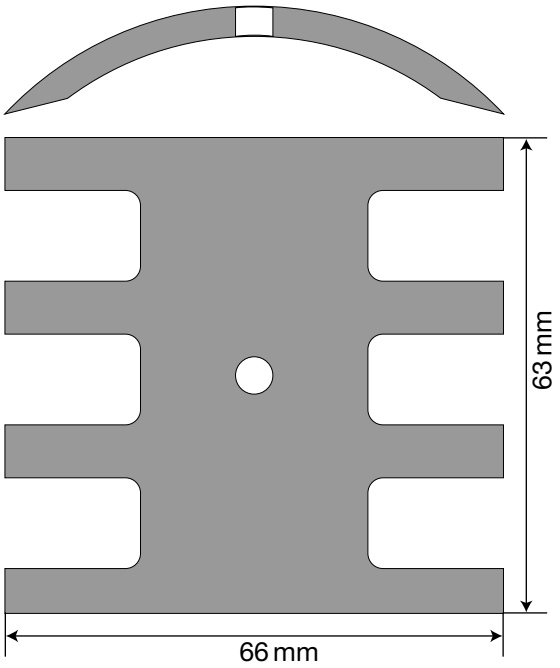
F8

Cam article number 01-42425 (2/3)
Screw article number 01-46794-02 (05-04-108)



F8

Cam article number 01-42755 (1/2)
replaces Jabsco 2551
Screw article number 01-46794-08 (05-04-147)
replaces Jabsco SP1005-05



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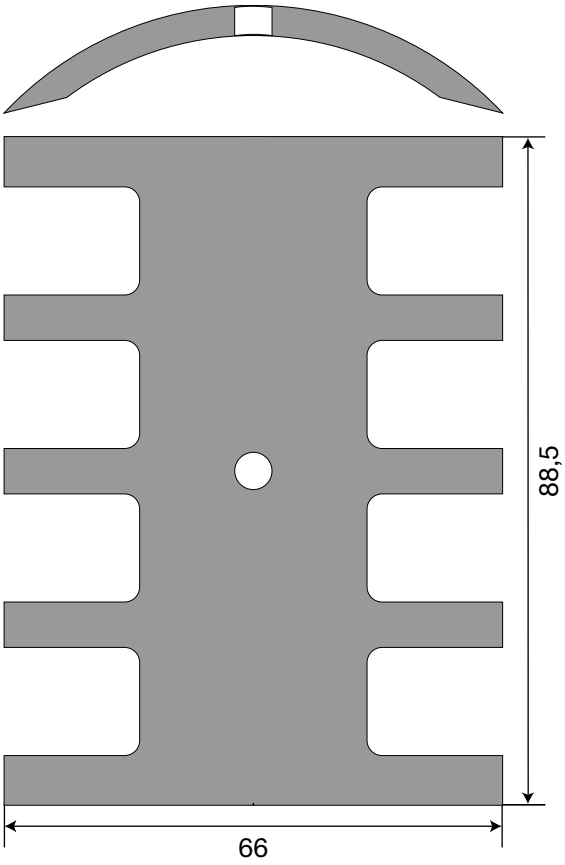
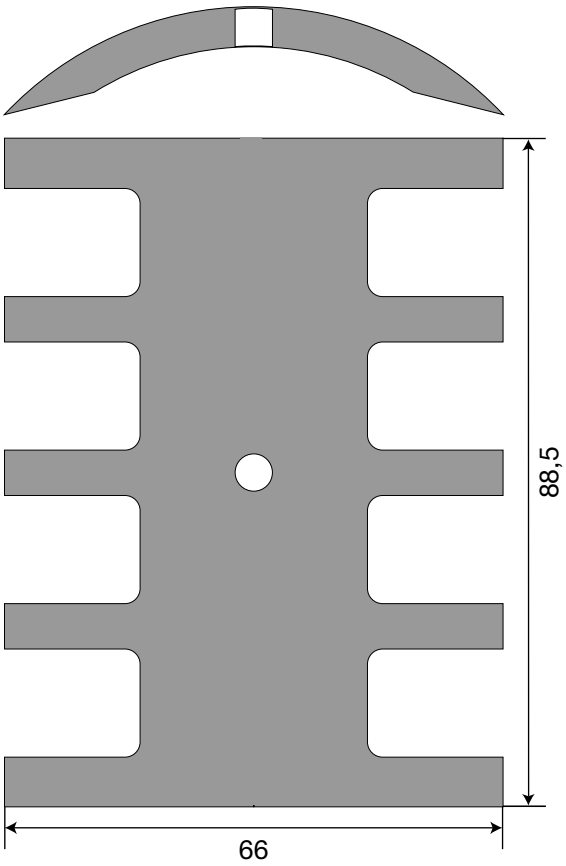


Cam article number 01-43138 (1/2)
replaces Jabsco 22268
Screw article number 01-46794-08 (05-04-147)
replaces Jabsco SP1005-05

F9



Cam article number 01-43135 (2/3)
replaces Jabsco 22039
Screw article number 01-46794-08 (05-04-147)
replaces Jabsco SP1005-04

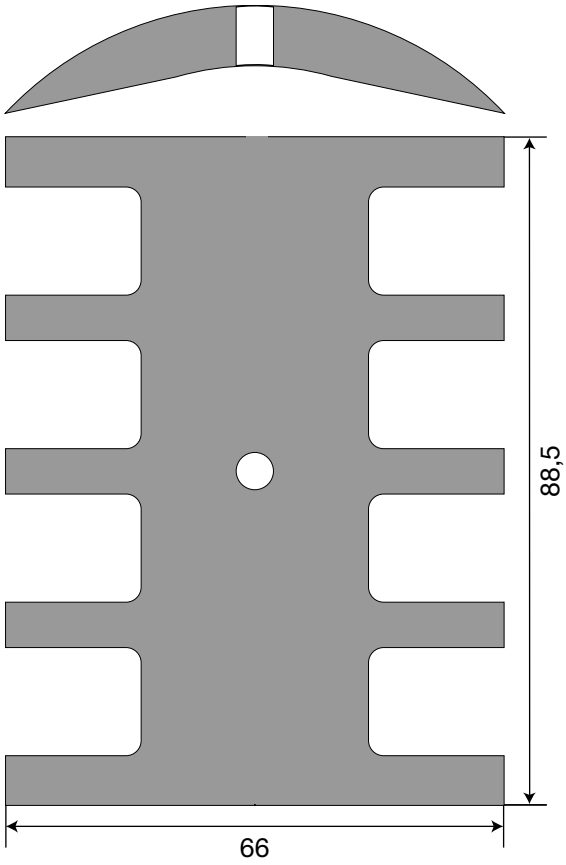
F9

Cam article number 01-43137 (1/1)

replaces Jabsco 6988

Screw article number 01-46794-02 (05-04-108)

replaces Jabsco SP1005-04



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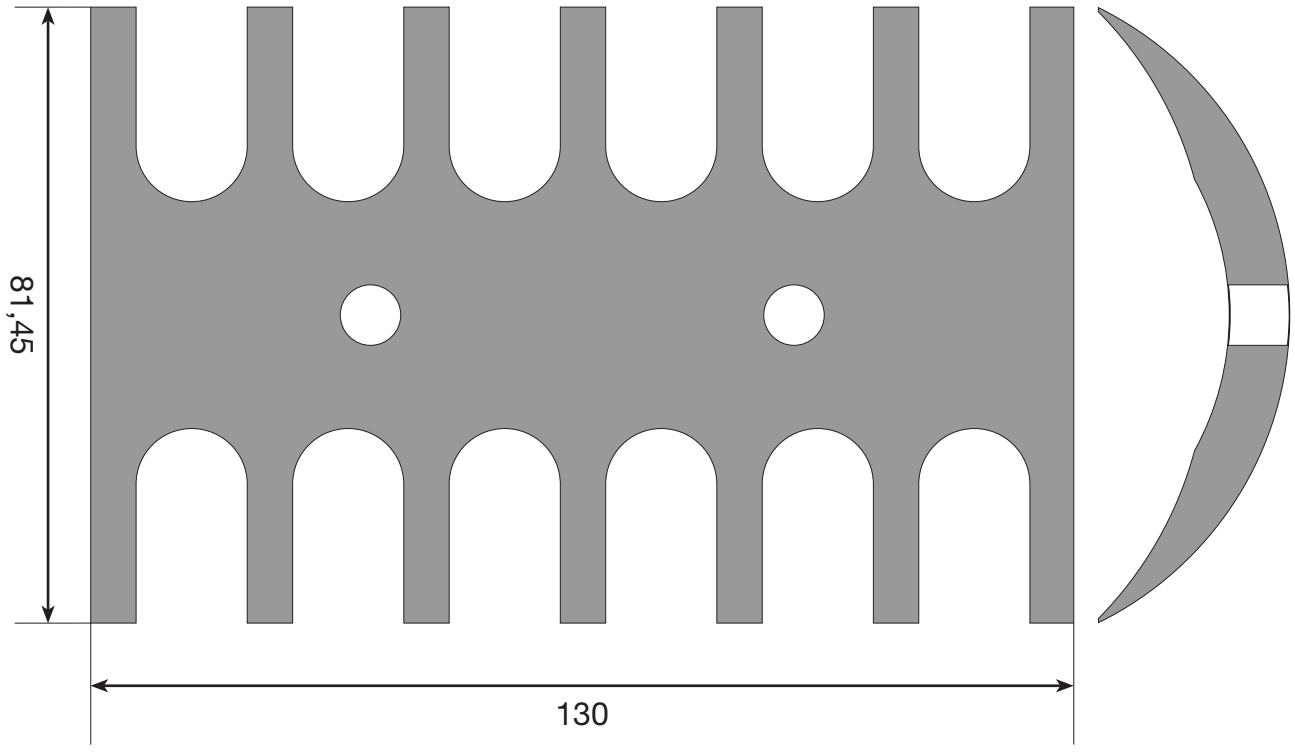
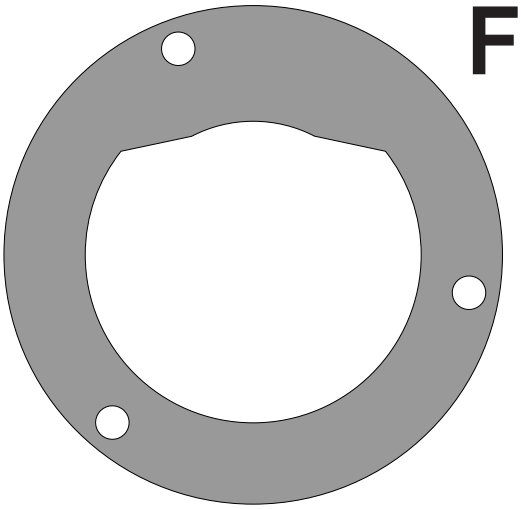


Cam article number 01-35744 (1/1)

Screw article number 01-46794-09 (05-04-515)

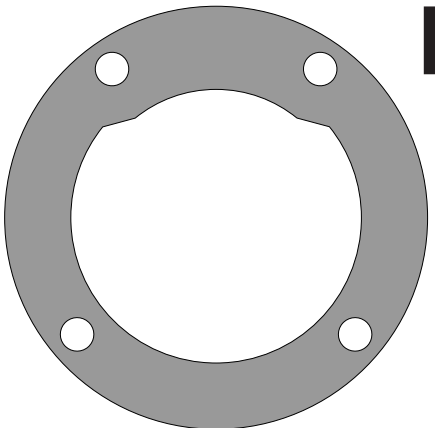
Gaskets

F3



Gasket article number 01-43142

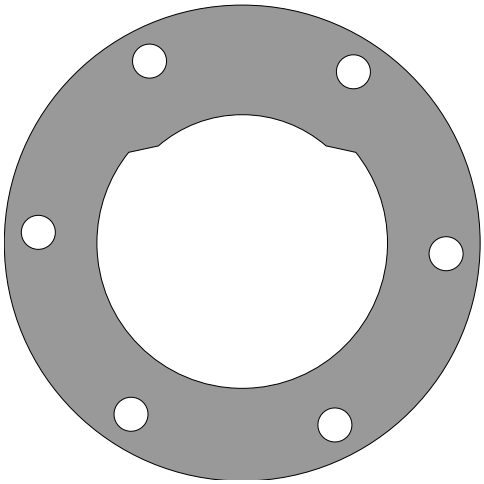
F35



Gasket article number 01-43240

replaces Jabsco 29308

F35



Gasket article number 01-42417

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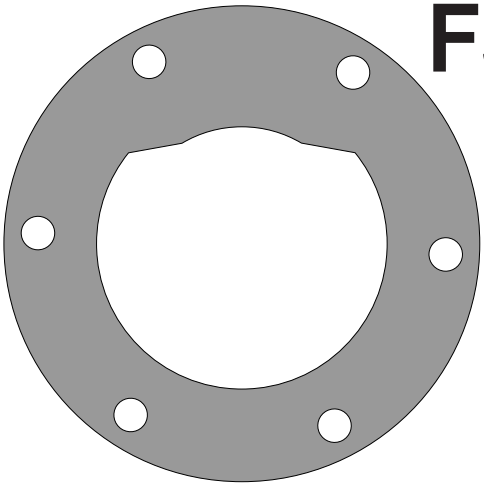
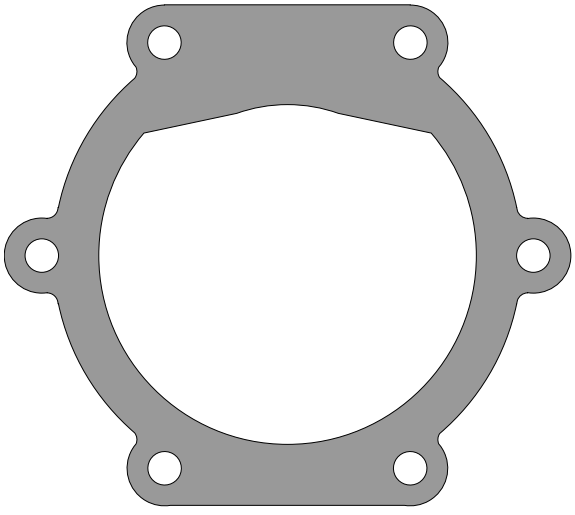
F35



Gasket article number 01-42911

replaces Jabsco 1126

F4



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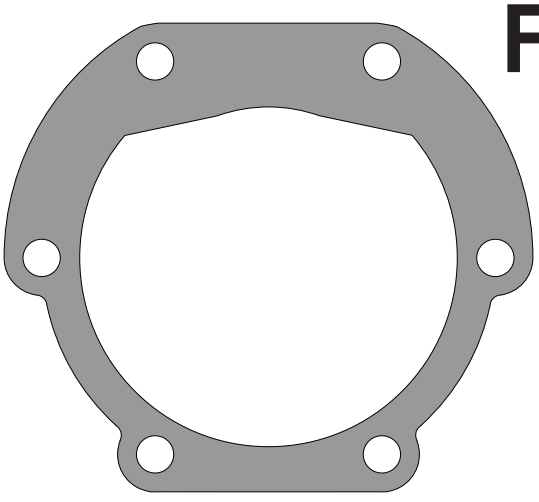

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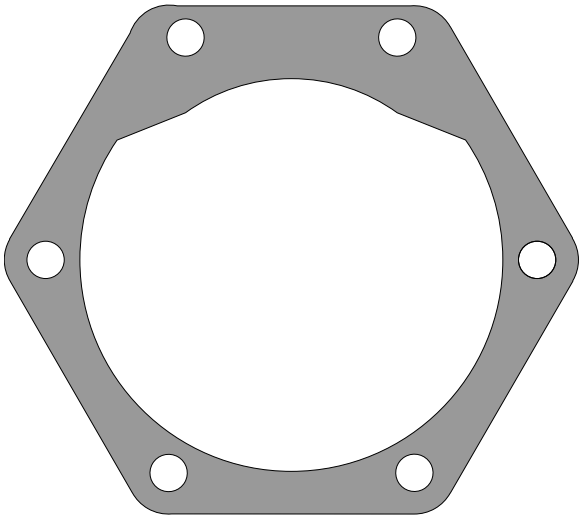
F5



Gasket article number 01-42636

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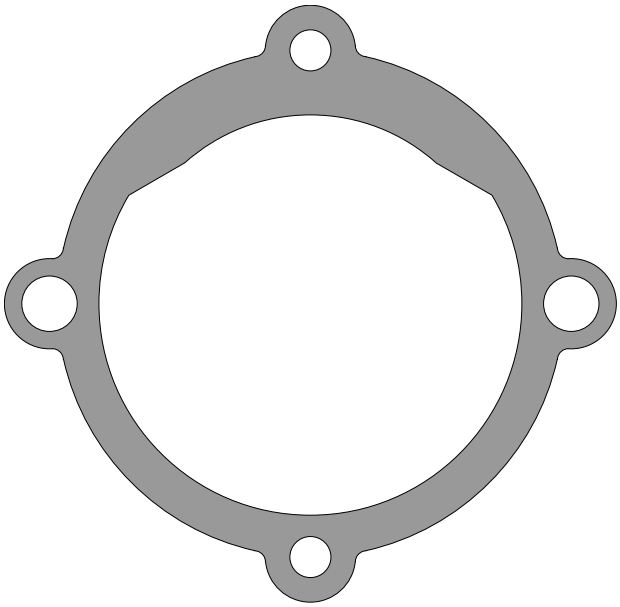

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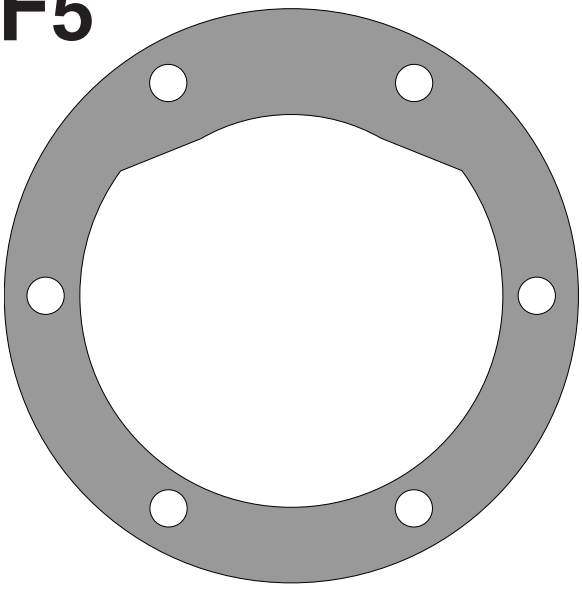
F5



Gasket article number 01-42401

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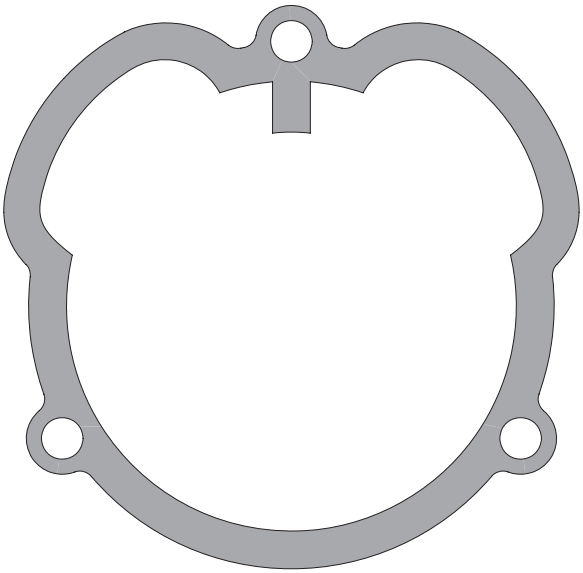

Gasket article number 01-46540

F5/F6

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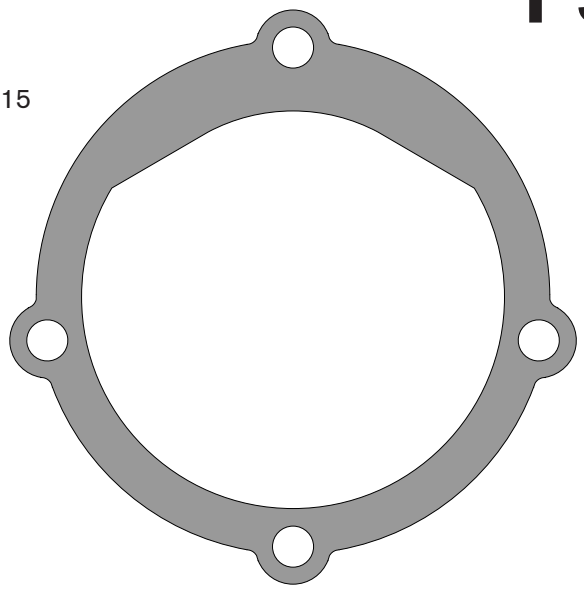

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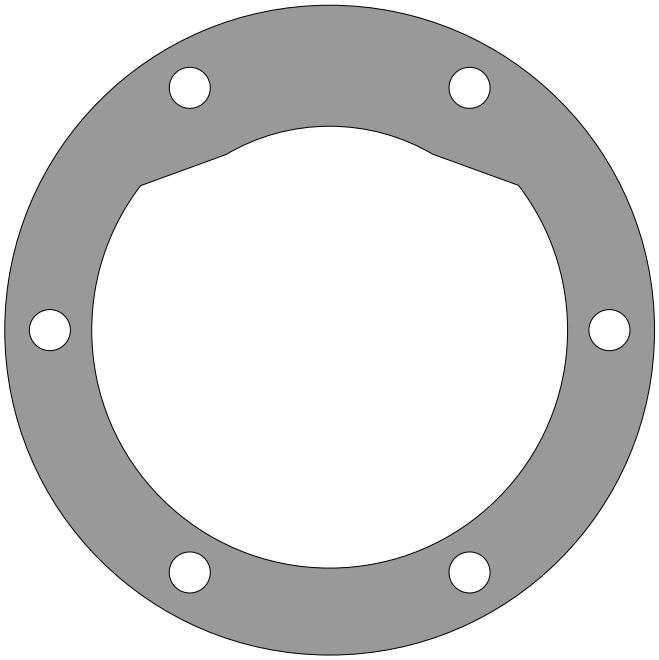
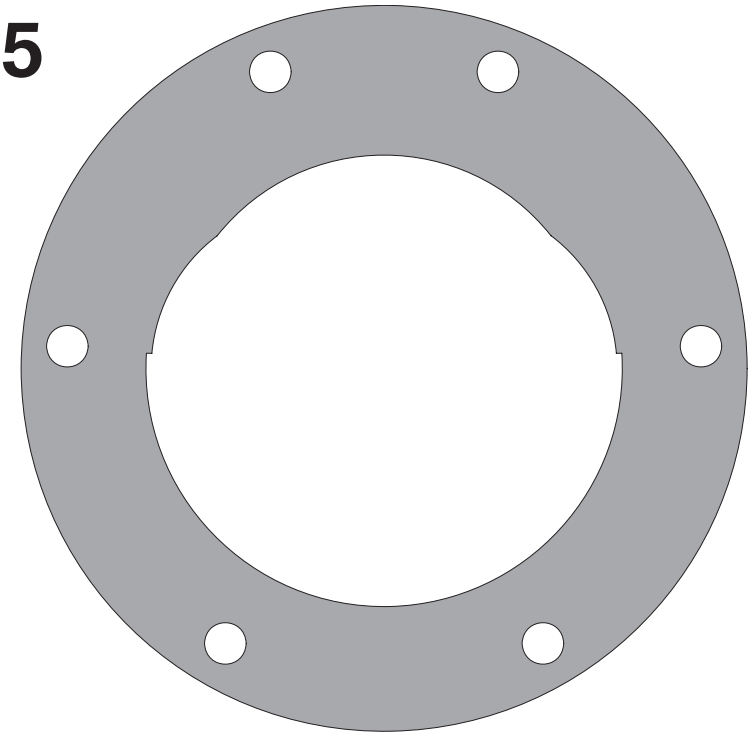
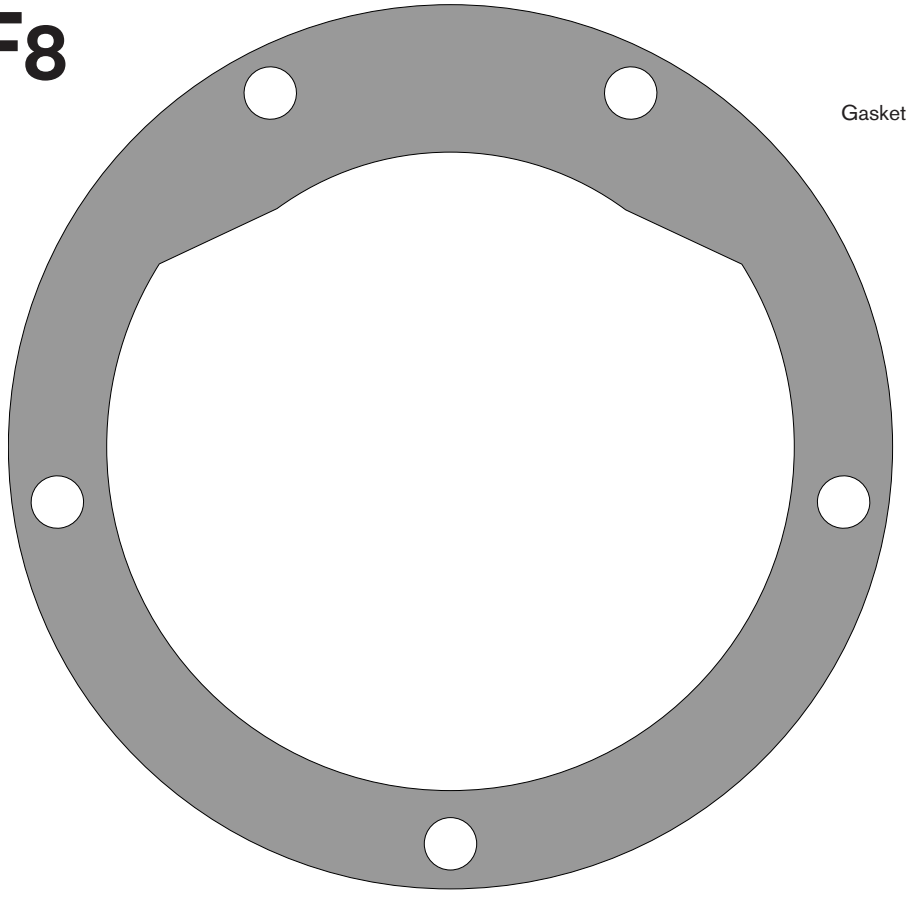


F75



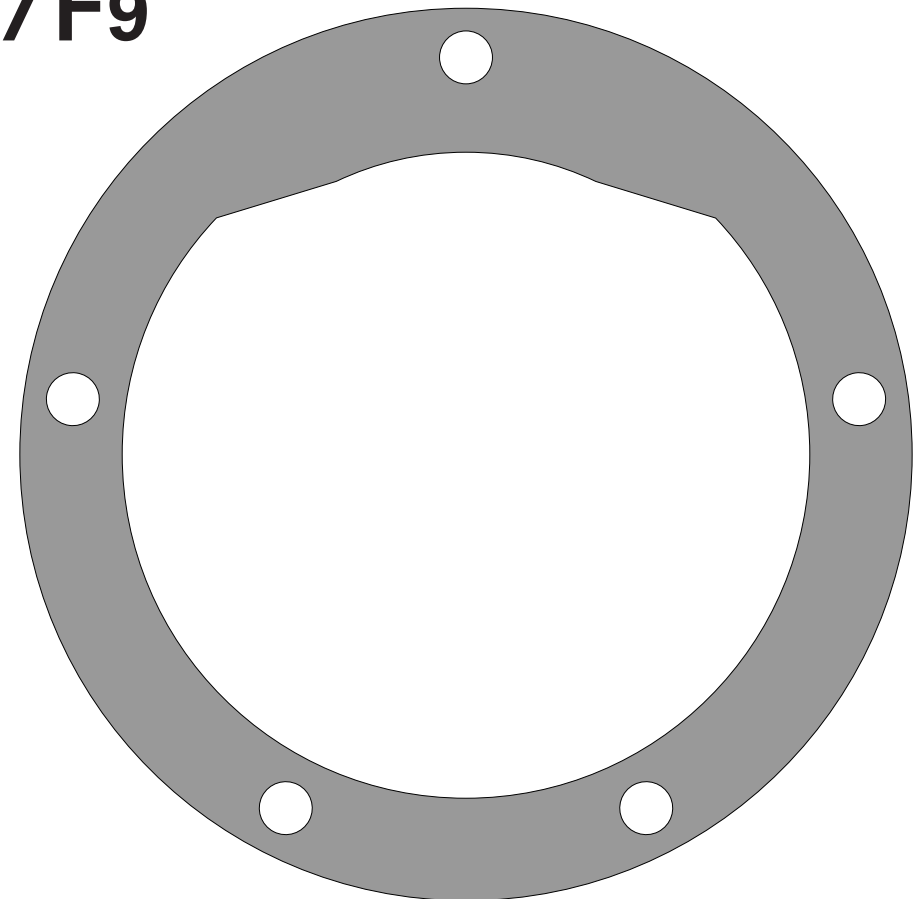
Gasket article number 01-46286

F8



Gasket article number 01-45354

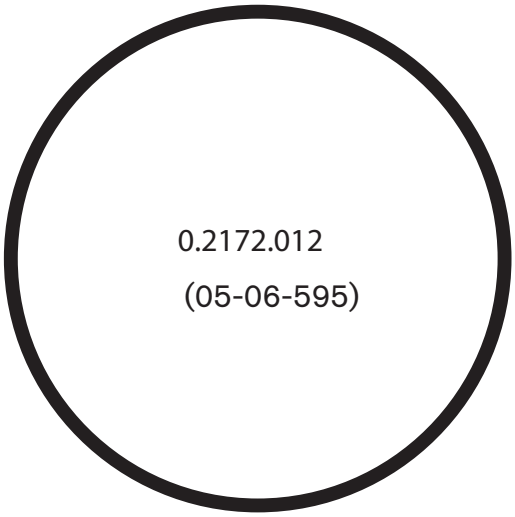
F8/F9



Gasket article number 01-42424

replaces Jabsco 2553

O-rings



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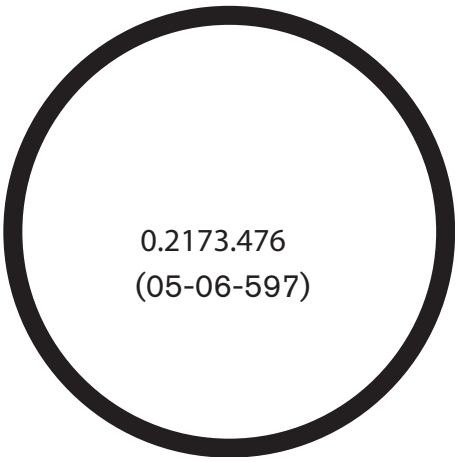

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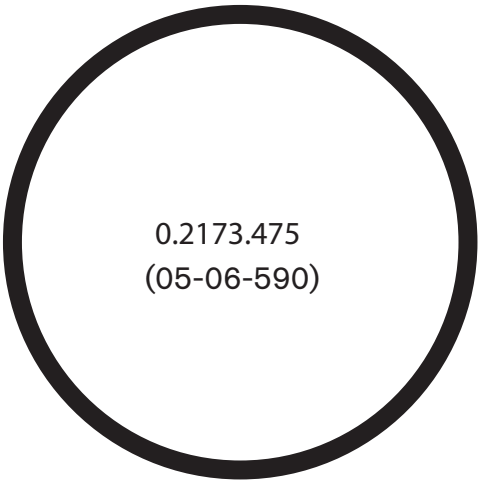

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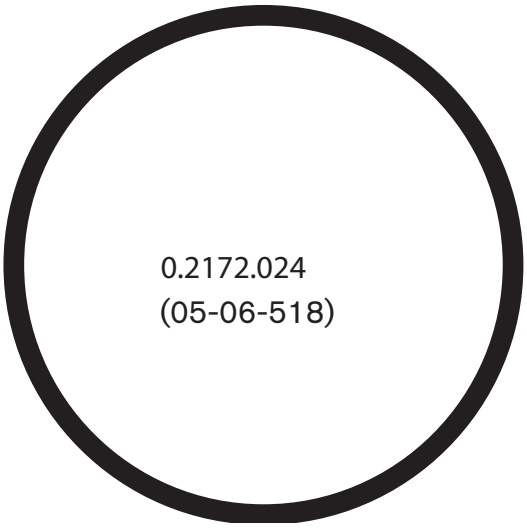

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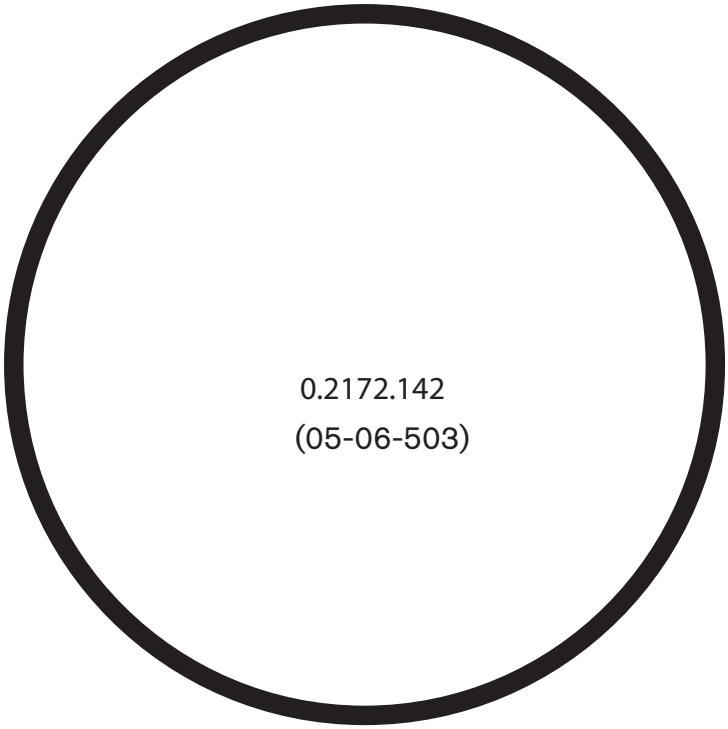
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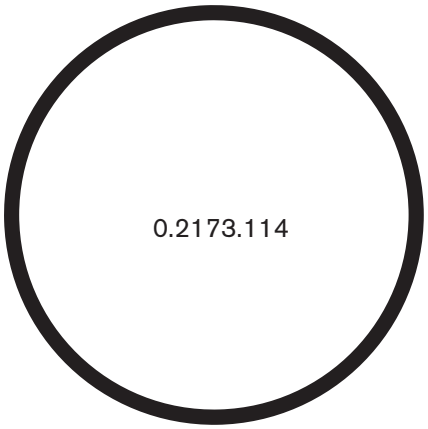
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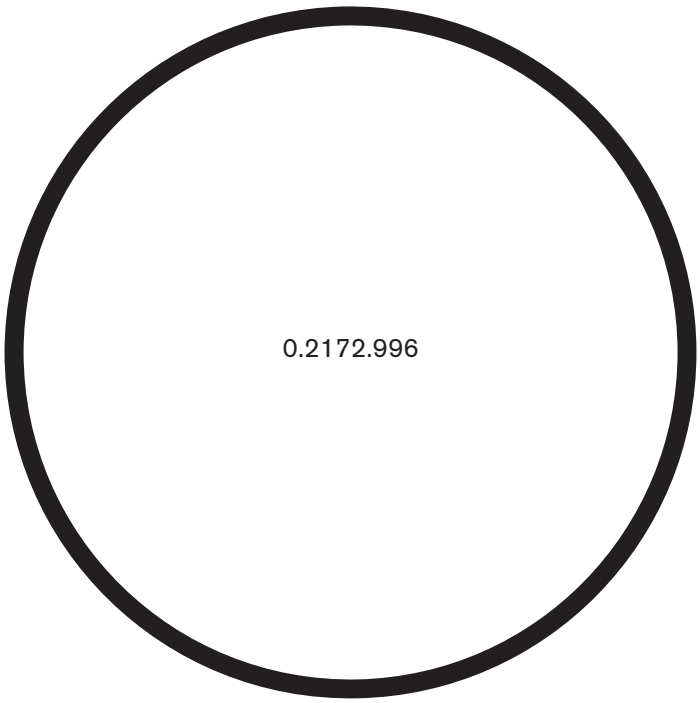
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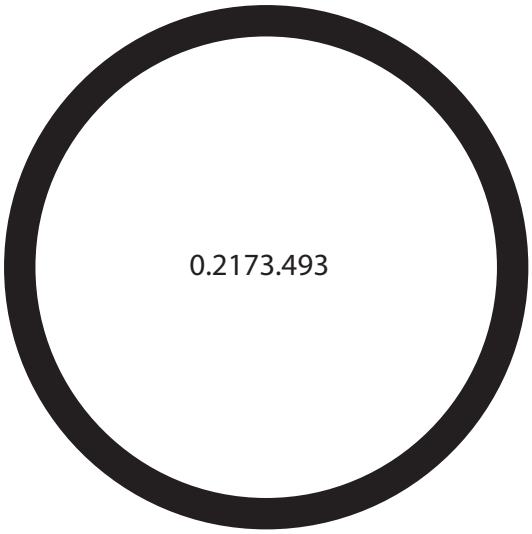

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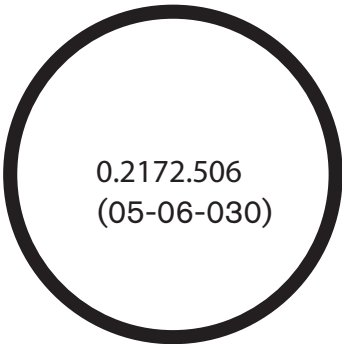

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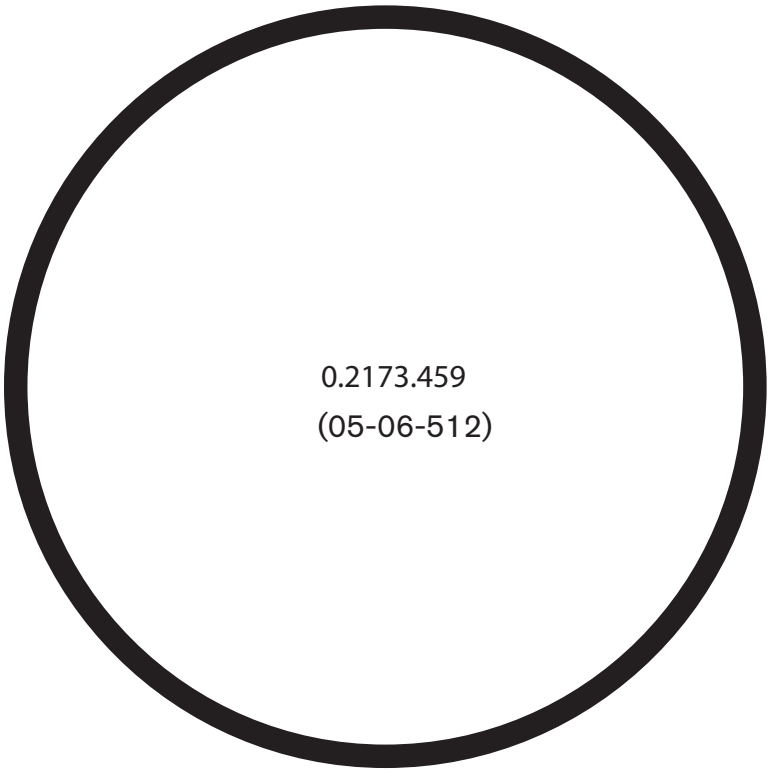

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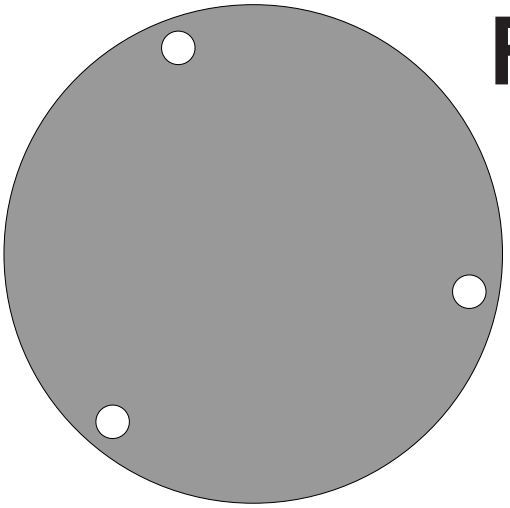
Endcovers

F3



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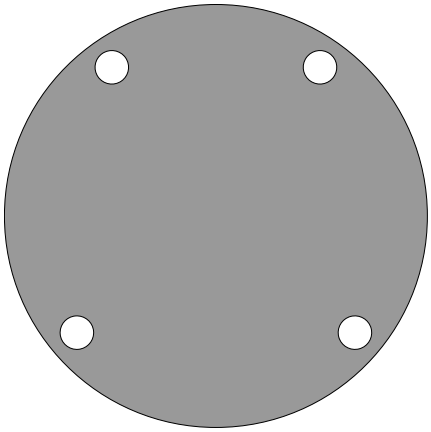
F35



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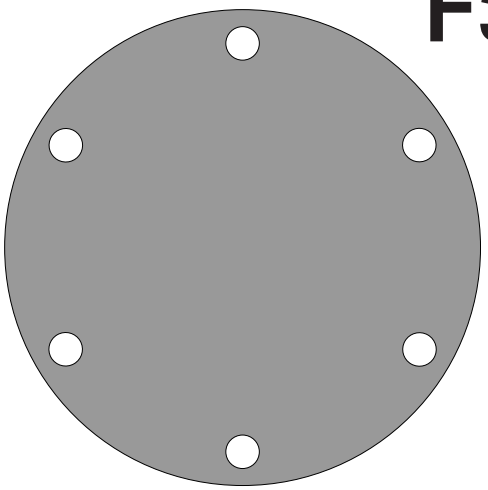

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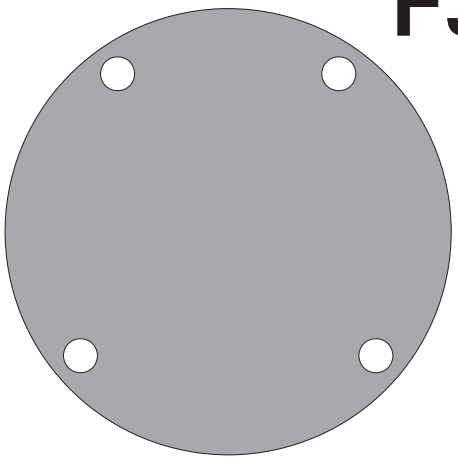
replaces Jabsco AL6-200

F35



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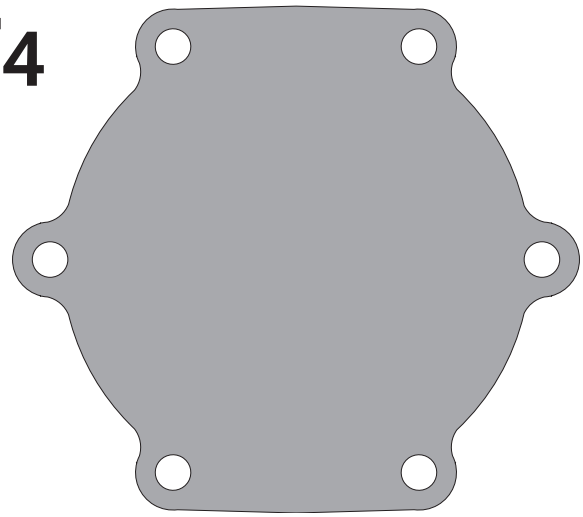
F4



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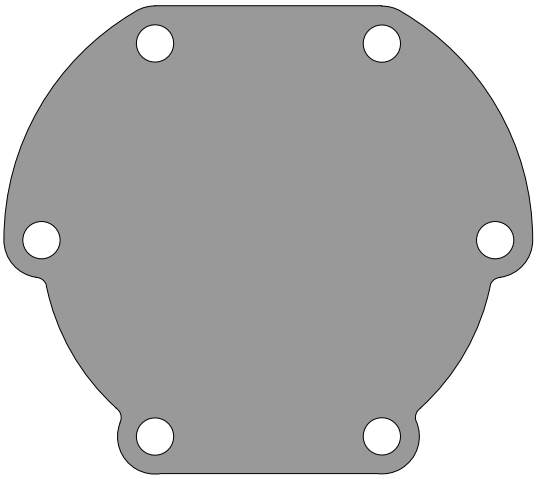
replaces Jabsco 9905/9406



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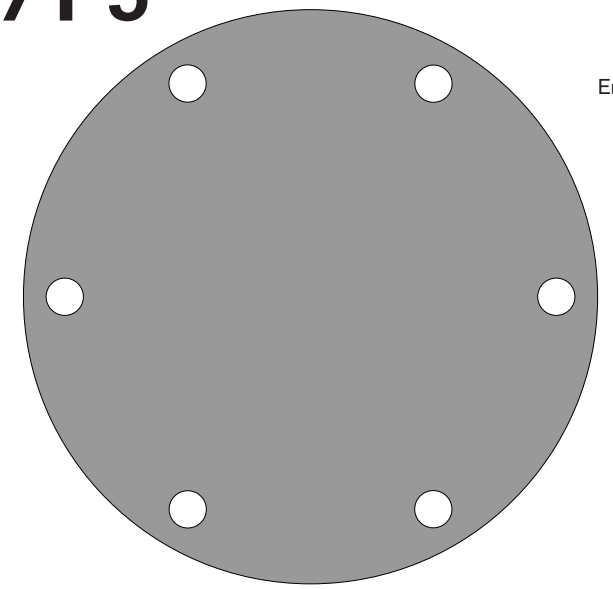
replaces Jabsco 29475

F4/F5



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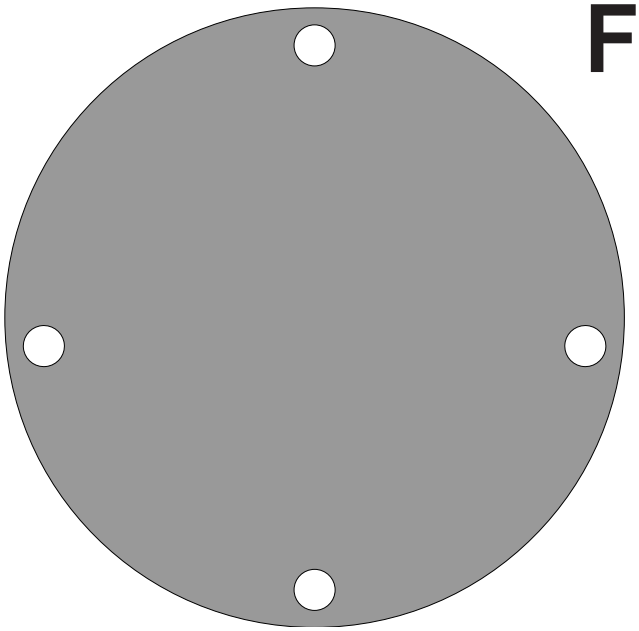
replaces Jabsco 3992

01-46007

01-46007-2 (O-ring)

01-46007-3 (stainless)

F5/F6



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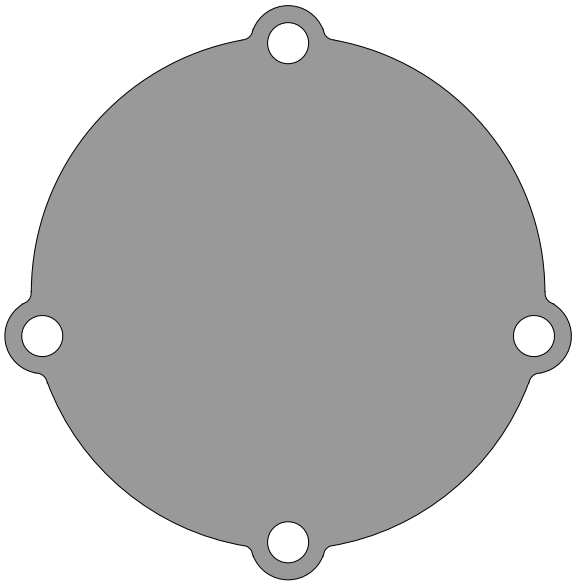

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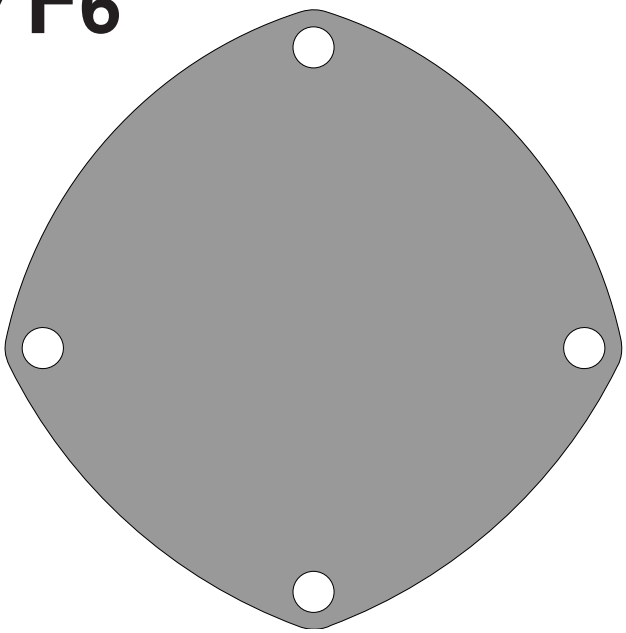
F5/F6



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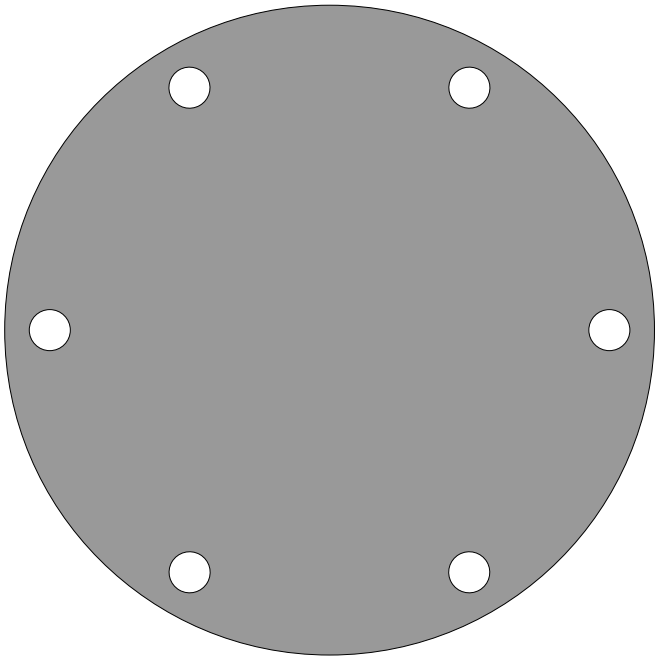

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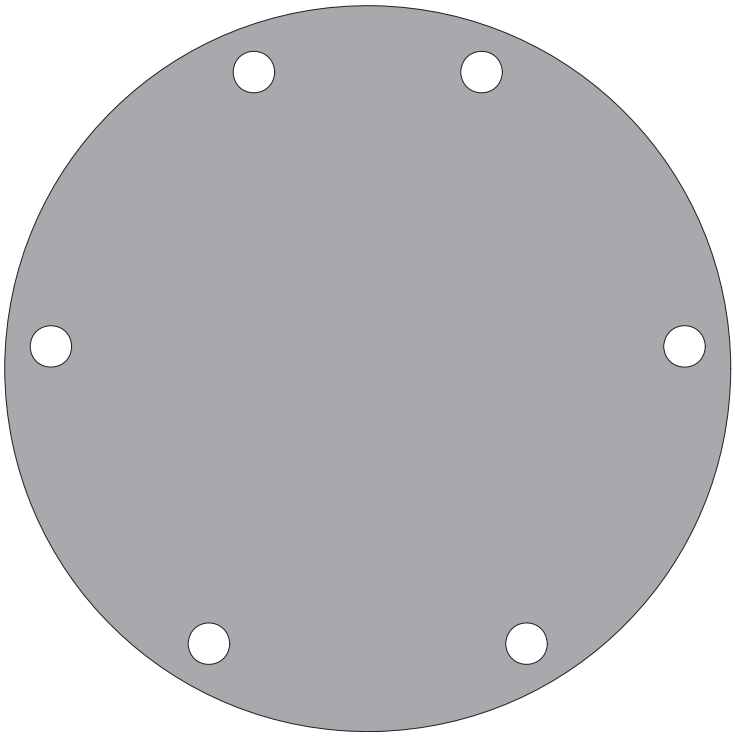
replaces Jabsco 3993
01-46431 (stainless)
01-46648-1 (O-ring)

F75



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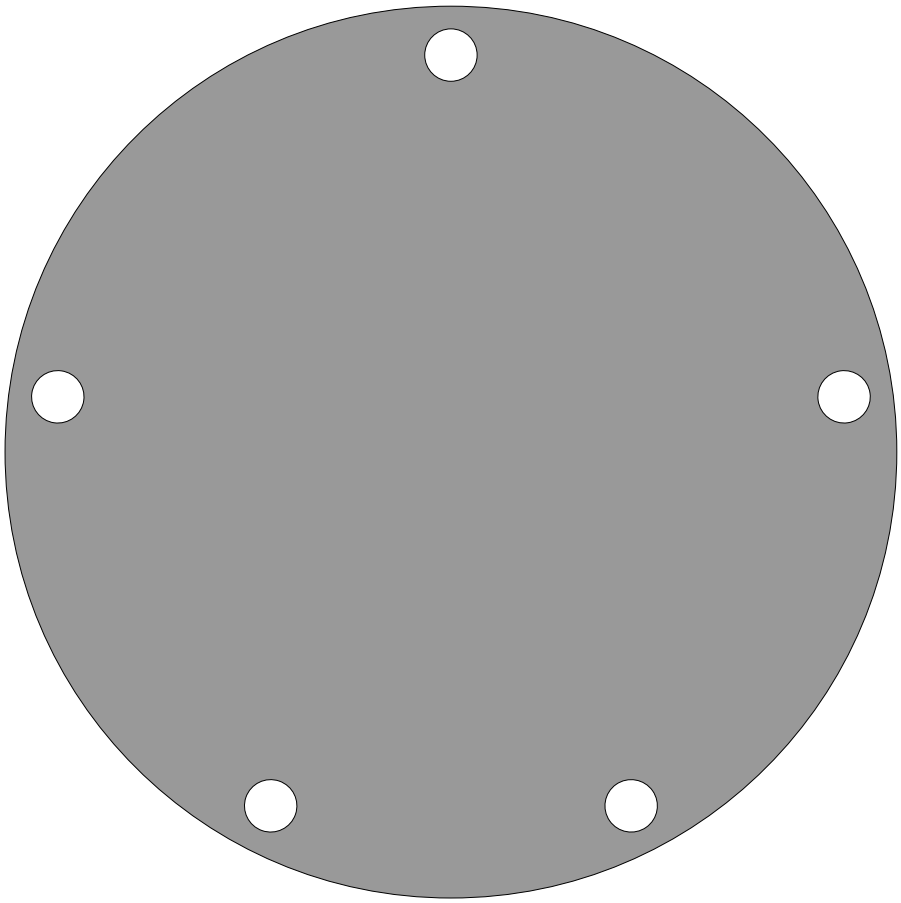
F8/F9/F95B



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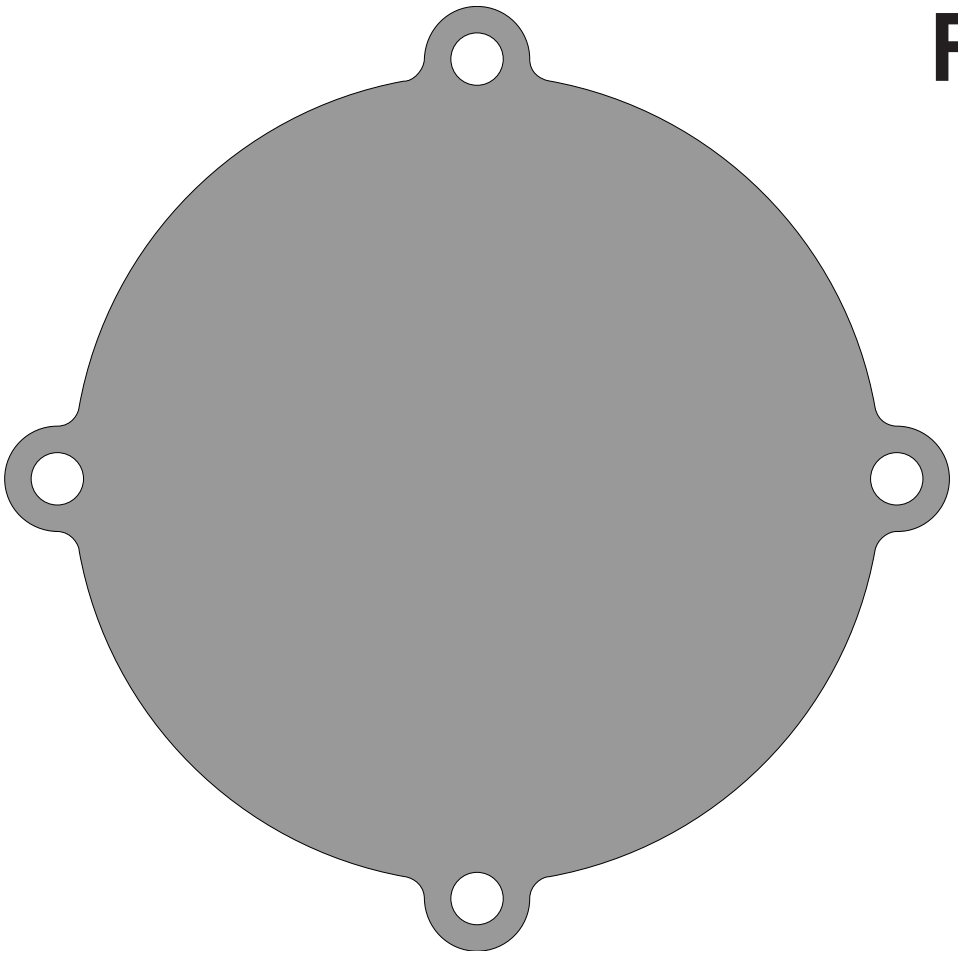
replaces Jabsco 9336

01-35773 F9 (stainless)

01-35284-2 F95B (O-ring)

F9



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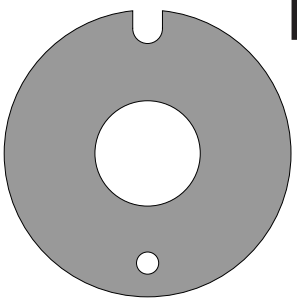
Wear plates

F35



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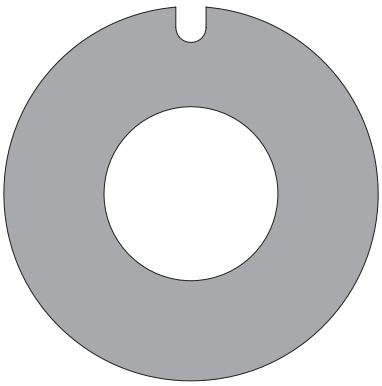
01-46676 (stainless)

F4



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01-46737-2 (stainless)

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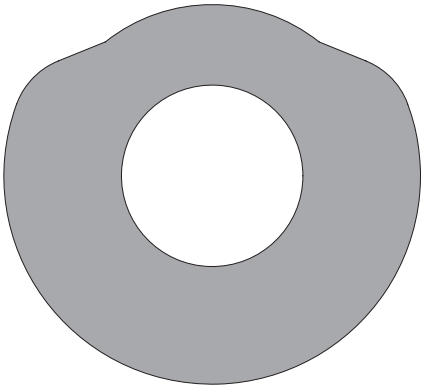

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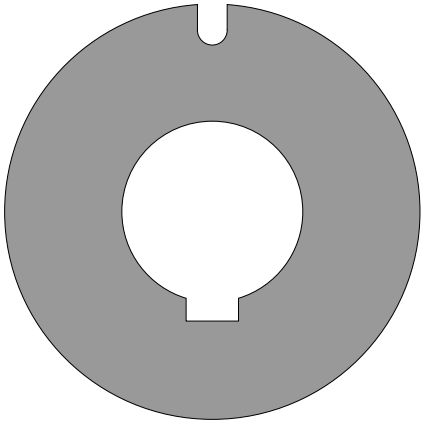

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01-42399-2 (stainless)

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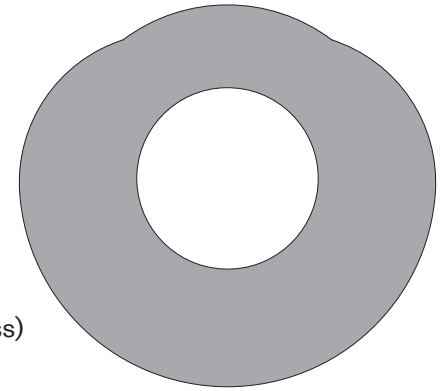

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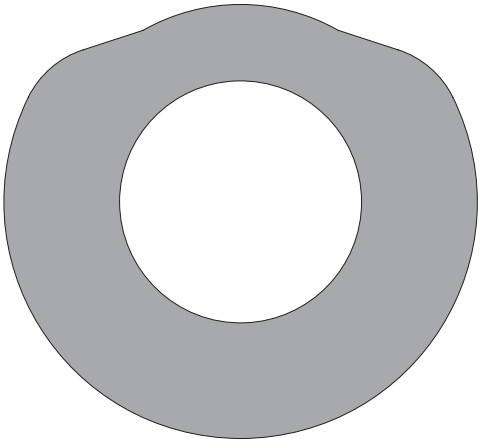
F7/F75



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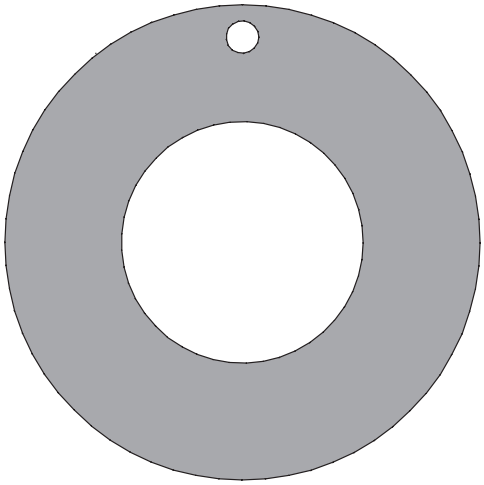

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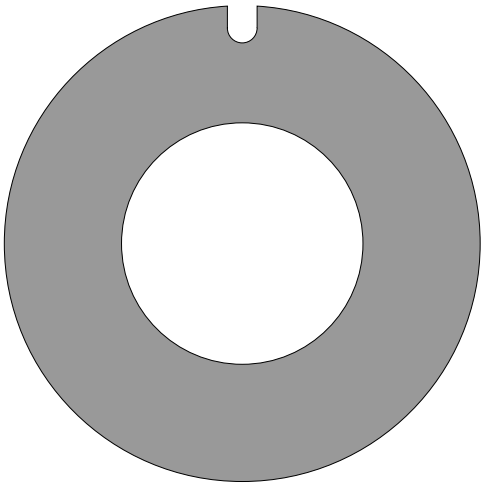

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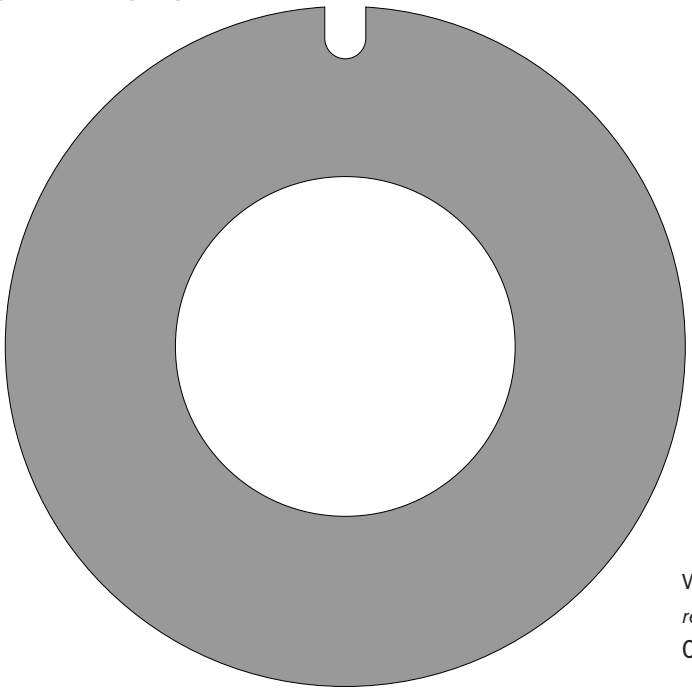
F8/F9/F95



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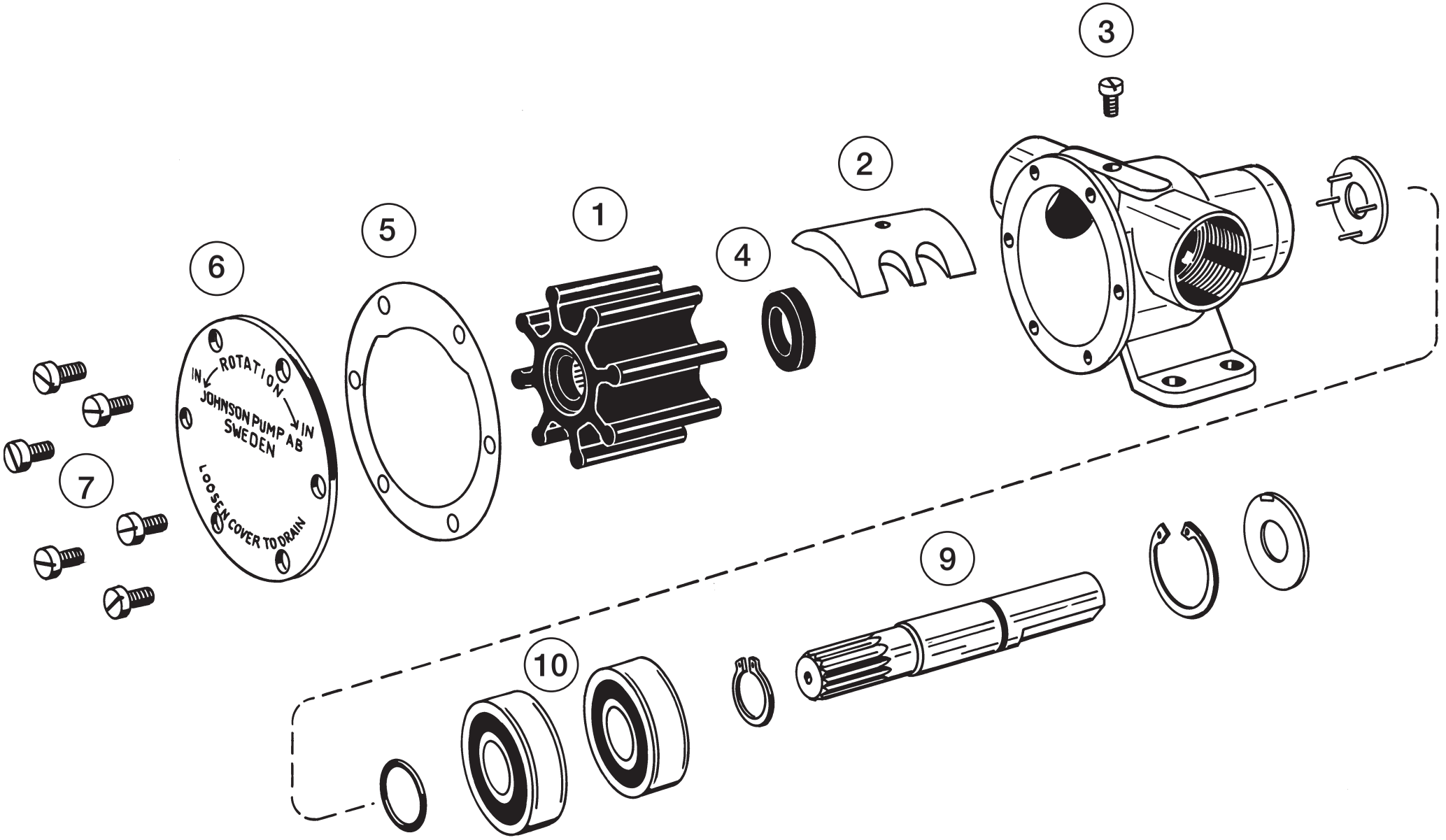
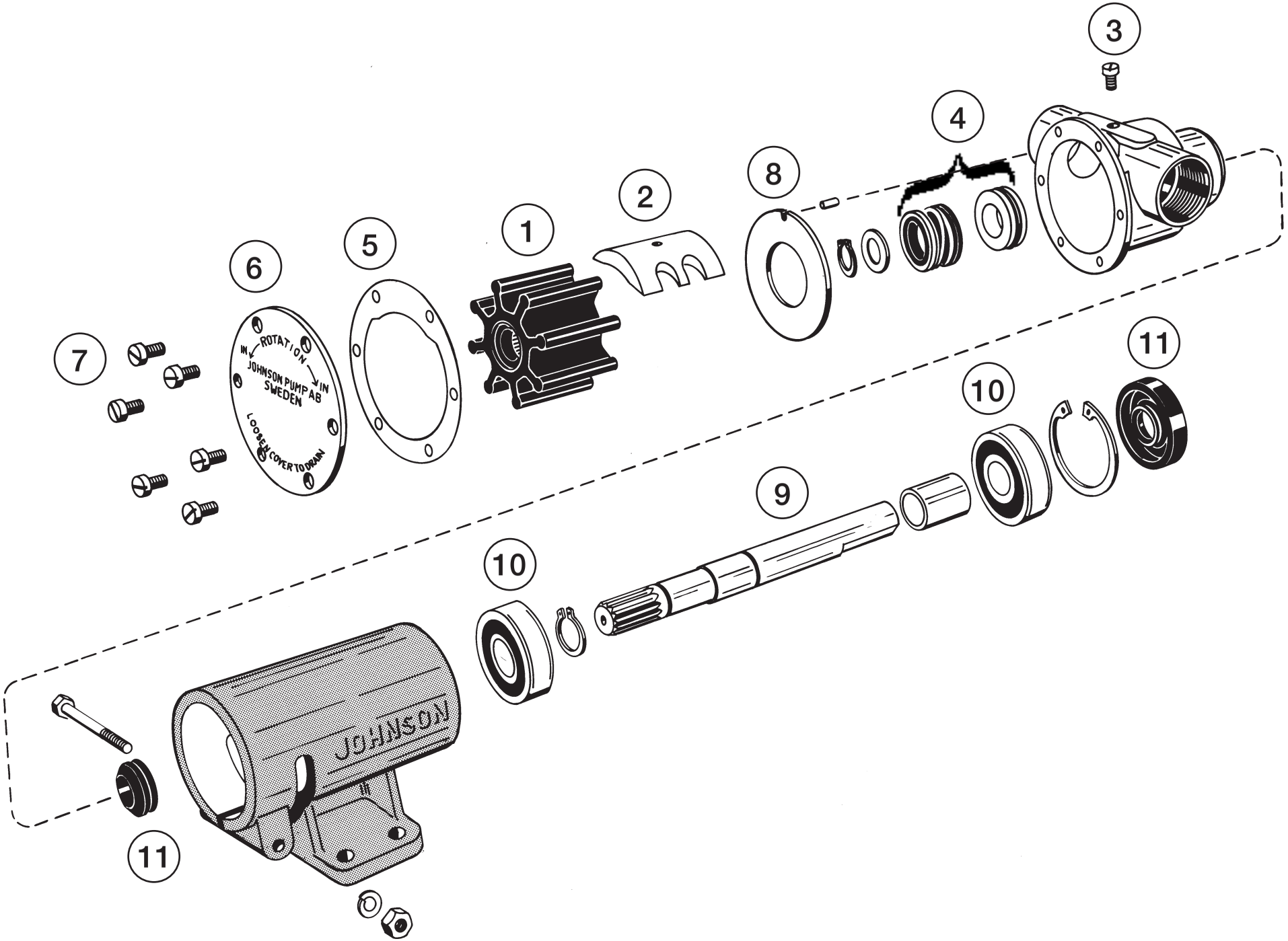
01-46538 (stainless)

Service Kit and Part Reference Guide

Flexible Impeller Pumps
FB-series


3
2
1
4
5
6
7
9
10
ROTATION
IN
IN
JOHNSON PUMP AB
SWEDEN
LOOSEN COVER TO DRAIN


3
4
8
2
1
5
6
7
ROTATION
IN
IN
JOHNSON PUMP AB
SWEDEN
LOOSEN COVER TO DRAIN
11
10
9
10
11
JOHNSON
11

Johnson Flexible Impeller Pumps

		A	1	2	3	4	5	6	7	8	9	10	11	
Part no.	Pump type	Service kit	Impeller	Cam	Camscrew	Seal	Gasket	Endcover	Endcover screw	Wearplate	Shaft	Bearing	Bearing seal	Clutch or Motor
10-11236-2 Obsolete	F7B-903	09-45590	09-1028B*	01-42442	01-46794-07	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	Obsolete	0.3431.523	Obsolete	-
10-11236-3 Obsolete	F7B-902	09-45590	09-1028B*	01-42584	01-46794-06	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	Obsolete	0.3431.523	Obsolete	-
10-11246-1 Obsolete	F5B-9	09-45583	09-1027B-1*	01-42397	01-46794-05	09-0.2247.050	01-42401	01-42398	01-46794-04	01-42399	Obsolete	0.3431.523	Obsolete	-
10-13021-1	F8B-8	09-45575	09-819B	01-42680	01-46794-02	09-0.2247.008	01-42424	01-42422-1	0.0138.134	01-42423	01-35132	0.3431.780	-	-
10-13021-2 Not in production	F8B-89	09-45576	09-819B-9	01-42680	01-46794-02	09-0.2247.008	01-42424	01-42422-1	0.0138.134	01-42423	01-35132	0.3431.780	-	-
10-13021-3 Not in production	F8B-803	09-45575	09-819B	01-42425	01-46794-02	09-0.2247.008	01-42424	01-42422-1	0.0138.134	01-42423	01-35132	0.3431.780	-	-
10-13021-4 Not in production	F8B-893	09-45576	09-819B-9	01-42425	01-46794-02	09-0.2247.008	01-42424	01-42422-1	0.0138.134	01-42423	01-35132	0.3431.780	-	-
10-13021-5 Not in production	F8B-8	09-45577	09-819B	01-42680	01-46794-02	0.2233.015	01-42424	01-42422-1	0.0138.134	01-42423	01-35132	0.3431.780	-	-
10-13021-6 Not in production	F8B-89	09-45578	09-819B-9	01-42680	01-46794-02	0.2233.015	01-42424	01-42422-1	0.0138.134	01-42423	01-35132	0.3431.780	-	-
10-13021-7 Not in production	F8B-803	09-45577	09-819B	01-42425	01-46794-02	0.2233.015	01-42424	01-42422-1	0.0138.134	01-42423	01-35132	0.3431.780	-	-
10-13021-8 Not in production	F8B-893	09-45578	09-819B-9	01-42425	01-46794-02	0.2233.015	01-42424	01-42422-1	0.0138.134	01-42423	01-35132	0.3431.780	-	-
10-13021-9	F8B-8007	09-45575	09-819B	01-42680	01-46794-02	09-0.2247.008	01-42424	01-42422-1	0.0138.134	01-42423	01-35132	0.3431.780	-	-
10-13021-10 Not in production	F8B-8907	09-45576	09-819B-9	01-42680	01-46794-02	09-0.2247.008	01-42424	01-42422-1	0.0138.134	01-42423	01-35132	0.3431.780	-	-
10-13021-11 Not in production	F8B-8037	09-45575	09-819B	01-42425	01-46794-02	09-0.2247.008	01-42424	01-42422-1	0.0138.134	01-42423	01-35132	0.3431.780	-	-
10-13021-12 Not in production	F8B-8937	09-45576	09-819B-9	01-42425	01-46794-02	09-0.2247.008	01-42424	01-42422-1	0.0138.134	01-42423	01-35132	0.3431.780	-	-
10-13021-13 Not in production	F8B-8007	09-45577	09-819B	01-42680	01-46794-02	0.2233.015	01-42424	01-42422-1	0.0138.134	01-42423	01-35132	0.3431.780	-	-
10-13021-14 Not in production	F8B-8907	09-45578	09-819B-9	01-42680	01-46794-02	0.2233.015	01-42424	01-42422-1	0.0138.134	01-42423	01-35132	0.3431.780	-	-
10-13021-15	F8B-8037	09-45577	09-819B	01-42425	01-46794-02	0.2233.015	01-42424	01-42422-1	0.0138.134	01-42423	01-35132	0.3431.780	-	-

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

Part no.	Pump type	A Service kit	1 Impeller	2 Cam	3 Camscrew	4 Seal	5 Gasket	6 Endcover	7 Endcover screw	8 Wearplate	9 Shaft	10 Bearing	11 Bearing seal	Clutch or Motor
Not in production														
10-13021-16 Not in production	F8B-8937	09-45578	09-819B-9	01-42425	01-46794-02	0.2233.015	01-42424	01-42422-1	0.0138.134	01-42423	01-35132	0.3431.780	-	-
10-13021-17 Obsolete	F8B-8	09-45575	09-819B	01-42680	01-46794-02	09-0.2247.008	01-42424	01-46006	0.0138.134	01-42423	01-35132	0.3431.780	-	-
10-13021-91	F8B-8007	09-45575	09-819B	01-42680	01-46794-02	09-0.2247.008	01-42424	01-42422-1	0.0138.134	01-42423	01-35720	0.3431.780	-	-
10-13021-92 Not in production	F8B-8007	09-45575	09-819B	01-42680	01-46794-02	09-0.2247.008	01-42424	01-42422-1	0.0138.134	01-42423	01-35746	0.3431.780	-	-
10-13021-95	F8B-8007	09-45575	09-819B	01-42680	01-46794-02	09-0.2247.008	01-42424	01-42422-1	0.0138.134	01-42423	01-35746	0.3431.780	-	-
10-13021-96	F8B-8007	09-45575	09-819B	01-42680	01-46794-02	09-0.2247.008	01-42424	01-42422-1	0.0138.134	01-42423	01-35746	0.3431.780	-	-
10-13022-83 Obsolete	F8B-5001	09-45575	09-819B	01-42680	01-46794-02	09-0.2247.008	01-42424	01-46006	0.0138.134	01-42423	01-35136	0.3431.780	-	0.3454.001 = 12V 2xA 0.3454.002 = 24V 2xA 0.3454.003 = 12V 1xB 0.3454.004 = 24V 1xB
10-13022-95	F8B-50017	09-45575	09-819B	01-42680	01-46794-02	09-0.2247.008	01-42424	01-42422-1	0.0138.134	01-42423	01-35136	0.3431.780	-	0.3454.001 = 12V 2xA 0.3454.002 = 24V 2xA 0.3454.003 = 12V 1xB 0.3454.004 = 24V 1xB
10-13022-96	F8B-50017	09-45575	09-819B	01-42680	01-46794-02	09-0.2247.008	01-42424	01-42422-1	0.0138.134	01-42423	01-35136	0.3431.780	-	0.3454.001 = 12V 2xA 0.3454.002 = 24V 2xA 0.3454.003 = 12V 1xB 0.3454.004 = 24V 1xB

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

		A	1	2	3	4	5	6	7	8	9	10	11	
Part no.	Pump type	Service kit	Impeller	Cam	Camscrew	Seal	Gasket	Endcover	Endcover screw	Wearplate	Shaft	Bearing	Bearing seal	Clutch or Motor
10-13022-98	F8B-50017	09-45575	09-819B	01-42680	01-46794-02	09-0.2247.008	01-42424	01-42422-1	0.0138.134	01-42423	01-35136	0.3431.780	-	0.3454.001 = 12V 2xA 0.3454.002 = 24V 2xA 0.3454.003 = 12V 1xB 0.3454.004 = 24V 1xB
10-13022-99	F8B-5001	09-45575	09-819B	01-42680	01-46794-02	09-0.2247.008	01-42424	01-42422-1	0.0138.134	01-42423	01-35136	0.3431.780	-	0.3454.001 = 12V 2xA 0.3454.002 = 24V 2xA 0.3454.003 = 12V 1xB 0.3454.004 = 24V 1xB
10-13024-1	F8B-3000	09-45579	09-819B	01-42680	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35137	0.3431.780	0.2234.337/ 0.2230.319	-
10-13024-2 Not in production	F8B-3900	09-45580	09-819B-9	01-42680	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35137	0.3431.780	0.2234.337/ 0.2230.319	-
10-13024-3	F8B-3030	09-45579	09-819B	01-42425	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35137	0.3431.780	0.2234.337/ 0.2230.319	-
10-13024-4 Not in production	F8B-3930	09-45580	09-819B-9	01-42425	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35137	0.3431.780	0.2234.337/ 0.2230.319	-
10-13024-5 Not in production	F8B-3020	09-45579	09-819B	01-42755	01-46794-08	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35137	0.3431.780	0.2234.337/ 0.2230.319	-
10-13024-6 Not in production	F8B-3920	09-45580	09-819B-9	01-42755	01-46794-08	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35137	0.3431.780	0.2234.337/ 0.2230.319	-
10-13025-99	F8B-5000	09-45579	09-819B	01-42680	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35138	0.3431.780	0.2230.319	0.3454.001 = 12V 2xA 0.3454.002 = 24V 2xA 0.3454.003 = 12V 1xB 0.3454.004 = 24V 1xB
10-13026-1	F9B-3000	09-45581	09-802B	01-43137	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35137	0.3431.780	0.2234.337/ 0.2230.319	-
10-13026-2 Not in production	F9B-3030	09-45581	09-802B	01-43135	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35137	0.3431.780	0.2234.337/ 0.2230.319	-

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

Part no.	Pump type	A Service kit	1 Impeller	2 Cam	3 Camscrew	4 Seal	5 Gasket	6 Endcover	7 Endcover screw	8 Wearplate	9 Shaft	10 Bearing	11 Bearing seal	Clutch or Motor
10-13026-3 Not in production	F9B-3020	09-45581	09-802B	01-43138	01-46794-08	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35137	0.3431.780	0.2234.337/ 0.2230.319	-
10-13026-4 Not in production	F9B-3600	09-45582	09-814B	01-43137	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35137	0.3431.780	0.2234.337/ 0.2230.319	-
10-13026-5 Not in production	F9B-3630	09-45582	09-814B	01-43135	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35137	0.3431.780	0.2234.337/ 0.2230.319	-
10-13026-6 Not in production	F9B-3620	09-45582	09-814B	01-43138	01-46794-08	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35137	0.3431.780	0.2234.337/ 0.2230.319	-
10-13026-7 Not in production	F9B-3007	09-45581	09-802B	01-43137	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35137	0.3431.780	0.2234.337/ 0.2230.319	-
10-13026-8 Not in production	F9B-3037	09-45581	09-802B	01-43135	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35137	0.3431.780	0.2234.337/ 0.2230.319	-
10-13026-9 Not in production	F9B-3027	09-45581	09-802B	01-43138	01-46794-08	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35137	0.3431.780	0.2234.337/ 0.2230.319	-
10-13026-10 Not in production	F9B-3607	09-45582	09-814B	01-43137	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35137	0.3431.780	0.2234.337/ 0.2230.319	-
10-13026-11 Not in production	F9B-3637	09-45582	09-814B	01-43135	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35137	0.3431.780	0.2234.337/ 0.2230.319	-
10-13026-12 Not in production	F9B-3627	09-45582	09-814B	01-43138	01-46794-08	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35137	0.3431.780	0.2234.337/ 0.2230.319	-
10-13027-63 Obsolete	F9B-5600	09-45582	09-814B	01-43137	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35138	0.3431.780	0.2230.319	0.3454.001 = 12V 2xA 0.3454.002 = 24V 2xA 0.3454.003 = 12V 1xB 0.3454.004 = 24V 1xB
10-13027-98	F9B-5607	09-45582	09-814B	01-43137	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35138	0.3431.780	0.2230.319	0.3454.001 = 12V 2xA 0.3454.002 = 24V 2xA 0.3454.003 = 12V 1xB 0.3454.004 = 24V 1xB

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

		A	1	2	3	4	5	6	7	8	9	10	11	
Part no.	Pump type	Service kit	Impeller	Cam	Camscrew	Seal	Gasket	Endcover	Endcover screw	Wearplate	Shaft	Bearing	Bearing seal	Clutch or Motor
10-13027-99	F9B-5600	09-45582	09-814B	01-43137	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35138	0.3431.780	0.2230.319	0.3454.001 = 12V 2xA 0.3454.002 = 24V 2xA 0.3454.003 = 12V 1xB 0.3454.004 = 24V 1xB
10-13064-1 Customer branded	F9B/F7B-9	09-46646-1	09-802B 09-1028B*	01-43137 01-42679	01-46794-02 01-46794-01	09-0.2247.051	01-42424 01-45758	-	0.0148.001	01-42423 01-42443	01-35214	0.3431.701	0.2233.016	-
10-13064-2	F9B/F7B-9	09-46646-1	09-802B 09-1028B*	01-43137 01-42679	01-46794-02 01-46794-01	09-0.2247.051	01-42424 01-45758	-	0.0148.001	01-42423 01-42443	01-35214	0.3431.701	0.2233.016	-
10-13080-01	F9B-9	09-45582	09-814B	01-45173	01-46794-09	09-0.2247.051	0.2173.459	01-45961	0.0138.134	01-42423	01-35276	0.3431.746	0.2233.002	-
10-13087-01 Obsolete, repl. by 10-13166-01	F9B-905	09-45582	09-814B	01-45018	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.003	01-42423	01-35298	0.3431.486	0.2233.002	-
10-13088-01	F8B-9	09-45579	09-819B	01-42680	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35294	0.3431.746	-	-
10-13088-02 Not in production	F8B-902	09-45579	09-819B	01-42755	01-46794-08	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35294	0.3431.746	-	-
10-13088-03	F8B-903	09-45579	09-819B	01-42425	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35294	0.3431.746	-	-
10-13095-01	F9B-9	09-45582	09-814B	01-43137	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35212	0.3431.684	0.2233.016	-
10-13095-02	F9B-9	09-45582	09-814B	01-43137	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35212	0.3431.684	0.2233.016	-
10-13096-01	F8B-9	09-45579	09-819B	01-42680	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35212	0.3431.684	0.2233.016	-
10-13096-02	F8B-9	09-45579	09-819B	01-42680	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35212	0.3431.684	0.2233.016	-
10-13121-01	F95B-3000	09-46371	09-820B	01-35744	01-46794-09	09-0.2247.018	0.2172.142	01-35284-2	0.0138.134	01-42423	01-35694	0.3431.743/ 0.3431.043**	0.2233.008/ 0.2230.322	-
10-13121-02 Not in production	F95B-3030	09-46371	09-820B	Obsolete	01-46794-11	09-0.2247.018	01-45354	01-35284	0.0138.134	01-42423	01-35694	0.3431.743/ 0.3431.043**	0.2233.008/ 0.2230.322	-
10-13121-03 Not in production	F95B-3020	09-46371	09-820B	Obsolete	01-46794-11	09-0.2247.018	01-45354	01-35284	0.0138.134	01-42423	01-35694	0.3431.743/ 0.3431.043**	0.2233.008/ 0.2230.322	-
10-13121-04	F95B-3007	09-46371	09-820B	01-35744	01-46794-09	09-0.2247.018	0.2172.142	01-35284-2	0.0138.134	01-42423	01-35694	0.3431.743/ 0.3431.043**	0.2233.008/ 0.2230.322	-
10-13141-01 Customer branded	F75B-9	09-46365	09-821B	01-46146	01-46794-12	09-0.2247.008	01-46286	01-46285	01-46794-12	01-42443	01-35703	0.3431.001/ 0.3431.044	0.2233.351	-

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

Part no.	Pump type	A Service kit	1 Impeller	2 Cam	3 Camscrew	4 Seal	5 Gasket	6 Endcover	7 Endcover screw	8 Wearplate	9 Shaft	10 Bearing	11 Bearing seal	Clutch or Motor
10-13141-02	F75B-9	09-46365	09-821B	01-46146	01-46794-12	09-0.2247.008	01-46286	01-46285	01-46794-12	01-42443	01-35703	0.3431.001/ 0.3431.044	0.2233.351	-
10-13142-01 Customer branded	F75B/F7B-9	09-46366	09-821B 09-1028B*	01-46146 01-42679	01-46794-12 01-46794-01	09-0.2247.008	01-46286 01-46362	-	0.0138.921	01-42443	01-35702	0.3431.001/ 0.3431.044	0.2233.351	-
10-13142-02	F75B/F7B-9	09-46366	09-821B 09-1028B*	01-46146 01-42679	01-46794-12 01-46794-01	09-0.2247.008	01-46286 01-46362	-	0.0138.921	01-42443	01-35702	0.3431.001/ 0.3431.044	0.2233.351	-
10-13143-98	F95B-5007	09-46371	09-820B	01-35744	01-46794-09	09-0.2247.018	0.2172.142	01-35284-2	0.0138.134	01-42423	01-35700	0.3431.743/ 0.3431.043**	0.2230.322	0.3454.001 = 12V 2xA 0.3454.002 = 24V 2xA 0.3454.003 = 12V 1xB 0.3454.004 = 24V 1xB
10-13143-99	F95B-5000	09-46371	09-820B	01-35744	01-46794-09	09-0.2247.018	0.2172.142	01-35284-2	0.0138.134	01-42423	01-35700	0.3431.743/ 0.3431.043**	0.2230.322	0.3454.001 = 12V 2xA 0.3454.002 = 24V 2xA 0.3454.003 = 12V 1xB 0.3454.004 = 24V 1xB
10-13145-01 Obsolete	F9B-9	-	09-802B	01-43137	01-46794-02	09-0.2247.051	0.2172.142	Cust.brand.	0.0138.134	01-42423	01-35870	0.3431.486	0.2234.001	
10-13153-01 Obsolete, repl. by 10-13265-01	F75B-9	09-46691	09-821B	01-46146	01-46794-12	09-0.2247.008	01-46286	Cust.brand.	01-46794-12	01-42443	01-35728	0.3431.665	0.2233.008	-
10-13159-01 Obsolete	F5B-905	-	09-1027B-1*	01-46474	01-46794-12	0.2233.001	01-46473	Cust.brand.	0.0141.502	-	-	0.3431.761	-	-
10-13159-02 Obsolete	F5B-905	-	09-1027B-1*	01-46474	01-46794-12	0.2233.001	01-46473	Cust.brand.	0.0141.502	-	-	0.3431.761	-	-
10-13159-03 Obsolete	F5B-905	-	09-1027B-1*	01-46474	01-46794-12	0.2233.001	01-46473	Cust.brand.	0.0141.502	-	-	0.3431.761	-	-
10-13159-04 Obsolete	F5B-905	-	09-1027B-1*	01-46474	01-46794-12	0.2233.001	01-46473	Cust.brand.	0.0141.502	-	-	0.3431.761	-	-

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

		A	1	2	3	4	5	6	7	8	9	10	11	
Part no.	Pump type	Service kit	Impeller	Cam	Camscrew	Seal	Gasket	Endcover	Endcover screw	Wearplate	Shaft	Bearing	Bearing seal	Clutch or Motor
10-13159-05 Obsolete	F5B-905	-	09-1027B-1*	01-46474	01-46794-12	0.2233.001	01-46473	Cust.brand.	0.0141.502	-	-	0.3431.761	-	-
10-13159-06 Obsolete	F5B-905	-	09-1027B-1*	01-46474	01-46794-12	0.2233.001	01-46473	Cust.brand.	0.0141.502	-	-	0.3431.761	-	-
10-13159-07 Customer branded	F5B-905	-	09-1027B-1*	01-46706	-	0.2233.001	0.2173.471	Cust.brand.	0.0141.502	-	01-46475	0.3431.761	-	
10-13159-08 Customer branded	F5B-905	-	09-1027B-1*	01-46706	-	0.2233.001	0.2173.471	Cust.brand.	0.0141.502	-	01-46475	0.3431.761	-	
10-13165-01 Customer branded	F95B-9	09-46599-1	09-820B	01-35744	01-46794-09	09-0.2247.018	0.2172.142	01-35773-2	0.0138.134	01-42423	01-35743	0.3428.516	0.2234.502	-
10-13165-02	F95B-9	09-46599-1	09-820B	01-35744	01-46794-09	09-0.2247.018	0.2172.142	01-35773-2	0.0138.134	01-42423	01-35743	0.3428.516	0.2234.502	
10-13166-01 Customer branded	F9B-905	09-45582	09-814B	01-45018	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.003	01-42423	01-35742	0.3431.486	0.2233.002	-
10-13170-01 Customer branded	F75B-9	-	09-821B	01-46146	01-46794-12	09-0.2247.008	0.2173.493	01-46285	01-46794-12	01-42443	01-35771	0.3431.485	0.2233.008	-
10-13171-01 Customer branded	F9B-905	-	09-814B	01-45172	01-46794-09	09-0.2247.051	0.2172.142	01-42422-1	0.0138.134	01-46538	01-35833	0.3431.780	0.2230.319	-
10-13175-01	F8B-3000-TSS	09-45579	09-819B	01-42680	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35137	0.3431.780	0.2230.319	-
10-13176-99	F8B-5000-TSS	09-45579	09-819B	01-42680	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35138	0.3431.780	0.2234.337/ 0.2230.319	0.3454.001 = 12V 2xA 0.3454.002 = 24V 2xA 0.3454.003 = 12V 1xB 0.3454.004 = 24V 1xB
10-13177-01	F9B-3000-TSS	09-45581	09-802B	01-43137	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35137	0.3431.780	0.2234.337/ 0.2230.319	-
10-13178-99	F9B-5600-TSS	09-45582	09-814B	01-43137	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35137	0.3431.780	0.2230.319	0.3454.001 = 12V 2xA 0.3454.002 = 24V 2xA 0.3454.003 = 12V 1xB 0.3454.004 = 24V 1xB

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

Part no.	Pump type	A Service kit	1 Impeller	2 Cam	3 Camscrew	4 Seal	5 Gasket	6 Endcover	7 Endcover screw	8 Wearplate	9 Shaft	10 Bearing	11 Bearing seal	Clutch or Motor
10-13180-01 Obsolete, repl. by 10-13263-01	F8B-9	09-46692	09-819B	01-42680	01-46794-02	09-0.2247.008	0.2172.142	01-42422-1	0.0138.134	01-42423	01-35796	0.3431.525	0.2234.010	-
10-13208-01 Customer branded	F6B-9	-	09-812B-1**	-	-	0.2233.001	0.2173.475	01-46556	0.0279.301	-	01-46669	0.3431.742	-	
10-13208-02 Customer branded	F6B-9	-	09-812B-1**	-	-	0.2233.001	0.2173.475	01-46556	0.0279.301	-	01-46669	0.3431.742	-	
10-13223-01 Obsolete	F5B-9	-	09-1027B-1*	-	-	0.2233.001	0.2173.476	-	0.0141.501	-	-	0.3431.753	-	
10-13223-02 Obsolete	F5B-9	-	09-1027B-1*	-	-	0.2233.001	0.2173.476	-	0.0141.501	-	-	0.3431.753	-	
10-13223-03 Obsolete	F5B-9	-	09-1027B-1*	-	-	0.2233.001	0.2173.476	-	0.0141.501	-	-	0.3431.753	-	
10-13223-04 Obsolete	F5B-9	-	09-1027B-1*	-	-	0.2233.001	0.2173.476	-	0.0141.501	-	-	0.3431.753	-	
10-13225-01	F9B-3000-VF	09-45581	09-802B	01-43137	01-46794-02	09-0.2247.051	0.2172.142	01-42422-3 (o-ring)	0.0144.200	01-42423	01-35137	0.3431.780	0.2234.337 ***	-
10-13226-99	F9B-5600-VF	09-45581	09-814B	01-43137	01-46794-02	09-0.2247.051	0.2172.142	01-42422-3	0.0144.200	01-42423	01-35138	0.3431.780	0.2230.319	0.3454.001 = 12V 2xA 0.3454.002 = 24V 2xA 0.3454.003 = 12V 1xB 0.3454.004 = 24V 1xB
10-13234-01 Customer branded	F8B-9	-	09-1029B	01-42680	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.002	01-42423	01-35868	0.3431.684	0.2233.016	
10-13236-01 Obsolete	F5B-9	-	09-1027B-1*	-	-	0.2233.001	0.2173.476	-	0.0141.501	-	-	0.3431.753	-	
10-13236-02 Obsolete	F5B-9	-	09-1027B-1*	-	-	0.2233.001	0.2173.476	-	0.0141.501	-	-	0.3431.753	-	
10-13243-01 Customer branded	F95B-9	-	09-820B	01-35883	01-46794-09	09-0.2247.018	0.2172.142	01-35773-2	0.0138.134	01-46538	01-35872	0.3431.743 0.3431.043	0.2234.010	
10-13248-01 Customer branded	F95B-9	-	09-820B	01-35744	01-46794-09	09-0.2247.018	0.2172.142	01-35773-2	0.0138.134	01-46538	01-35892	0.3428.515 0.3431.745	0.2234.502	
10-13248-02 Customer branded	F95B-903	-	09-820B	01-35854	01-46794-09	09-0.2247.018	0.2172.142	01-35773-2	0.0138.134	01-46538	01-35892	0.3428.515 0.3431.745	0.2234.502	
10-13260-01 Customer branded	F8B-9	-	09-1029B	01-45771	01-46794-02	0.2233.250	01-45354	01-35284	0.0138.134	01-42423	01-46822	0.3431.780	0.2233.250	

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

		A	1	2	3	4	5	6	7	8	9	10	11	
Part no.	Pump type	Service kit	Impeller	Cam	Camscrew	Seal	Gasket	Endcover	Endcover screw	Wearplate	Shaft	Bearing	Bearing seal	Clutch or Motor
10-13263-01 Customer branded	F8B-9	-	09-819B	01-42680	01-46794-02	09-0.2247.008	0.2172.142	Cust. branded	0.0138.134	01-42423	01-35910	0.3431.525	0.2234.010	
10-13265-01 Obsolete, repl by 10-13306-01	F75B-9	-	09-821B	01-46146	01-46794-12	09-0.2247.008	01-46286	Cust. branded	0.0141.502	01-42443	01-35911	0.3431.030	0.2233.008	
10-13283-01	F5B-9	-	09-1027B-1*	-	-	0.2233.252	0.2173.475	Cust. branded	0.0141.502	01-46532-2	01-46896	0.3431.755	0.2234.015	
10-13283-1 Obsolete, repl by 10-13283-01	F5B-9	-	09-1027B-1*	-	-	0.2233.252	0.2173.475	Cust. branded	0.0141.502	01-46532-2	01-46896	0.3431.755	0.2234.015	
10-13286-01 Customer branded	F75B-9	-	09-821B	01-46146	01-46794-12	09-0.2247.008	0.2172.996	Cust. branded	0.0141.503	01-42443	01-35998	0.3431.485	0.2233.008	
10-13305-01 Customer branded	F8B-9	-	09-819B	01-42680	01-46794-02	09-0.2247.008	0.2172.142	Cust. branded	0.0138.134	01-42423	01-35910	0.3431.525	0.2234.010	
10-13306-01 Customer branded	F75B-9	-	09-821B	01-46146	01-46794-12	09-0.2247.008	01-46286	Cust. branded	0.0141.502	01-42443	01-35911	0.3431.030	0.2233.008	
10-13324-01 Customer branded, repl by 10-13353-01	F5B-9	-	09-1027B-1*	-	-	0.2233.001	0.2173.476	-	-	-	-	0.3431.753	-	
10-13324-02 Customer branded, repl by 10-13353-02	F5B-9	-	09-1027B-1*	-	-	0.2233.001	0.2173.476	-	-	-	-	0.3431.753	-	
10-13324-03 Customer branded, repl by 10-13353-03	F5B-9	-	09-1027B-1*	-	-	0.2233.001	0.2173.476	-	-	-	-	0.3431.753	-	
10-13324-04 Customer branded, repl by 10-13353-04	F5B-9	-	09-1027B-1*	-	-	0.2233.001	0.2173.476	-	-	-	-	0.3431.753	-	
10-13325-01 Customer branded, repl by 10-13354-01	F5B-9	-	09-1027B-1*	-	-	0.2233.001	0.2173.476	-	-	-	-	0.3431.753	-	
10-13325-02 Customer branded, repl by 10-13354-02	F5B-9	-	09-1027B-1*	-	-	0.2233.001	0.2173.476	-	-	-	-	0.3431.753	-	
10-13328-01 Customer branded	F5B-9	-	09-1027B-1*	-	-	09-0.2247.050	0.2173.475	01-46535	0.0138.987	01-46532	01-46531	0.3431.483	-	
10-13328-02 Customer branded	F5B-9	-	09-1027B-1*	-	-	09-0.2247.050	0.2173.475	01-46535	0.0138.987	01-46532	01-46531	0.3431.483	-	
10-13331-01 Customer branded, replaced by 0-13432-01	F6B-9	-	09-812B-1*-1*	-	-	0.2233.001	0.2173.475	01-36007	0.0141.503	-	-	0.3431.742	-	0.3431.749
10-13333-01 Customer branded	F6B-9	-	09-812B-1*-1*	01-46502	0.0279.033	09-0.2247.022	0.2173.475	01-46556	0.0141.502	01-42399-2	01-36010	0.3431.778	0.2233.405	

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

Part no.	Pump type	A Service kit	1 Impeller	2 Cam	3 Camscrew	4 Seal	5 Gasket	6 Endcover	7 Endcover screw	8 Wearplate	9 Shaft	10 Bearing	11 Bearing seal	Clutch or Motor
10-13337-01 Customer branded	F4B-903	-	09-810B-1*	-	-	0.2233.010	0.2173.476	01-42398	0.0141.700	-	01-46541	0.3431.760 0.3431.748	-	
10-13338-01	F95B-9	-		01-35744	0.0252.189	09-0.2247.018	0.2172.142	01-35284-2	0.0138.134	01-42423	01-36018	0.3431.745 0.3428.515	-	
10-13344-01 Customer branded	F5B-905	-	09-1027B-1*	01-46706	0.0141.502	0.2233.001	01-46540	Cust.branded	0.0141.502	-	-	0.3431.761	-	
10-13345-01 Customer branded	F6B-9	-	09-812B-1*-1*	-		0.2233.001	0.2173.475	01-46556	0.0141.503	-	-	0.3431.742	-	
10-13353-01 Customer branded	F5B-9	-	09-1027B-1*	-	-	0.2233.001	0.2173.476	-	-	-	-	0.3431.753	-	
10-13353-02 Customer branded	F5B-9	-	09-1027B-1*	-	-	0.2233.001	0.2173.476	-	-	-	-	0.3431.753	-	
10-13353-03 Customer branded	F5B-9	-	09-1027B-1*	-	-	0.2233.001	0.2173.476	-	-	-	-	0.3431.753	-	
10-13353-04 Customer branded	F5B-9	-	09-1027B-1*	-	-	0.2233.001	0.2173.476	-	-	-	-	0.3431.753	-	
10-13354-01 Customer branded	F5B-9	-	09-1027B-1*	-	-	0.2233.001	0.2173.476	-	-	-	-	0.3431.753	-	
10-13354-02 Customer branded	F5B-9	-	09-1027B-1*	-	-	0.2233.001	0.2173.476	-	-	-	-	0.3431.753	-	
10-13356-01 Customer branded	F6B-9	-	09-812B-1*-1*	-	-	0.2233.001	0.2173.476	-	-	-	-	0.3431.753	-	
10-13356-03 Customer branded	F6B-9	-	09-812B-1*-1*	-	-	0.2233.001	0.2173.476	-	-	-	-	0.3431.753	-	
10-13356-04 Customer branded	F6B-9	-	09-812B-1*-1*	-	-	0.2233.001	0.2173.476	-	-	-	-	0.3431.753	-	
10-13357-01 Customer branded	F6B-9	-	09-812B-1*-1*	-	-	0.2233.001	0.2173.476	-	-	-	-	0.3431.753	-	
10-13374-01 Customer branded	F7B-9	-	09-1028B	-	-	09-0.2247.022	0.2172.012	-	-	-	-	0.3431.742	-	
10-13376-01 Customer Branded	F6B-9	-	09-812B-1*-1*	-	-	09-0.2247.022	0.2173.475	01-46556	0.0141.502	01-46969	01-46964	0.3431.778	0.2234.016	
10-13377-01 Customer Branded	F98B-9	-	09-842B???	01-36062	0.0252.189	09-0.2247.018	0.2172.142	01-35773-2	0.0138.134	01-42423	01-36061	0.3428.516	-	

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

		A	1	2	3	4	5	6	7	8	9	10	11	
Part no.	Pump type	Service kit	Impeller	Cam	Camscrew	Seal	Gasket	Endcover	Endcover screw	Wearplate	Shaft	Bearing	Bearing seal	Clutch or Motor
10-13392-01 Customer Branded	F5B-9	-	09-1027B-1*	01-45976	01-46794-05	0.2233.001	01-42401	01-46007	0.0279.500	01-42399	01-47217	0.3431.761	-	
10-13392-02 Customer Branded	F5B-9	-	09-1027B-1*	01-45976	01-46794-05	0.2233.001	01-42401	01-46007	0.0279.500	01-42399	01-47217	0.3431.761	-	
10-13432-01 Customer Branded	F6B-9	-	09-812B-1*-1*	-	-	0.2233.001	0.2173.475	Cust.branded	0.0141.503	-	-	0.3431.779 0.3431.742		
10-21876-1 Obsolete	F7B-9	09-45590	09-1028B*	01-42679	01-46794-07	09-0.2247.050	01-42400	01-42441	01-46794-05	01-42443	01-31964	0.3431.486	0.2233.002	
10-21876-2	F7B-903	09-45590	09-1028B*	01-42442	01-46794-07	09-0.2247.050	01-42400	01-42441	01-46794-05	01-42443	01-31964	0.3431.486	0.2233.002	
10-21915-1 Customer branded	F8B-903	09-45579	09-1029B	01-42425	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-32020	0.3431.486	0.2233.002	-
10-21915-2	F8B-903	09-45579	09-819B	01-42425	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-32020	0.3431.486	0.2233.002	-
10-22044-1 Obsolete, repl. by 10-24210-1	F5B-3	09-45583	09-1027B-1*	01-42397	01-46794-05	09-0.2247.050	01-42401	01-42398	01-46794-04	01-42399	Obsolete	0.3431.482	0.2233.001/ Obsolete	-
10-22044-2 Obsolete, repl. by 10-24210-3	F5B-302	09-45583	09-1027B-1*	01-45014	0.0279.032	09-0.2247.050	01-42401	01-42398	01-46794-04	01-42399	Obsolete	0.3431.482	0.2233.001/ Obsolete	-
10-22044-3 Obsolete, repl. by 10-24210-2	F5B-39	09-45584	09-1027B-9	01-42397	01-46794-05	09-0.2247.050	01-42401	01-42398	01-46794-04	01-42399	Obsolete	0.3431.482	0.2233.001/ Obsolete	-
10-22044-4 Obsolete, repl. by 10-24210-4	F5B-392	09-45584	09-1027B-9	01-45014	0.0279.032	09-0.2247.050	01-42401	01-42398	01-46794-04	01-42399	Obsolete	0.3431.482	0.2233.001/ Obsolete	-
10-22045-1 Obsolete, repl. by 10-24209-1	F7B-3	09-45590	09-1028B*	01-42679	01-46794-01	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	Obsolete	0.3431.484	0.2233.001/ Obsolete	-
10-22045-2 Obsolete, repl. by 10-24209-2	F7B-39	09-45591	09-1028B-9	01-42679	01-46794-01	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	Obsolete	0.3431.484	0.2233.001/ Obsolete	-
10-22045-3 Obsolete, repl. by 10-24209-3	F7B-303	09-45590		01-42442	01-46794-07	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	Obsolete	0.3431.484	0.2233.001/ Obsolete	-
10-22045-4 Obsolete, repl. by 10-24209-4	F7B-393	09-45591	09-1028B-9	01-42442	01-46794-07	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	Obsolete	0.3431.484	0.2233.001/ Obsolete	-
10-22047-1 Obsolete, repl. by 10-13024-1	F8B-3	09-45579	09-819B	01-42680	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.003	01-42423	Obsolete	0.3431.486	0.2233.004/ 0.2233.002	-
10-22047-2 Obsolete, repl. by 10-13024-2	F8B-39	-	09-819B-9	01-42680	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.003	01-42423	Obsolete	0.3431.486	0.2233.004/ 0.2233.002	-
10-22047-3 Obsolete, repl. by 10-13024-3	F8B-303	09-45579	09-819B	01-42425	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.003	01-42423	Obsolete	0.3431.486	0.2233.004/ 0.2233.002	-

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

Part no.	Pump type	A Service kit	1 Impeller	2 Cam	3 Camscrew	4 Seal	5 Gasket	6 Endcover	7 Endcover screw	8 Wearplate	9 Shaft	10 Bearing	11 Bearing seal	Clutch or Motor
10-22047-4 Obsolete, repl. by 10-13024-4	F8B-393	-	09-819B-9	01-42425	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.003	01-42423	01-32185 Obsolete	0.3431.486	0.2233.004/ 0.2233.002	-
10-22054-1 Obsolete	F7B-3	09-45590	09-1028B*	01-42679	01-46794-01	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	Obsolete	0.3431.484	0.2233.001	-
10-22055-1 Obsolete, repl. by 10-24074-1	F4B/6-M	-	09-1026B-1*	01-42389	01-46794-04	Obsolete	01-42391	01-42398	0.0279.501	-	Obsolete	-	-	-
10-22096-1	F8B-900	09-45579	09-819B	01-42680	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.003	01-42423	01-32253	0.3431.486	0.2233.002	-
10-22096-2 Obsolete	F8B-903	09-45579	09-819B	01-42425	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.003	01-42423	01-32253	0.3431.486	0.2233.002	-
10-22096-3	F8B-902	09-45579	09-819B	01-42755	01-46794-08	09-0.2247.051	01-42424	01-42422-1	0.0144.003	01-42423	01-32253	0.3431.486	0.2233.002	-
10-22139-1 Obsolete	F7B-903	09-45590	09-1028B*	01-42442	01-46794-07	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	Obsolete	0.3431.523	Obsolete	-
10-22143-1 Obsolete, repl. by 10-24140-1	F5B-9	09-45583	09-1027B-1 *	01-42397	01-46794-05	09-0.2247.050	01-42401	01-42398	01-46794-04	01-42399	Obsolete	0.3431.484	0.2233.350	-
10-22143-2 Obsolete, repl. by 10-24140-2	F5B-902	09-45583	09-1027B-1 *	01-45014	0.0279.032	09-0.2247.050	01-42401	01-42398	01-46794-04	01-42399	Obsolete	0.3431.484	0.2233.350	-
10-22144-1 Obsolete	F7B-9	09-45590	09-1028B*	01-42679	01-46794-01	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	Obsolete	0.3431.523	0.2233.350	-
10-22147-1 Obsolete	F7B-903	09-45590	09-1028B *	01-42442	01-46794-07	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-31964	0.3431.486	0.2233.002	-
10-22160-1 Obsolete, repl. by 10-24074-1	F4B-4	-	09-1026B-1*	01-42389	01-46794-04	Obsolete	01-42391	01-42398	0.0279.501	-	Obsolete	0.3431.754	-	-
10-22162- Obsolete, repl. by 10-13025-	F8B-5	09-45579	09-819B	01-42680	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.003	01-42423	Obsolete	0.3431.486	0.2234.337/ 0.2233.002	0.3454.001 = 12V 2xA 0.3454.002 = 24V 2xA 0.3454.003 = 12V 1xB 0.3454.004 = 24V 1xB
10-22335-2 Customer branded	F7B-903	09-45590	09-1028B*	01-42679	01-46794-07	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-31964	0.3431.486	0.2233.002	-
10-22335-3	F7B-9	09-45590	09-1028B*	01-42679	01-46794-07	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-31964	0.3431.486	0.2233.002	-
10-22335-4 Obsolete	F7B-903	09-45590	09-1028B*	01-42442	01-46794-07	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-31964	0.3431.486	0.2233.002	-

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

		A	1	2	3	4	5	6	7	8	9	10	11	
Part no.	Pump type	Service kit	Impeller	Cam	Camscrew	Seal	Gasket	Endcover	Endcover screw	Wearplate	Shaft	Bearing	Bearing seal	Clutch or Motor
10-22342-	F7B-5	09-45590	09-1028B*	01-42679	01-46794-01	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	Obsolete	0.3431.484	0.2233.001/ Obsolete	0.3454.001 = 12V 2xA 0.3454.002 = 24V 2xA 0.3454.003 = 12V 1xB 0.3454.004 = 24V 1xB
Obsolete, repl. by 10-24116-														
10-22346-1	F9B-3	09-45581	09-802B	01-43137	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.003	01-42423	Obsolete	0.3431.486	0.2234.337/	- 0.2230.319
Obsolete, repl. by 10-13026-1														
10-22346-2	F9B-303	09-45581	09-802B	01-43135	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.003	01-42423	Obsolete	0.3431.486	0.2233.002	-
Obsolete, repl. by 10-13026-2														
10-22352-1/2	F3B-12/24V	09-45595	09-1052S-9*	Obsolete	0.0279.500	0.2233.007	01-43142	01-43141	0.0279.501	-	-	-	-	Obsolete
Obsolete, repl. by 10-24182-1/-2														
10-22353-1/2	F3P10-12/ 24V	-	09-1052S-9*	-	-	0.2233.007	Obsolete	Obsolete	0.0279.500	-	-	-	-	Obsolete
Obsolete														
10-22354-1	F7B-9	09-45590	09-1028B*	01-42679	01-46794-01	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	Obsolete	0.3431.484	0.2233.350	-
Obsolete, repl. by 10-24139-1														
10-22354-2	F7B-903	09-45590	09-1028B*	01-42442	01-46794-07	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	Obsolete	0.3431.484	0.2233.350	-
Obsolete, repl. by 10-24139-2														
10-22355-1	F5B-9	09-45583	09-1027B-1*	01-42397	01-46794-05	09-0.2247.050	01-42401	01-42398	01-46794-04	01-42399	Obsolete	0.3431.484	0.2233.350	-
Obsolete														
10-22355-2	F5B-902	09-45583	09-1027B-1*	01-45014	0.0279.032	09-0.2247.050	01-42401	01-42398	01-46794-04	01-42399	Obsolete	0.3431.484	0.2233.350	-
Obsolete														
10-22362-	F9B-5	09-45581	09-802B	01-43137	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.003	01-42423	Obsolete	0.3431.486	0.2234.337/ 0.2233.002	0.3454.001 = 12V 2xA 0.3454.002 = 24V 2xA 0.3454.003 = 12V 1xB 0.3454.004 = 24V 1xB
Obsolete, repl. by 10-13027-														
10-24001-1	C1B-12V	-	Obsolete	-	-	0.2233.007	Obsolete	Obsolete	0.0256.011	-	-	-	Obsolete	
Obsolete														
10-24001-2	C1B-24V	-	Obsolete	-	-	0.2233.007	Obsolete	Obsolete	0.0256.011	-	-	-	Obsolete	
Obsolete														
10-24002-1	F5B-12V	-	Obsolete	01-42397	01-46794-05	Obsolete	01-42401	01-43252	01-46794-04	01-42399	-	-	-	Obsolete
Obsolete, repl. by 10-24188-1														

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

Part no.	Pump type	A Service kit	1 Impeller	2 Cam	3 Camscrew	4 Seal	5 Gasket	6 Endcover	7 Endcover screw	8 Wearplate	9 Shaft	10 Bearing	11 Bearing seal	Clutch or Motor
10-24002-2 Obsolete, repl. by 10-24188-2	F5B-24V	-	Obsolete	01-42397	01-46794-05	Obsolete	01-42401	01-43252	01-46794-04	01-42399	-	-	-	Obsolete
10-24006-1 Customer branded	F9B-905	09-45582	09-814B	01-45172	01-46794-09	09-0.2247.051	0.2173.459	01-45961	0.0138.134	01-42423	01-32253	0.3431.486	0.2233.002	-
10-24006-2 Customer branded	F9B-903	09-45582	09-814B	01-45384	01-46794-09	09-0.2247.051	0.2173.459	01-45961	0.0138.134	01-42423	01-32253	0.3431.486	0.2233.002	-
10-24006-3 Obsolete	F9B-905	09-45582	09-814B	01-45172	01-46794-09	09-0.2247.051	0.2173.459	01-45961	0.0138.134	01-42423	01-32253	0.3431.486	0.2233.002	-
10-24006-4 Obsolete	F9B-903	09-45582	09-814B	01-45384	01-46794-09	09-0.2247.051	0.2173.459	01-45961	0.0138.134	01-42423	01-32253	0.3431.486	0.2233.002	-
10-24014-1	F7B-9000	-	09-1028B*	01-42679	01-46794-01	09-0.2247.003	01-42445	01-42441	0.0279.033	01-42443	01-45006	0.3431.203	0.2233.004/ 0.2233.011	-
10-24014-2 Obsolete	F7B-9001	-	09-1028B*	01-42679	01-46794-01	09-0.2247.003	01-42445	01-42441	0.0279.033	01-42443	01-45006	0.3431.203	0.2233.004/ 0.2233.011	-
10-24014-3 Obsolete	F7B-9002	-	09-1028B*	01-42679	01-46794-01	09-0.2247.003	01-42445	01-42441	0.0279.033	01-42443	Obsolete	0.3431.203	0.2233.004/ 0.2233.011	-
10-24014-4	F7B-9030	-	09-1028B*	01-42442	01-46794-07	09-0.2247.003	01-42445	01-42441	0.0279.033	01-42443	01-45006	0.3431.203	0.2233.004/ 0.2233.011	-
10-24014-5 Obsolete	F7B-9000	-	09-1028B*	01-42679	01-46794-01	09-0.2247.003	01-42445	01-42441	0.0279.033	01-42443	01-45006	0.3431.203	0.2233.004/ 0.2233.011	-
10-24014-6 Obsolete	F7B-9030	-	09-1028B*	01-42442	01-46794-07	09-0.2247.003	01-42445	01-42441	0.0279.033	01-42443	01-45006	0.3431.203	0.2233.004/ 0.2233.011	-
10-24014-7	F7B-9	-	09-1028B*	01-42679	01-46794-01	09-0.2247.003	01-42445	01-42441	0.0279.033	01-42443	01-45006	0.3431.203	0.2233.406/ 0.2233.011	
10-24015-1 Obsolete	F5B-9	09-45583	09-1027B-1*	01-42397	01-46794-05	09-0.2247.050	01-42401	01-42398	01-46794-04	01-42399	01-31927-2	0.3431.484	0.2234.482	-
10-24017-1 Customer branded	F7B-903	09-45590	09-1028B*	01-42679	01-46794-07	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-31964	0.3431.486	0.2233.002	-
10-24017-2 Customer branded	F7B-903	09-45590	09-1028B*	01-42442	01-46794-07	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-31964	0.3431.486	0.2233.002	-
10-24017-3	F7B-903	09-45590	09-1028B*	01-42679	01-46794-07	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-31964	0.3431.486	0.2233.002	-
10-24017-4	F7B-903	09-45590	09-1028B*	01-42442	01-46794-07	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-31964	0.3431.486	0.2233.002	-
10-24018-1 Obsolete	F4B/F4B-4	-	09-1026B-1*	01-42389	01-46794-04	Obsolete	01-42391	-	Obsolete	-	Obsolete	0.3431.754	-	Obsolete

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

		A	1	2	3	4	5	6	7	8	9	10	11	
Part no.	Pump type	Service kit	Impeller	Cam	Camscrew	Seal	Gasket	Endcover	Endcover screw	Wearplate	Shaft	Bearing	Bearing seal	Clutch or Motor
10-24018-2 Obsolete	F4B/F4B-4	-	09-1026B-1*	01-42389	01-46794-04	Obsolete	01-42391	-	Obsolete	-	Obsolete	0.3431.754	-	Obsolete
10-24020-1 Obsolete, repl. by 10-24017-1 (partly)	F7B-9	09-45590	09-1028B*	01-42679	01-46794-01	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-31964	0.3431.486	0.2233.002	-
10-24020-2 Obsolete, repl. by 10-24017-2 (partly)	F7B-9	09-45590	09-1028B*	01-42442	01-46794-01	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-31964	0.3431.486	0.2233.002	-
10-24026-1 Obsolete, repl. by 10-21915-1	F8B-903	09-45579	09-819B	01-42425	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-32020	0.3431.486	0.2233.002	-
10-24027-1 Obsolete, repl. by 10-21915-1	F8B-903	09-45579	09-819B	01-42425	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-32020	0.3431.486	0.2233.002	-
10-24028-1 Obsolete, repl. by 10-24017-2 (partly)	F7B-903	09-45590	09-1028B*	01-42442	01-46794-07	09-0.2247.050	01-42445	01-42422-1	01-46794-05	01-42443	01-31964	0.3431.486	0.2233.002	-
10-24035-1 Obsolete, repl. by 10-24119-1	F5B-9001	09-45585	09-1027B-1*	01-42397	01-46794-05	0.2233.001	01-42401	01-42398	0.0279.500	01-42399	Obsolete	Obsolete	0.2233.001 ***	-
10-24035-2 Obsolete, repl. by 10-24119-2	F5B-9002	09-45585	09-1027B-1*	01-42397	01-46794-05	0.2233.001	01-42401	01-42398	0.0279.500	01-42399	Obsolete	Obsolete	0.2233.001 ***	-
10-24035-3 Obsolete, repl. by 10-24119-3	F5B-9022	09-45585	09-1027B-1*	01-45014	0.0279.032	0.2233.001	01-42401	01-42398	0.0279.500	01-42399	Obsolete	Obsolete	0.2233.001 ***	-
10-24035-4 Obsolete, repl. by 10-24119-4	F5B-9003	09-45585	09-1027B-1*	01-42397	01-46794-05	0.2233.001	01-42401	01-42398	0.0279.500	01-42399	Obsolete	Obsolete	0.2233.001 ***	-
10-24035-5 Obsolete, repl. by 10-24119-5	F5B-9004	09-45585	09-1027B-1*	01-42397	01-46794-05	0.2233.001	01-42401	01-42398	0.0279.500	01-42399	Obsolete	Obsolete	0.2233.001 ***	-
10-24035-6 Obsolete, repl. by 10-24119-6	F5B-9005	09-45585	09-1027B-1*	01-42397	01-46794-05	0.2233.001	01-42401	01-42398	0.0279.500	01-42399	Obsolete	Obsolete	0.2233.001 ***	-
10-24047-1 Obsolete	F5B/F4B-9	-	09-1027B-1* 09-1026B-1*	01-45014 01-42397	01-46794-04 0.0279.032	09-0.2247.050	01-42401	-	Obsolete	01-42399	Obsolete	0.3431.482	0.2233.001	-
10-24048-1 Obsolete, repl. by 10-24017-4	F7B-903	09-45590	09-1028B *	01-42442	01-46794-07	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-31964	0.3431.486	0.2233.002	-
10-24053-1 Obsolete, repl. by 10-24131-1	F5B-902	09-45583	09-1027B-1*	01-45014	0.0279.032	09-0.2247.050	01-42401	01-42398	01-46794-04	01-42399	Obsolete	0.3431.482	0.2233.001	-
10-24053-2 Obsolete, repl. by 10-24131-2	F5B-905	09-45583	09-1027B-1*	01-45199	0.0279.032	09-0.2247.050	01-42401	01-42398	01-46794-04	01-42399	Obsolete	0.3431.482	0.2233.001	-
10-24057-1 Obsolete, repl. by 10-22335-2 (partly)	F7B-903	09-45590	09-1028B*	01-42442	01-46794-07	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-31964	0.3431.486	0.2233.002	-

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

Part no.	Pump type	A Service kit	1 Impeller	2 Cam	3 Camscrew	4 Seal	5 Gasket	6 Endcover	7 Endcover screw	8 Wearplate	9 Shaft	10 Bearing	11 Bearing seal	Clutch or Motor
10-24061-1 Customer branded	F7B-9	09-45592	09-1028B*	01-42679	01-46794-07	0.2233.001	01-42445	01-42441	0.0141.502	-	01-45044	0.3431.483	0.2233.001 ***	-
10-24061-2 Customer branded	F7B-902	09-45592	09-1028B*	01-42584	01-46794-06	0.2233.001	01-42445	01-42441	0.0141.502	-	01-45044	0.3431.483	0.2233.001 ***	-
10-24061-3	F7B-9	09-45592	09-1028B*	01-42679	01-46794-07	0.2233.001	01-42445	01-42441	0.0141.502	-	01-45044	0.3431.483	0.2233.001 ***	-
10-24061-4 Obsolete	F7B-902	09-45592	09-1028B*	01-42584	01-46794-06	0.2233.001	01-42445	01-42441	0.0141.502	-	01-45044	0.3431.483	0.2233.001 ***	-
10-24070-1 Obsolete, repl by 10-24572-01	F7B-8	09-45592	09-1028B*	01-42679	01-46794-01	0.2233.001	01-42445	01-42441	0.0279.033	-	01-45045	0.3431.742	-	-
10-24070-2 Obsolete	F7B-89	09-45593	09-1028B-9	01-42679	01-46794-01	0.2233.001	01-42445	01-42441	0.0279.033	-	01-45045	0.3431.742	-	-
10-24070-3 Obsolete, repl by 10-24572-05	F7B-803	09-45592	09-1028B*	01-42442	01-46794-07	0.2233.001	01-42445	01-42441	0.0279.033	-	01-45045	0.3431.742	-	-
10-24070-4 Obsolete	F7B-893	09-45593	09-1028B-9	01-42442	01-46794-07	0.2233.001	01-42445	01-42441	0.0279.033	-	01-45045	0.3431.742	-	-
10-24070-5 Obsolete, repl. by 10-24572-51	F7B-8007	09-45592	09-1028B*	01-42679	01-46794-01	0.2233.001	01-42445	01-42441	0.0279.033	-	01-45045	0.3431.742	-	-
10-24070-6 Obsolete	F7B-8907	09-45593	09-1028B-9	01-42679	01-46794-01	0.2233.001	01-42445	01-42441	0.0279.033	-	01-45045	0.3431.742	-	-
10-24070-7 Obsolete	F7B-8037	09-45592	09-1028B*	01-42442	01-46794-07	0.2233.001	01-42445	01-42441	0.0279.033	-	01-45045	0.3431.742	-	-
10-24070-8 Obsolete	F7B-8937	09-45593	09-1028B-9	01-42442	01-46794-07	0.2233.001	01-42445	01-42441	0.0279.033	-	01-45045	0.3431.742	-	
10-24070-9 Obsolete	F7B-8	09-45592	09-1028B*	01-42679	01-46794-01	0.2233.001	01-42445	01-46005	0.0279.033	-	01-45045	0.3431.742	-	-
10-24070-10 Obsolete	F7B-8	09-45592	09-1028B*	01-42679	01-46794-01	0.2233.252	01-42445	01-46431	0.0279.033	-	01-45045	0.3431.742	-	-
10-24070-51 Obsolete	F7B-8007	09-45592	09-1028B*	01-42679	01-46794-01	0.2233.001	01-42445	01-42441	0.0279.033	-	01-46417	0.3431.742	-	-

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

		A	1	2	3	4	5	6	7	8	9	10	11	
Part no.	Pump type	Service kit	Impeller	Cam	Camscrew	Seal	Gasket	Endcover	Endcover screw	Wearplate	Shaft	Bearing	Bearing seal	Clutch or Motor
10-24071-98	F7B-50017	09-45592	09-1028B*	01-42679	01-46794-01	0.2233.001	01-42445	01-45961	0.0279.033	01-42423	01-45076			0.3454.001 = 12V 2xA 0.3454.002 = 24V 2xA 0.3454.003 = 12V 1xB 0.3454.004 = 24V 1xB
Obsolete, repl by 10-24577-98														
10-24071-99	F7B-5001	09-45592	09-1028B*	01-42679	01-46794-01	0.2233.001	01-42445	01-42441	0.0279.033	-	01-45076	0.3431.742	-	0.3454.001 = 12V 2xA 0.3454.002 = 24V 2xA 0.3454.003 = 12V 1xB 0.3454.004 = 24V 1xB
Obsolete, repl by 10-24577-99														
10-24072-1	F9B-9	09-45581	09-802B	01-45173	01-46794-09	09-0.2247.051	0.2173.459	01-45961	0.0138.134	01-42423	01-32253	0.3431.486	0.2233.002	-
Customer branded														
10-24073-1	F5B-8	09-45585	09-1027B-1*	01-42397	01-46794-05	0.2233.001	01-42401	01-42398	0.0279.300	-	01-45045	0.3431.742	-	-
Obsolete, repl by 10-24571-01														
10-24073-2	F5B-802	09-45585	09-1027B-1*	01-45014	0.0279.032	0.2233.001	01-42401	01-42398	0.0279.300	-	01-45045	0.3431.742	-	-
Obsolete, repl by 10-24571-03														
10-24073-3	F5B-89	09-45586	09-1027B-9	01-42397	01-46794-05	0.2233.001	01-42401	01-42398	0.0279.300	-	01-45045	0.3431.742	-	-
Obsolete, repl by 10-24571-02														
10-24073-4	F5B-892	09-45586	09-1027B-9	01-45014	0.0279.032	0.2233.001	01-42401	01-42398	0.0279.300	-	01-45045	0.3431.742	-	-
Obsolete														
10-24073-5	F5B-8007	09-45585	09-1027B-1*	01-42397	01-46794-05	0.2233.001	01-42401	01-42398	0.0279.300	-	01-45045	0.3431.742	-	-
Obsolete, repl by 10-24571-51														
10-24073-6	F5B-8027	09-45585	09-1027B-1*	01-45014	0.0279.032	0.2233.001	01-42401	01-42398	0.0279.300	-	01-45045	0.3431.742	-	-
Obsolete														
10-24073-7	F5B-8907	09-45586	09-1027B-9	01-42397	01-42401	01-46794-05	0.2233.001	01-42398	0.0279.300	-	01-45045	0.3431.742	-	-
Obsolete														
10-24073-8	F5B-8927	09-45586	09-1027B-9	01-45014	0.0279.032	0.2233.001	01-42401	01-42398	0.0279.300	-	01-45045	0.3431.742	-	-
Not in production														
Obsolete														
10-24073-9	F5B-8	09-45585	09-1027B-1*	01-42397	01-46794-05	0.2233.001	01-42401	01-42398	0.0279.300	-	01-45045	0.3431.742	-	-
Obsolete														
10-24073-10	F5B-8	09-45585	09-1027B-1*	01-42397	01-46794-05	0.2233.001	01-42401	01-42398	0.0279.300	-	01-46039	0.3431.742	-	-
Obsolete														

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

Part no.	Pump type	A Service kit	1 Impeller	2 Cam	3 Camscrew	4 Seal	5 Gasket	6 Endcover	7 Endcover screw	8 Wearplate	9 Shaft	10 Bearing	11 Bearing seal	Clutch or Motor
10-24073-11 Obsolete	F5B-802	09-45585	09-1027B-1*	01-45014	0.0279.032	0.2233.001	01-45933	01-42398	0.0279.300	-	01-45045	0.3431.742	-	-
10-24073-12 Obsolete	F5B-8	09-45585	09-1027B-1*	01-42397	01-46794-05	0.2233.252	01-42401	01-46624	0.0279.300	-	01-45045	0.3431.742	-	-
10-24073-51 Obsolete	F5B-8007	09-45585	09-1027B-1*	01-42397	01-46794-05	0.2233.001	01-42401	01-42398	0.0279.300	-	01-46417	0.3431.742	-	-
10-24074-1 Obsolete, repl by 10-24570-01	F4B-8	09-45587	09-810B-1*	01-42389	01-46794-04	0.2233.010	01-42391	01-42398	0.0279.300	-	01-45069	0.3431.748	-	-
10-24074-2 Obsolete, repl by 10-24570-02	F4B-89	09-45588	09-810B-9	01-42389	01-46794-04	0.2233.010	01-42391	01-42398	0.0279.300	-	01-45069	0.3431.748	-	-
10-24074-3 Obsolete	F4B-802	09-45587	09-810B-1*	01-45084	0.0279.501	0.2233.010	01-42391	01-42398	0.0279.300	-	01-45069	0.3431.748	-	-
10-24074-4 Obsolete	F4B-892	09-45588	09-810B-9	01-45084	0.0279.501	0.2233.010	01-42391	01-42398	0.0279.300	-	01-45069	0.3431.748	-	-
10-24074-5 Not in production Obsolete	F4B-803	09-45587	09-810B-1*	01-45288	01-46794-03	0.2233.010	01-42391	01-42398	0.0279.300	-	01-45069	0.3431.748	-	-
10-24074-6 Obsolete	F4B-893	09-45587	09-810B-9	01-45288	01-46794-03	0.2233.010	01-42391	01-42398	0.0279.300	-	01-45069	0.3431.748	-	-
10-24074-7 Obsolete, repl by 10-24570-07	F4B-8007	09-45587	09-810B-1*	01-42389	01-46794-04	0.2233.010	01-42391	01-42398	0.0279.300	-	01-45069	0.3431.748	-	-
10-24074-8 Obsolete	F4B-8907	09-45588	09-810B-9	01-42389	01-46794-04	0.2233.010	01-42391	01-42398	0.0279.300	-	01-45069	0.3431.748	-	-
10-24074-9 Obsolete	F4B-8027	09-45587	09-810B-1*	01-45084	0.0279.501	0.2233.010	01-42391	01-42398	0.0279.300	-	01-45069	0.3431.748	-	-
10-24074-10 Obsolete	F4B-8927	09-45588	09-810B-9	01-45084	0.0279.501	0.2233.010	01-42391	01-42398	0.0279.300	-	01-45069	0.3431.748	-	-
10-24074-11 Obsolete	F4B-8037	09-45587	09-810B-1*	01-45288	01-46794-03	0.2233.010	01-42391	01-42398	0.0279.300	-	01-45069	0.3431.748	-	-
10-24074-12 Obsolete	F4B-8937	09-45587	09-810B-9	01-45288	01-46794-03	0.2233.010	01-42391	01-42398	0.0279.300	-	01-45069	0.3431.748	-	-
10-24074-13 Obsolete	F4B-8	09-45587	09-810B-1*	01-42389	01-46794-04	0.2233.010	01-42391	01-46007	0.0279.300	-	01-45069	0.3431.748	-	-
10-24074-14 Obsolete	F4B-8	09-45587	09-810B-1*	01-42389	01-46794-04	0.2233.251	01-42391	01-46624	0.0279.300	-	01-45069	0.3431.748	-	-

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

		A	1	2	3	4	5	6	7	8	9	10	11	
Part no.	Pump type	Service kit	Impeller	Cam	Camscrew	Seal	Gasket	Endcover	Endcover screw	Wearplate	Shaft	Bearing	Bearing seal	Clutch or Motor
10-24074-71 Obsolete, repl by 10-24570-51	F4B-8007	09-45587	09-810B-1*	01-42389	01-46794-04	0.2233.010	01-42391	01-42398	0.0279.300	-	01-46416	0.3431.748	-	-
10-24076-1 Obsolete, repl. by 10-24228-1	F5B-9	-	09-1027B-1*	01-45329	0.0279.033	Obsolete	01-45315	01-45312-1	01-46794-12	-	Obsolete	0.3431.754	-	-
10-24085-1 Obsolete	F5B-9	09-45583	09-1027B-1*	01-42397	01-46794-05	09-0.2247.050	01-42401	01-42398	01-46794-04	01-42399	Obsolete	0.3431.778	0.2233.001	-
10-24086-1 Obsolete, repl. by 10-24184-1	F4B-9	09-45585	09-1027B-1*	01-42397	01-46794-05	0.2233.001	01-42401	01-42398	0.0279.500	01-42399	Obsolete	Obsolete	0.2233.001 ***	-
10-24090-1	F9B-900	09-45581	09-802B	01-43137	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.003	01-42423	01-32020	0.3431.486	0.2233.002	-
10-24090-2 Not in production	F9B-903	09-45581	09-802B	01-43135	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.003	01-42423	01-32020	0.3431.486	0.2233.002	-
10-24091-1 Obsolete	F8B-900	09-45579	09-819B	01-42680	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.003	01-42423	01-32020	0.3431.486	0.2233.002	-
10-24091-2 Obsolete	F8B-903	09-45579	09-819B	01-42425	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.003	01-42423	01-32020	0.3431.486	0.2233.002	-
10-24091-3 Obsolete	F8B-902	09-45579	09-819B	01-42755	01-46794-08	09-0.2247.051	01-42424	01-42422-1	0.0144.003	01-42423	01-32020	0.3431.486	0.2233.002	-
10-24095-1 Obsolete, repl. by 10-24074-1 + 10-24165-2	F4B/F4B-8	-	09-810B-1*	01-45288	01-46794-03	0.2233.010	01-42391	-	Obsolete	-	Obsolete	0.3431.748	-	-
10-24096-1 Obsolete	F8B-900	09-45579	09-819B	01-42680	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-32020	0.3431.746	0.2233.002	-
10-24096-2 Obsolete	F8B-903	09-45579	09-819B	01-42425	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-32020	0.3431.746	0.2233.002	-
10-24096-3 Obsolete	F8B-902	09-45579	09-819B	01-42755	01-46794-08	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-32020	0.3431.746	0.2233.002	-
10-24096-4	F8B-902	-	09-819B	01-42755	01-46794-08	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-32020	0.3431.746	0.2233.002	-
10-24097-1 Obsolete, repl. by 10-35098-2 + 10-24166-1	F4B/F4B-9	-	09-1026B-1*	01-42389	01-46794-04	0.2233.005 0.2233.200	01-42391	-	-	-	Obsolete	-	-	-
10-24097-2 Obsolete, repl. by 10-35098-2 + 10-24166-1	F4B/F4B-9	-	09-1026B-1*	01-42389	01-46794-04 09-1026B-1*	0.2233.005 0.2233.200	01-42391	-	-	-	Obsolete	-	-	-
10-24099-1 Obsolete, repl. by 10-24074-1	F4B-8001	09-45587	09-810B-1*	01-42389	01-46794-04	0.2233.010	01-42391	01-42398	0.0279.501	-	Obsolete	0.3431.748	-	-

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

Part no.	Pump type	A Service kit	1 Impeller	2 Cam	3 Camscrew	4 Seal	5 Gasket	6 Endcover	7 Endcover screw	8 Wearplate	9 Shaft	10 Bearing	11 Bearing seal	Clutch or Motor
10-24099-2 Obsolete, repl. by 10-24074-3	F4B-8021	09-45587	09-810B-1*	01-45084	0.0279.501	0.2233.010	01-42391	01-42398	0.0279.501	-	Obsolete	0.3431.748	-	-
10-24099-3 Obsolete, repl. by 10-24074-5	F4B-8031	09-45587	09-810B-1*	01-45288	01-46794-03	0.2233.010	01-42391	01-42398	0.0279.501	-	Obsolete	0.3431.748	-	-
10-24100-1	F5B-9	09-45585	09-1027B-1*	01-42397	01-46794-05	0.2233.001	01-42401	01-42398	0.0279.500	01-42399	01-45131	0.3431.204	0.2234.005	-
10-24103-1 Obsolete	F7B-9	09-45590	09-1028B*	01-42679	01-46794-01	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	Obsolete	0.3431.484	0.2233.350	-
10-24103-2 Obsolete	F7B-903	09-45590	09-1028B*	01-42442	01-46794-07	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	Obsolete	0.3431.484	0.2233.350	-
10-24112- Obsolete	F5B-5000	09-45583	09-1027B-1*	01-42397	01-46794-05	09-0.2247.050	01-42401	01-42398	01-46794-04	01-42399	01-35084	0.3431.778	0.2230.015	0.3454.001 = 12V 2xA 0.3454.002 = 24V 2xA 0.3454.003 = 12V 1xB 0.3454.004 = 24V 1xB
10-24113-1 Obsolete	F5B-8001	09-45585	09-1027B-1*	01-42397	01-46794-05	0.2233.001	01-42401	01-42398	0.0279.500	-	01-45045	0.3431.742	-	-
10-24114-1 Obsolete	F7B-8001	09-45592	09-1028B*	01-42679	01-46794-01	0.2233.001	01-42445	01-42441	0.0279.033	-	01-45045	0.3431.742	-	-
10-24116-98	F7B-5007	09-45590	09-1028B*	01-42679	01-46794-01	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-35084	0.3431.778	0.2230.015	
10-24116-99	F7B-5000	09-45590	09-1028B*	01-42679	01-46794-01	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-35084	0.3431.778	0.2230.015	0.3454.001 = 12V 2xA 0.3454.002 = 24V 2xA 0.3454.003 = 12V 1xB 0.3454.004 = 24V 1xB
10-24119-1	F5B-9001	09-45585	09-1027B-1*	01-42397	01-46794-05	0.2233.001	01-42401	01-42398	0.0279.501	01-42399	01-45187	0.3431.761	-	-
10-24119-2	F5B-9002	09-45585	09-1027B-1*	01-42397	01-46794-05	0.2233.001	01-42401	01-42398	0.0279.501	01-42399	01-45187	0.3431.761	-	-
10-24119-3 Obsolete	F5B-9022	09-45585	09-1027B-1*	01-45014	0.0279.032	0.2233.001	01-42401	01-42398	0.0279.501	01-42399	01-45187	0.3431.761	-	-
10-24119-4	F5B-9003	09-45585	09-1027B-1*	01-42397	01-46794-05	0.2233.001	01-42401	01-42398	0.0279.501	01-42399	01-45187	0.3431.761	-	-
10-24119-5	F5B-9004	09-45585	09-1027B-1*	01-42397	01-46794-05	0.2233.001	01-42401	01-42398	0.0279.501	01-42399	01-45187	0.3431.761	-	-

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

		A	1	2	3	4	5	6	7	8	9	10	11	
Part no.	Pump type	Service kit	Impeller	Cam	Camscrew	Seal	Gasket	Endcover	Endcover screw	Wearplate	Shaft	Bearing	Bearing seal	Clutch or Motor
10-24119-6	F5B-9005	09-45585	09-1027B-1*	01-42397	01-46794-05	0.2233.001	01-42401	01-42398	0.0279.501	01-42399	01-45187	0.3431.761	-	-
10-24119-7	F5B-9006	09-45585	09-1027B-1*	01-42397	01-46794-05	0.2233.001	01-42401	01-42398	0.0279.501	01-42399	01-45187	0.3431.761	-	-
10-24119-8 Obsolete	F5B-9007	09-45585	09-1027B-1*	01-42397	01-46794-05	0.2233.001	01-42401	01-42398	0.0279.501	01-42399	01-45187	0.3431.761	-	-
10-24123-1/-2 Obsolete, repl. by 10-24182-1/-2	F3B-12V	09-45595	09-1052S-9*	Obsolete	0.0279.500	0.2233.007	01-43142	01-43141	0.0279.501	-	-	-	-	Obsolete
10-24124-1 Obsolete, repl. by 10-35098-2 + 10-24166-1	F4B/F4B-9	09-45891	09-1026B-1*	01-42389	01-46794-04	0.2233.005 0.2233.010	01-42391	01-42398	0.0279.501	-	Obsolete	Obsolete	-	-
10-24124-2 Obsolete, repl. by 10-35098-2 + 10-24166-1	F4B/F4B-9	09-45891	09-1026B-1*	01-42389	01-46794-04	0.2233.005 0.2233.010	01-42391	01-42398	0.0279.501	-	Obsolete	Obsolete	-	-
10-24124-3 Obsolete, repl. by 10-35098-2 + 10-24166-1	F4B/F4B-9	09-45891	09-1026B-1*	01-42389	01-46794-04	0.2233.005 0.2233.010	01-45401	01-42398	0.0279.501	-	Obsolete	Obsolete	-	-
10-24124-4 Obsolete, repl. by 10-35098-2 + 10-24166-1	F4B/F4B-9	09-45891	09-1026B-1*	01-42389	01-46794-04	0.2233.005 0.2233.010	01-45401	01-42398	0.0279.501	-	Obsolete	Obsolete	-	-
10-24124-5 Obsolete, repl. by 10-35098-2 + 10-24166-1	F4B/F4B-9	09-45891	09-1026B-1*	01-42389	01-46794-04	0.2233.005 0.2233.010	01-42391	01-42398	0.0279.501	-	Obsolete	Obsolete	-	-
10-24124-6 Obsolete, repl. by 10-35098-2 + 10-24166-1	F4B/F4B-9	09-45891	09-1026B-1*	01-42389	01-46794-04	0.2233.005 0.2233.010	01-42391	01-42398	0.0279.501	-	Obsolete	Obsolete	-	-
10-24126-1 Obsolete	F7B-903	09-45592	09-1028B*	01-42442	01-46794-07	0.2233.001	01-42445	01-42441	0.0279.033	-	01-45044	0.3431.483	0.2233.001 ***	-
10-24126-2 Obsolete	F7B-9	09-45592	09-1028B*	01-42679	01-46794-01	0.2233.001	01-42445	01-42441	0.0279.033	-	01-45044	0.3431.742	0.2233.001 ***	-
10-24126-3 Obsolete	F7B-903	09-45592	09-1028B*	01-42442	01-46794-07	0.2233.001	01-42445	01-42441	0.0279.033	-	01-46469	0.3431.742	-	-
10-24127-1	F7B-9	09-45592	09-1028B*	01-42679	01-46794-01	0.2233.001	01-42445	01-42441	0.0279.033	-	01-45248	0.3431.483	0.2233.001 ***	-
10-24127-2 Not in production	F7B-903	09-45592	09-1028B*	01-42442	01-46794-07	0.2233.001	01-42445	01-42441	0.0279.033	-	01-45248	0.3431.483	0.2233.001 ***	-
10-24127-3 Not in production	F7B-902	09-45592	09-1028B*	01-42584	01-46794-06	0.2233.001	01-42445	01-42441	0.0279.033	-	01-45248	0.3431.483	0.2233.001 ***	-
10-24130-2 Customer branded	F8B-905	-	09-1029B	01-45317	01-46794-02	0.2233.250	01-45354	01-42422-1	0.0138.134	01-42423	01-45316	0.3431.780		-
10-24130-3	F8B-905	09-45705	09-819B	01-45317	01-46794-02	0.2233.250	01-45354	01-42422-1	0.0138.134	01-42423	01-45316	0.3431.780	-	-

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

Part no.	Pump type	A Service kit	1 Impeller	2 Cam	3 Camscrew	4 Seal	5 Gasket	6 Endcover	7 Endcover screw	8 Wearplate	9 Shaft	10 Bearing	11 Bearing seal	Clutch or Motor
10-24131-1	F5B-902	09-45585	09-1027B-1*	01-45014	0.0279.032	0.2233.001	01-42401	01-42398	0.0279.500	01-42399	01-45320	0.3431.483	0.2233.001 ***	-
10-24131-2	F5B-905	09-45585	09-1027B-1*	01-45199	0.0279.032	0.2233.001	01-42401	01-42398	0.0279.500	01-42399	01-45320	0.3431.483	0.2233.001 ***	-
10-24131-3 Not in production	F5B-902	09-45585	09-1027B-1*	01-45014	0.0279.032	0.2233.001	01-42401	01-42398	0.0279.500	01-42399	01-45320	0.3431.483	0.2233.001 ***	-
10-24131-4 Customer branded	F5B-905	09-45585	09-1027B-1*	01-45199	0.0279.032	0.2233.001	01-42401	01-42398	0.0279.500	01-42399	01-45320	0.3431.483	0.2233.001 ***	-
10-24135-1/-2 Obsolete, repl. by 10-24240-1/-2	T50-12V	-	Obsolete	-	-	Obsolete	-	Obsolete	-	-	-	-	-	Obsolete
10-24139-1	F7B-9	09-45590	09-1028B*	01-42679	01-46794-01	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-45324	0.3431.484	0.2233.350	-
10-24139-2	F7B-903	09-45590	09-1028B*	01-42442	01-46794-07	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-45324	0.3431.484	0.2233.350	-
10-24139-3	F7B-9	09-45590	09-1028B*	01-42679	01-46794-01	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-45324	0.3431.484	0.2233.350	-
10-24139-4	F7B-903	09-45590	09-1028B*	01-42442	01-46794-07	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-45324	0.3431.484	0.2233.350	-
10-24139-5	F7B-9	09-45590	09-1028B*	01-42679	01-46794-01	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-45324	0.3431.484	0.2233.350	-
10-24139-7	F7B-9	09-45590	09-1028B*	01-42679	01-46794-01	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-45324	0.3431.484	0.2233.350	-
10-24140-1	F5B-9	09-45583	09-1027B-1*	01-42397	01-46794-05	09-0.2247.050	01-42401	01-42398	01-46794-04	01-42399	01-45324	0.3431.484	0.2233.350	-
10-24140-2 Not in production	F5B-902	09-45583	09-1027B-1*	01-45014	0.0279.032	09-0.2247.050	01-42401	01-42398	01-46794-04	01-42399	01-45324	0.3431.484	0.2233.350	-
10-24140-3	F5B-9	09-45583	09-1027B-1*	01-42397	01-46794-05	09-0.2247.050	01-42401	01-42398	01-46794-04	01-42399	01-45324	0.3431.484	0.2233.350	-
10-24140-4 Not in production	F5B-902	09-45583	09-1027B-1*	01-45014	0.0279.032	09-0.2247.050	01-42401	01-42398	01-46794-04	01-42399	01-45324	0.3431.484	0.2233.350	-
10-24140-5	F5B-9	09-45583	09-1027B-1*	01-42397	01-46794-05	09-0.2247.050	01-42401	01-42398	01-46794-04	01-42399	01-45324	0.3431.484	0.2233.350	-
10-24143-1	F35B-902	09-45900	09-808B-1*	01-42415	01-46794-10	0.2233.200	01-43240	01-45359	0.0141.500	01-45087	01-45360	01-45110	-	-
10-24143-2	F35B-902	09-45900	09-808B-1*	01-42415	01-46794-10	0.2233.200	01-45400	01-45359	0.0141.500	01-45087	01-45360	01-45110	-	-
10-24143-3	F35B-9	09-45900	09-808B-1*	01-42910	01-46794-03	0.2233.200	01-43240	01-45359	0.0141.500	01-45087	01-45360	01-45110	-	-
10-24143-4 Not in production	F35B-9	09-45900	09-808B * 09-808B-1*	01-42910	01-46794-03	0.2233.200	01-45400	01-45359	0.0141.500	01-45087	01-45360	01-45110	-	-
10-24143-5	F35B-9	09-45900	09-808B-1*	01-42910	01-46794-03	0.2233.200	01-43240	01-45359	0.0141.500	01-45087	01-45360	01-45110	-	-

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

		A	1	2	3	4	5	6	7	8	9	10	11	
Part no.	Pump type	Service kit	Impeller	Cam	Camscrew	Seal	Gasket	Endcover	Endcover screw	Wearplate	Shaft	Bearing	Bearing seal	Clutch or Motor
10-24144-1	F4B-9	09-45587	09-810B-1*	01-42389	01-46794-04	0.2233.010	01-42391	01-42388-2	0.0141.500	-	01-45313	01-45207-3	-	-
10-24144-2	F4B-9	09-45587	09-810B-1*	01-42389	01-46794-04	0.2233.010	01-45401	01-42388-2	0.0141.500	-	01-45313	01-45207-3	-	-
10-24159-1 Obsolete	F9B-9	09-45920	09-814B	01-45173	01-46794-09	09-0.2247.008	01-42424	01-42422-1	0.0138.134	01-42423	01-35140	0.3431.684	0.2234.006	-
10-24159-2 Obsolete	F9B-905	09-45920	09-814B	01-45172	01-46794-09	09-0.2247.008	01-42424	01-42422-1	0.0138.134	01-42423	01-35140	0.3431.684	0.2234.006	-
10-24160-1 Customer branded	F8B-5	-	09-1029B	01-42680	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35138	0.3431.780	0.2230.319	-
10-24160-2 Customer branded	F8B-5	-	09-1029B	01-42680	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35138	0.3431.780	0.2230.319	-
10-24161-1 Customer branded	F9B-5	-	09-814B	01-43137	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.200	01-42423	01-35138	0.3431.780	0.2230.319	
10-24164-1 Obsolete	F4B-8	09-45587	09-810B-1*	01-42389	01-46794-04	0.2233.010	01-42391	01-42388-2	0.0141.500	-	01-45313	01-45207-3	-	-
10-24164-2 Obsolete	F4B-8	09-45587	09-810B-1*	01-42389	01-46794-04	0.2233.010	01-45401	01-42388-2	0.0141.500	-	01-45313	01-45207-3	-	-
10-24165-1 Obsolete	F4B-9	-	09-810B-1*	01-42389	01-46794-04	-	01-42391	01-42388-2	0.0141.500	-	01-45313	01-45207-3	-	-
10-24165-2	F4B-903	-	09-810B-1*	01-45288	01-46794-03	-	01-42391	01-42388-2	0.0141.500	-	01-45313	01-45207-3	-	-
10-24166-1	F4B-9	-	09-810B-1*	01-42389	01-46794-04	-	01-42391	01-42388-2	0.0141.500	-	01-45313	01-45207-3	-	-
10-24166-2	F4B-903	-	09-810B-1*	01-45288	01-46794-03	-	01-42391	01-42388-2	0.0141.500	-	01-45313	01-45207-3	-	-
10-24167-1 Obsolete, repl. By 10-35098-2 + 10-24166-1	F4B/F4B-9	-	09-1026B-1*	01-42389	01-46794-04	0.2233.005	01-42391	01-42398	0.0279.501	-	Obsolete	Obsolete	-	-
10-24167-2 Obsolete, repl. By 10-35098-2 + 10-24166-1	F4B/F4B-9	-	09-1026B-1*	01-42389	01-46794-04	0.2233.005	01-42391	01-42398	0.0279.501	-	Obsolete	Obsolete	-	-
10-24174-1 Obsolete, repl. by 10-24225-1	F5B-9	Obsolete	09-1027B-1*	01-45329	0.0279.033	Obsolete	01-45315	01-45312-1	0.0141.502	-	Obsolete	0.3431.754	-	-
10-24178-1 Customer branded	F35B-902	09-45589	09-808B-1*	01-42415	01-46794-10	0.2233.010	01-43240	01-43239	0.0279.501	01-45087	01-45543	0.3431.441	0.2233.010 ***	-
10-24178-2 Obsolete, repl. by 10-24707-01	F35B-902	09-45589	09-808B-1*	01-42415	01-46794-10	0.2233.010	01-43240	01-43239	0.0279.501	01-45087	01-45543	0.3431.441	0.2233.010 ***	-

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

Part no.	Pump type	A Service kit	1 Impeller	2 Cam	3 Camscrew	4 Seal	5 Gasket	6 Endcover	7 Endcover screw	8 Wearplate	9 Shaft	10 Bearing	11 Bearing seal	Clutch or Motor
10-24178-3 Customer branded	F35B-9	09-45589	09-808B-1*	01-42910	01-46794-03	0.2233.010	01-43240	01-43239	0.0279.501	01-45087	01-45543	0.3431.441	0.2233.010 ***	-
10-24179-1	F7B-9	09-45592	09-1028B*	01-42679	01-46794-01	0.2233.001	01-42445	01-42441	0.0141.502	-	01-45573	0.3431.483	0.2233.001 ***	-
10-24179-2	F7B-903	09-45592	09-1028B*	01-42442	01-46794-07	0.2233.001	01-42445	01-42441	0.0141.502	-	01-45573	0.3431.483	0.2233.001 ***	-
10-24180-1	F2P10-19 12V	09-45594	09-1077B-9*	-	-	0.2233.402	0.2172.506	21-4945	0.0140.001	21-4944**** 21-4946*****	-	-	-	01-35285-01
10-24180-2	F2P10-19 24V	09-45594	09-1077B-9*	-	-	0.2233.402	0.2172.506	21-4945	0.0140.001	21-4944**** 21-4946*****	-	-	-	01-35285-02
10-24180-3	F2P10-19 12V USA	09-45594	09-1077B-9*	-	-	0.2233.402	0.2172.506	21-4945	0.0140.001	21-4944**** 21-4946*****	-	-	-	01-35285-01
10-24180-4	F2P10-19 24V USA	09-45594	09-1077B-9*	-	-	0.2233.402	0.2172.506	21-4945	0.0140.001	21-4944**** 21-4946*****	-	-	-	01-35285-02
10-24181-1	F8B-9	09-45705	09-819B	01-42680	01-46794-02	0.2233.250	01-45354	01-42422-1	0.0138.134	01-42423	01-45547	0.3431.780	-	-
10-24181-2 Not in production	F8B-903	09-45705	09-819B	01-42425	01-46794-02	0.2233.250	01-45354	01-42422-1	0.0138.134	01-42423	01-45547	0.3431.780	-	-
10-24181-3 Not in production	F8B-9	-	09-819B	01-42680	01-46794-02	0.2234.337	01-45354	01-42422-1	0.0138.134	01-42423	01-45547	0.3431.780	-	-
10-24181-4 Not in production	F8B-903	-	09-819B	01-42425	01-46794-02	0.2234.337	01-45354	01-42422-1	0.0138.134	01-42423	01-45547	0.3431.780	-	-
10-24182-1 Obsolete, repl. by 10-24516-01	F3B-19 12V	09-45595	09-1052S-9*	01-45548	0.0279.500	0.2233.007	01-43142	01-43141	0.0279.501	-	-	-	-	01-35285-01
10-24182-2 Obsolete, repl. by 10-24516-02	F3B-19 24V	09-45595	09-1052S-9*	01-45548	0.0279.500	0.2233.007	01-43142	01-43141	0.0279.501	-	-	-	-	01-35285-02
10-24182-3 Obsolete, repl. by 10-24516-03	F3B-1907 12V	09-45595	09-1052S-9*	01-45548	0.0279.500	0.2233.007	01-43142	01-43141	0.0279.501	-	-	-	-	01-35285-01
10-24182-4 Obsolete, repl. by 10-24516-04	F3B-1907 24V	09-45595	09-1052S-9*	01-45548	0.0279.500	0.2233.007	01-43142	01-43141	0.0279.501	-	-	-	-	01-35285-02
10-24182-7 Obsolete, repl. by 10-24516-05	F3B-19 12V	09-45595	09-1052S-9*	01-45548	0.0279.500	0.2233.007	01-43142	01-46008	0.0279.501	-	-	-	-	01-35285-01
10-24182-8 Obsolete, repl. by 10-24516-06	F3B-19 24V	09-45595	09-1052S-9*	01-45548	0.0279.500	0.2233.007	01-43142	01-46008	0.0279.501	-	-	-	-	01-35285-02

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

		A	1	2	3	4	5	6	7	8	9	10	11	
Part no.	Pump type	Service kit	Impeller	Cam	Camscrew	Seal	Gasket	Endcover	Endcover screw	Wearplate	Shaft	Bearing	Bearing seal	Clutch or Motor
10-24183-1	F7B-9000	09-45592	09-1028B*	01-42679	01-46794-01	09-0.2247.003	01-42445	01-42441	0.0279.033	01-42443	01-45555	0.3431.203	0.2233.004/ 0.2233.011	-
10-24184-1	F5B-9	09-45585	09-1027B-1*	01-42397	01-46794-05	0.2233.001	01-42401	01-42398	0.0279.500	01-42399	01-45553	0.3431.761	-	-
10-24188-1	F5B-19 12V	09-45584	09-1027B-9	01-42397	01-46794-05	09-0.2247.050	01-42401	01-43252	01-46794-04	01-42399	-	-	-	01-24391-1
10-24188-2	F5B-19 24V	09-45584	09-1027B-9	01-42397	01-46794-05	09-0.2247.050	01-42401	01-43252	01-46794-04	01-42399	-	-	-	01-24391-2
10-24188-4	F5B-1907 12V	09-45584	09-1027B-9	01-42397	01-46794-05	09-0.2247.050	01-42401	01-46007	01-46794-04	01-42399	-	-	-	01-24391-1
10-24188-5	F5B-1907 24V	09-45584	09-1027B-9	01-42397	01-46794-05	09-0.2247.050	01-42401	01-46007	01-46794-04	01-42399	-	-	-	01-24391-2
10-24188-7 Not in production	F5B-19 12V	09-45584	09-1027B-9	01-42397	01-46794-05	09-0.2247.050	01-42401	01-46007	01-46794-04	01-42399	-	-	-	01-24391-1
10-24188-8 Not in production	F5B-19 24V	09-45584	09-1027B-9	01-42397	01-46794-05	09-0.2247.050	01-42401	01-46007	01-46794-04	01-42399	-	-	-	01-24391-2
10-24188-10 Not in production	F5B-19 24V	09-45584	09-1027B-9	01-42397	01-46794-05	09-0.2247.050	01-46395	01-46007	01-46794-04	01-42399	-	-	-	01-24391-5
10-24205-1	F4B-85	-	09-810B-5	01-42389	01-46794-04	0.2233.010	01-42391	01-42398	0.0279.501	-	01-45069	0.3431.748	-	-
10-24209-1	F7B-3000	09-45590	09-1028B*	01-42679	01-46794-01	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-35177	0.3431.778	0.2234.004/ 0.2230.015	-
10-24209-2	F7B-3900	09-45591	09-1028B-9	01-42679	01-46794-01	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-35177	0.3431.778	0.2234.004/ 0.2230.015	-
10-24209-3 Not in production	F7B-3030	09-45590	09-1028B*	01-42442	01-46794-07	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-35177	0.3431.778	0.2234.004/ 0.2230.015	-
10-24209-4 Not in production	F7B-3930	09-45591	09-1028B-9	01-42442	01-46794-07	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-35177	0.3431.778	0.2234.004/ 0.2230.015	-
10-24209-5 Not in production	F7B-3020	09-45590	09-1028B*	01-42584	01-46794-06	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-35177	0.3431.778	0.2234.004/ 0.2230.015	-
10-24209-6 Not in production	F7B-3920	09-45590	09-1028B-9	01-42584	01-46794-06	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-35177	0.3431.778	0.2234.004/ 0.2230.015	-
10-24209-7	F7B-30007	09-45590	09-1028B * 09-1028B*	01-42679	01-46794-01	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-35177	0.3431.778	0.2234.004/ 0.2230.015	-
10-24209-8 Not in production	F7B-39007	09-45590	09-1028B-9	01-42679	01-46794-01	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-35177	0.3431.778	0.2234.004/ 0.2230.015	-
10-24209-9 Not in production	F7B-30307	09-45590	09-1028B*	01-42442	01-46794-07	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-35177	0.3431.778	0.2234.004/ 0.2230.015	-

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

Part no.	Pump type	A Service kit	1 Impeller	2 Cam	3 Camscrew	4 Seal	5 Gasket	6 Endcover	7 Endcover screw	8 Wearplate	9 Shaft	10 Bearing	11 Bearing seal	Clutch or Motor
10-24209-10 Not in production	F7B-39307	09-45591	09-1028B-9	01-42442	01-46794-07	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-35177	0.3431.778	0.2234.004/ 0.2230.015	-
10-24209-11 Not in production	F7B-30207	09-45590	09-1028B*	01-42584	01-46794-06	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-35177	0.3431.778	0.2234.004/ 0.2230.015	-
10-24209-12 Not in production	F7B-39207	09-45590	09-1028B-9	01-42584	01-46794-06	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-35177	0.3431.778	0.2234.004/ 0.2230.015	-
10-24210-1	F5B-3000	09-45583	09-1027B-1*	01-42397	01-46794-05	09-0.2247.050	01-42401	01-42398	01-46794-04	01-42399	01-35177	0.3431.778	0.2234.004/ 0.2230.015	-
10-24210-2 Not in production	F5B-3900	09-45584	09-1027B-9	01-42397	01-46794-05	09-0.2247.050	01-42401	01-42398	01-46794-04	01-42399	01-35177	0.3431.778	0.2234.004/ 0.2230.015	-
10-24210-3 Not in production	F5B-3020	09-45583	09-1027B-1*	01-45014	0.0279.032	09-0.2247.050	01-42401	01-42398	01-46794-04	01-42399	01-35177	0.3431.778	0.2234.004/ 0.2230.015	-
10-24210-4 Not in production	F5B-3920	09-45584	09-1027B-9	01-45014	0.0279.032	09-0.2247.050	01-42401	01-42398	01-46794-04	01-42399	01-35177	0.3431.778	0.2234.004/ 0.2230.015	-
10-24210-5	F5B-30007	09-45583	09-1027B-1*	01-42397	01-46794-05	09-0.2247.050	01-42401	01-42398	01-46794-04	01-42399	01-35177	0.3431.778	0.2234.004/ 0.2230.015	-
10-24210-6 Not in production	F5B-39007	09-45584	09-1027B-9	01-42397	01-46794-05	09-0.2247.050	01-42401	01-42398	01-46794-04	01-42399	01-35177	0.3431.778	0.2234.004/ 0.2230.015	-
10-24210-7 Not in production	F5B-30207	09-45583	09-1027B-1*	01-45014	0.0279.032	09-0.2247.050	01-42401	01-42398	01-46794-04	01-42399	01-35177	0.3431.778	0.2234.004/ 0.2230.015	-
10-24210-8 Not in production	F5B-39207	09-45584	09-1027B-9	01-45014	0.0279.032	09-0.2247.050	01-42401	01-42398	01-46794-04	01-42399	01-35177	0.3431.778	0.2234.004/ 0.2230.015	-
10-24214-1	F4B-9	09-45872	09-810B-1*	01-45660	0.0279.501	0.2233.251	01-45284	01-45282	0.0279.501	-	01-45658	0.3431.748	-	-
10-24214-2 Not in production	F4B-903	09-45872	09-810B-1*	Obsolete	0.0279.501	0.2233.251	01-45284	01-45282	0.0279.501	-	01-45658	0.3431.748	-	-
10-24214-3 Not in production	F4B-902	09-45872	09-810B-1*	01-45084	0.0279.501	0.2233.251	01-45284	01-45282	0.0279.501	-	01-45658	0.3431.748	-	-
10-24214-4	F4B-9	09-45872	09-810B-1*	01-45660	0.0279.501	0.2233.251	01-45284	01-45282	0.0279.501	-	01-45658	0.3431.748	-	-
10-24214-5 Not in production	F4B-903	09-45872	09-810B-1*	Obsolete	0.0279.501	0.2233.251	01-45284	01-45282	0.0279.501	-	01-45658	0.3431.748	-	-
10-24214-6 Not in production	F4B-902	09-45872	09-810B-1*	01-45084	0.0279.501	0.2233.251	01-45284	01-45282	0.0279.501	-	01-45658	0.3431.748	-	-

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

		A	1	2	3	4	5	6	7	8	9	10	11	
Part no.	Pump type	Service kit	Impeller	Cam	Camscrew	Seal	Gasket	Endcover	Endcover screw	Wearplate	Shaft	Bearing	Bearing seal	Clutch or Motor
10-24215-1 Obsolete	F5B-9	09-45585	09-1027B-1*	01-42397	01-46794-05	0.2233.001	01-42401	01-42398	0.0279.500	01-42399	Obsolete	0.3431.761	-	-
10-24218-1	F7B-903	09-45592	09-1028B*	01-42442	01-46794-07	0.2233.001	01-42445	01-42441	0.0279.033	-	01-45044	0.3431.483	0.2233.001 ***	-
10-24225-1	F5B-9	09-45808	09-1027B-1*	01-45329	0.0279.033	0.2233.252	01-45315	01-45312-1	0.0141.502	-	01-45681	0.3431.742	-	-
10-24225-2	F5B-902	09-45808	09-1027B-1*	01-45656	0.0279.032	0.2233.252	01-45315	01-45312-1	0.0141.502	-	01-45681	0.3431.742	-	-
10-24225-3 Customer branded	F5B-9	09-45808	09-1027B-1*	01-45329	0.0279.033	0.2233.252	01-45315	01-45312-1	0.0141.502	-	01-45681	0.3431.742	-	
10-24226-1	F5B-85	-	09-1027B-5	01-42397	01-46794-05	0.2233.001	01-42401	01-42398	0.0279.500	-	01-45045	0.3431.742	-	-
10-24228-1	F5B-9	09-45808	09-1027B-1*	01-45329	0.0279.033	0.2233.001	01-45315	01-45312-1	0.0141.502	-	01-45681	0.3431.742	-	-
10-24228-2 Not in production	F5B-902	09-45808	09-1027B-1*	01-45656	0.0279.032	0.2233.001	01-45315	01-45312-1	0.0141.502	-	01-45681	0.3431.742	-	-
10-24228-3 Not in production	F5B-9	09-45808	09-1027B-1*	01-45329	0.0279.033	0.2233.001	01-45315	01-45312-1	0.0141.502	-	01-45681	0.3431.742	-	-
10-24228-4 Not in production	F5B-902	09-45808	09-1027B-1*	01-45656	0.0279.032	0.2233.001	01-45315	01-45312-1	0.0141.502	-	01-45681	0.3431.742	-	-
10-24228-5 Not in production	F5B-9	09-45808	09-1027B-1*	01-45329	0.0279.033	0.2233.001	01-45315	01-45312-1	0.0141.502	-	01-45681	0.3431.742	-	-
10-24228-6 Not in production	F5B-9	09-45808	09-1027B-1*	01-45329	0.0279.033	0.2233.252	01-45315	01-45312-1	0.0141.502	-	01-45681	0.3431.742	-	-
10-24230-1 Not in production	F5B-9	09-45808	09-1027B-1*	01-45329	0.0279.033	0.2233.252	01-45315	01-45312-1	0.0141.502	-	01-45681	0.3431.742	-	-
10-24230-2	F5B-902	09-45808	09-1027B-1*	01-45656	0.0279.032	0.2233.252	01-45315	01-45312-1	0.0141.502	-	01-45681	0.3431.742	-	-
10-24230-3	F5B-9	09-45808	09-1027B-1*	01-45329	0.0279.033	0.2233.252	01-45315	01-45312-1	0.0141.502	-	01-45681	0.3431.742	-	-
10-24230-4 Not in production	F5B-902	09-45808	09-1027B-1*	01-45656	0.0279.032	0.2233.252	01-45315	01-45312-1	0.0141.502	-	01-45681	0.3431.742	-	-
10-24230-5	F5B-9	-	09-1027B-1*	01-45329	0.0279.033	0.2233.001	01-45315	01-45312-1	0.0141.502	-	01-45681	0.3431.742	-	
10-24232-1	F6B-9	09-45825	09-812B-1**	01-45670	0.0279.033	0.2233.001	01-45315	01-45312-1	0.0141.502	-	01-45681	0.3431.742	-	-
10-24232-2 Not in production	F6B-902	09-45825	09-812B-1**	Obsolete	0.0279.032	0.2233.001	01-45315	01-45312-1	0.0141.502	-	01-45681	0.3431.742	-	-
10-24232-3 Not in production	F6B-9	09-45825	09-812B-1** 09-812B-1* *	01-45670	0.0279.033	0.2233.001	01-45315	01-45312-1	0.0141.502	-	01-45681	0.3431.742	-	-

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

Part no.	Pump type	A Service kit	1 Impeller	2 Cam	3 Camscrew	4 Seal	5 Gasket	6 Endcover	7 Endcover screw	8 Wearplate	9 Shaft	10 Bearing	11 Bearing seal	Clutch or Motor
10-24232-4 Not in production	F6B-902	09-45825	09-812B-1**	01-45687	0.0279.032	0.2233.001	01-45315	01-45312-1	0.0141.502	-	01-45681	0.3431.742	-	-
10-24232-5 Customer branded	F6B-9	09-45825	09-812B-1**	01-45670	0.0279.033	0.2233.001	01-45315	01-45312-1	0.0141.502	-	01-45681	0.3431.742	-	-
10-24232-6 Customer branded	F6B-9	09-45825	09-812B-1**	01-45670	0.0279.033	0.2233.252	01-45315	01-45312-1	0.0141.502	-	01-45681	0.3431.742	-	-
10-24232-7 Customer branded	F6B-9	09-45825	09-812B-1*-1*	01-45670	0.0279.033	0.2233.001	01-45315	01-45312-1	0.0141.502	-	01-45681	0.3431.742	-	-
10-24232-8B Customer branded	F6B-9	09-45825	09-812B-1*-1*	01-45670	0.0279.033	0.2233.001	01-45315	01-45312-1	0.0141.502	-	01-45681	0.3431.742	-	
10-24234-1 Obsolete	F6B-9	09-45825	09-812B-1**	01-45670	0.0279.033	0.2233.252	01-45315	01-45312-1	0.0141.502	-	01-45681	0.3431.742	-	-
10-24234-2 Obsolete	F6B-902	09-45825	09-812B-1**	Obsolete	0.0279.032	0.2233.252	01-45315	01-45312-1	0.0141.502	-	01-45681	0.3431.742	-	-
10-24235-1 Not in production	F7B-9	09-45590	09-1028B*	01-42679	01-46794-01	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	Obsolete	0.3431.486	0.2233.002	-
10-24235-2 Not in production	F7B-903	09-45590	09-1028B*	01-42442	01-46794-07	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	Obsolete	0.3431.486	0.2233.002	-
10-24235-3	F7B-9	09-45590	09-1028B*	01-42679	01-46794-01	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-35202	0.3431.486	0.2233.002	-
10-24236-1/-2 Obsolete, repl. by 10-24453-04/-05	TA3P10-19 12V	-	09-1052S-9*	-	-	0.2233.007	37-3206217	01-35189	Obsolete	37-3206221	-	-	-	Obsolete
10-24239-1 Customer branded	F9B-9	09-45581	09-802B	01-43137	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.003	01-42423	01-35212	0.3431.701	0.2233.016	-
10-24239-2	F9B-9	09-45581	09-802B	01-43137	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.003	01-42423	01-35212	0.3431.701	0.2233.016	-
10-24240-1/-2 Obsolete	T50AL-1 12/24V	-	Obsolete	-	-	09-0.2247.010	0.2173.459	Obsolete	Obsolete	-	-	-	-	Obsolete
10-24244-1 Obsolete	F7B-9	09-45592	09-1028B*	01-42679	01-46794-01	0.2233.001	01-42445	01-42441	0.0279.033	-	01-45753	0.3431.483	0.2233.001 ***	-
10-24244-2 Obsolete	F7B-903	09-45592	09-1028B*	01-42442	01-46794-07	0.2233.001	01-42445	01-42441	0.0279.033	-	01-45753	0.3431.483	0.2233.001 ***	-
10-24253-1	F7B-902	09-45590	09-1028B*	01-42584	01-46794-06	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-35220	0.3431.523	0.2233.017	-
10-24253-2	F7B-9	09-45590	09-1028B*	01-42679	01-46794-01	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-35220	0.3431.523	0.2233.017	-
10-24253-3	F7B-9	09-45590	09-1028B*	01-42679	01-46794-14	09-0.2247.050	01-42445	01-46431	01-46794-13	01-42443	01-35220	0.3431.523	0.2233.017	-

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

		A	1	2	3	4	5	6	7	8	9	10	11	
Part no.	Pump type	Service kit	Impeller	Cam	Camscrew	Seal	Gasket	Endcover	Endcover screw	Wearplate	Shaft	Bearing	Bearing seal	Clutch or Motor
10-24268-1 Not in production	F5B-9	09-45585	09-1027B-1*	01-42397	01-46794-05	0.2233.001	01-42401	01-42398	0.0279.501	01-42399	01-45821	0.3431.483	0.2233.001 ***	-
10-24268-2 Customer branded	F5B-902	09-45585	09-1027B-1*	01-45014	0.0279.032	0.2233.001	01-42401	01-42398	0.0279.501	01-42399	01-45821	0.3431.483	0.2233.001 ***	-
10-24268-3 Customer branded	F5B-902	09-45585	09-1027B-1*	01-45014	0.0279.032	0.2233.001	01-45933	01-42398	0.0279.501	01-42399	01-45821	0.3431.483	0.2233.001 ***	-
10-24268-4	F5B-9	09-45585	09-1027B-1*	01-42397	01-46794-05	0.2233.001	01-42401	01-42398	0.0279.501	01-42399	01-45821	0.3431.483	0.2233.001 ***	-
10-24268-5 Not in production	F5B-902	09-45585	09-1027B-1*	01-45014	0.0279.032	0.2233.001	01-42401	01-42398	0.0279.501	01-42399	01-45821	0.3431.483	0.2233.001 ***	-
10-24277-1 Customer branded	F7B-9	09-45592	09-1028B*	01-42679	01-46794-07	0.2233.001	01-42445	01-42441	0.0141.502	-	01-45844	0.3431.483	0.2233.001 ***	-
10-24277-2 Customer branded	F7B-902	09-45592	09-1028B*	01-42584	01-46794-06	0.2233.001	01-42445	01-42441	0.0141.502	-	01-45844	0.3431.483	0.2233.001 ***	-
10-24277-3	F7B-9	09-45592	09-1028B*	01-42679	01-46794-07	0.2233.001	01-42445	01-42441	0.0141.502	-	01-45844	0.3431.483	0.2233.001 ***	-
10-24277-4 Not in production	F7B-902	09-45592	09-1028B*	01-42584	01-46794-06	0.2233.001	01-42445	01-42441	0.0141.502	-	01-45844	0.3431.483	0.2233.001 ***	-
10-24277-5 Customer branded	F7B-9	09-45592	09-1028B*	01-42679	01-46794-07	0.2233.001	01-46397	01-42441	0.0141.502	-	01-45844	0.3431.483	0.2233.001 ***	-
10-24280-1 Obsolete	F7B-903	09-45592	09-1028B*	01-42442	01-46794-07	0.2233.001	01-42445	01-42441	0.0279.033	-	Obsolete	0.3431.483	0.2233.001 ***	-
10-24280-2 Obsolete	F7B-9	09-45592	09-1028B*	01-42679	01-46794-01	0.2233.001	01-42445	01-42441	0.0279.033	-	Obsolete	0.3431.742	0.2233.001 ***	-
10-24290-1	F4B-9	09-45872	09-810B-1*	01-45660	0.0279.501	0.2233.251	01-45284	01-45282	0.0279.501	-	01-45658	0.3431.748	-	-
10-24290-2 Not in production	F4B-903	09-45872	09-810B-1*	Obsolete	0.0279.501	0.2233.251	01-45284	01-45282	0.0279.501	-	01-45658	0.3431.748	-	-
10-24290-3 Not in production	F4B-902	09-45872	09-810B-1*	01-45084	0.0279.501	0.2233.251	01-45284	01-45282	0.0279.501	-	01-45658	0.3431.748	-	-
10-24302-01	F6B-9	09-45825	09-812B-1**	01-45670	0.0279.033	0.2233.252	01-45315	01-45312-1	0.0141.502	-	01-45681	0.3431.742	-	-
10-24302-02 Not in production	F6B-902	09-45825	09-812B-1**	Obsolete	0.0279.032	0.2233.252	01-45315	01-45312-1	0.0141.502	-	01-45681	0.3431.742	-	-
10-24305-01 Obsolete	F7B-903	09-45592	09-1028B*	01-42442	01-46794-07	0.2233.001	01-42445	01-42441	0.0279.033	-	Obsolete	0.3431.742	0.2233.001 ***	-

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

Part no.	Pump type	A Service kit	1 Impeller	2 Cam	3 Camscrew	4 Seal	5 Gasket	6 Endcover	7 Endcover screw	8 Wearplate	9 Shaft	10 Bearing	11 Bearing seal	Clutch or Motor
10-24308-01 Customer branded	F9B-9	09-45920	09-814B	01-45173	01-46794-09	09-0.2247.008	01-45354	01-35284	0.0138.134	01-42423	01-35282	0.3431.684	0.2234.006	-
10-24308-02 Customer branded	F9B-905	09-45920	09-814B	01-45172	01-46794-09	09-0.2247.008	01-45354	01-35284	0.0138.134	01-42423	01-35282	0.3431.684	0.2234.006	-
10-24308-03 Customer branded	F9B-902	09-45920	09-814B	01-46230	01-46794-11	09-0.2247.008	01-45354	01-35284	0.0138.134	01-42423	01-35282	0.3431.684	0.2234.006	-
10-24315-01 Obsolete	F8B-903	-	09-819B	Obsolete	01-46794-09	09-0.2247.008	01-45354	01-42422-1	0.0138.134	01-42423	Obsolete	0.3431.525	0.2233.008	-
10-24316-01	F6B-9	09-45825	09-812B-1**	01-45670	0.0279.033	0.2233.252	01-45315	01-45312-1	0.0141.502	-	01-45681	0.3431.742	-	-
10-24316-02 Not in production	F6B-902	09-45825	09-812B-1**	Obsolete	0.0279.032	0.2233.252	01-45315	01-45312-1	0.0141.502	-	01-45681	0.3431.742	-	-
10-24318-01	F5B-905	09-45585	09-1027B-1*	01-45976	01-46794-05	0.2233.001	01-42401	01-42398	0.0279.500	01-42399	01-45978	0.3431.761	-	-
10-24319-01	F4B-9	09-45587	09-810B-1*	01-42389	01-46794-03	0.2233.010	01-45284	01-45282	0.0279.501	-	01-45993	0.3431.441	0.2233.010 ***	-
10-24319-02 Not in production	F4B-903	09-45587	09-810B-1*	01-45288	01-46794-03	0.2233.010	01-45284	01-45282	0.0279.501	-	01-45993	0.3431.441	0.2233.010 ***	-
10-24319-03 Not in production	F4B-902	09-45587	09-810B-1*	01-45084	0.0279.501	0.2233.010	01-45284	01-45282	0.0279.501	-	01-45993	0.3431.441	0.2233.010 ***	-
10-24321-01	F4B-9	09-45587	09-810B-1*	01-42389	01-46794-03	0.2233.010	01-45284	01-45282	0.0279.501	-	01-35293	0.3431.441	0.2233.010 ***	-
10-24321-02 Not in production	F4B-903	09-45587	09-810B-1*	01-45288	01-46794-03	0.2233.010	01-45284	01-45282	0.0279.501	-	01-35293	0.3431.441	0.2233.010 ***	-
10-24321-03 Not in production	F4B-902	09-45587	09-810B-1*	01-45084	0.0279.501	0.2233.010	01-45284	01-45282	0.0279.501	-	01-35293	0.3431.441	0.2233.010 ***	-
10-24325-01 Obsolete	F5B-9	09-45585	09-1027B-1*	01-42397	01-46794-05	0.2233.001	01-42401	01-42398	0.0279.500	-	Obsolete	0.3431.761	-	-
10-24325-02 Obsolete	F5B-902	09-45585	09-1027B-1*	01-45014	0.0279.032	0.2233.001	01-42401	01-42398	0.0279.500	-	Obsolete	0.3431.761	-	-
10-24326-01	F4B-9	09-45587	09-810B-1*	01-42389	01-46794-03	0.2233.010	01-45284	01-45282	0.0279.501	-	01-35293	0.3431.441	0.2233.010 ***	-
10-24326-02 Not in production	F4B-903	09-45587	09-810B-1*	01-45288	01-46794-03	0.2233.010	01-45284	01-45282	0.0279.501	-	01-35293	0.3431.441	0.2233.010 ***	-
10-24326-03 Not in production	F4B-902	09-45587	09-810B-1*	01-45084	0.0279.501	0.2233.010	01-45284	01-45282	0.0279.501	-	01-35293	0.3431.441	0.2233.010 ***	-

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

		A	1	2	3	4	5	6	7	8	9	10	11	
Part no.	Pump type	Service kit	Impeller	Cam	Camscrew	Seal	Gasket	Endcover	Endcover screw	Wearplate	Shaft	Bearing	Bearing seal	Clutch or Motor
10-24329-11 Obsolete	F7B-903	09-45592	09-1028B*	01-42442	01-46794-07	0.2233.001	01-42445	01-42441	0.0279.033	-	Obsolete	0.3431.483	0.2233.001 ***	-
10-24334-01	F5B -9	09-45585	09-1027B-1*	01-42397	01-46794-05	0.2233.001	01-42401	01-42398	0.0141.700	01-42399	01-35308	0.3431.761	-	-
10-24334-02 Not in production	F5B-902	09-45585	09-1027B-1*	01-45014	0.0279.032	0.2233.001	01-42401	01-42398	0.0279.500	01-42399	01-35308	0.3431.761	-	-
10-24335-01	F4B-9	09-45587	09-810B-1*	01-42389	01-46794-03	0.2233.010	01-45284	01-45282	0.0279.501	-	01-46046	0.3431.441	0.2233.010 ***	-
10-24336-01 Obsolete	F4B-9	09-45587	09-810B-1*	01-42389	01-46794-03	0.2233.010	01-45284	01-45282	0.0141.700	-	01-35293	0.3431.441	0.2233.010 ***	-
10-24336-02 Obsolete	F4B-903	09-45587	09-810B-1*	01-45288	01-46794-03	0.2233.010	01-45284	01-45282	0.0279.501	-	01-35293	0.3431.441	0.2233.010 ***	-
10-24336-03 Obsolete	F4B-902	09-45587	09-810B-1*	01-45084	0.0279.501	0.2233.010	01-45284	01-45282	0.0279.501	-	01-35293	0.3431.441	0.2233.010 ***	-
10-24338-01 Customer branded	F7B-9	09-45592	09-1028B*	01-42679	01-46794-01	0.2233.001	01-42445	01-42441	0.0279.033	-	01-46469	0.3431.742	0.2233.001 ***	-
10-24338-02 Obsolete	F7B-9	09-45592	09-1028B*	01-42679	01-46794-01	0.2233.001	01-42445	01-42441	0.0279.033	-	01-46469	0.3431.742	0.2233.001 ***	
10-24341-01	F4B-9	09-45587	09-810B-1*	01-42389	01-46794-03	0.2233.010	01-45284	01-45282	0.0279.501	-	01-45353	0.3431.441	0.2233.010 ***	-
10-24341-02 Obsolete	F4B-903	09-45587	09-810B-1*	01-45288	01-46794-03	0.2233.010	01-45284	01-45282	0.0279.501	-	01-45353	0.3431.441	0.2233.010 ***	-
10-24341-03 Obsolete	F4B-902	09-45587	09-810B-1*	01-45084	0.0279.501	0.2233.010	01-45284	01-45282	0.0279.501	-	01-45353	0.3431.441	0.2233.010 ***	-
10-24349-01	F7B-9	09-45592	09-1028B*	01-42679	01-46794-01	0.2233.001	01-42445	01-42441	0.0279.033	-	01-46092	0.3431.742	0.2233.001 ***	-
10-24365-01	F7B-9	09-45590	09-1028B*	01-42679	01-46794-01	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-35220	0.3431.523	0.2233.017	-
10-24365-02 Customer branded	F7B-9	09-45590	09-1028B*	01-42679	01-46794-01	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-35220	0.3431.523	0.2233.017	-
10-24372-01 Customer branded	F5B-9	09-45808	09-1027B-1*	01-45329	0.0279.033	0.2233.001	01-45315	01-45312-1	0.0141.502	-	04-46238	0.3431.754	-	-
10-24386-01 Obsolete	F7B-9	09-45592	09-1028B*	01-42679	01-46794-01	0.2233.001	01-42445	01-42441	0.0279.033	-	01-46195	0.3431.742	0.2234.482	-
10-24390-01 Obsolete	F7B-9	09-45592	09-1028B*	01-42679	01-46794-01	0.2233.001	01-42445	01-42441	0.0279.033	-	Obsolete	0.3431.483	0.2233.001 ***	-

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

Part no.	Pump type	A Service kit	1 Impeller	2 Cam	3 Camscrew	4 Seal	5 Gasket	6 Endcover	7 Endcover screw	8 Wearplate	9 Shaft	10 Bearing	11 Bearing seal	Clutch or Motor
10-24394-01 Obsolete, repl. by 10-24524-01	F7B-9	09-45592	09-1028B*	01-42679	01-46794-07	0.2233.001	01-42445	01-42441	0.0141.502	-	01-45844	0.3431.483	0.2233.001 ***	-
10-24394-02 Obsolete	F7B-902	09-45592	09-1028B*	01-46242	01-46794-06	0.2233.001	01-42445	01-42441	0.0141.502	-	01-45844	0.3431.483	0.2233.001 ***	-
10-24394-03 Obsolete, repl. by 10-24524-03	F7B-9	09-45592	09-1028B*	01-42679	01-46794-07	0.2233.001	01-46397	01-42441	0.0141.502	-	01-45844	0.3431.483	0.2233.001 ***	-
10-24398-01	F7B-9	09-45592	09-1028B*	01-42679	01-46794-01	0.2233.001	01-42445	01-42441	0.0279.033	-	01-35670	0.3431.483	0.2233.001 ***	-
10-24398-02	F7B-9	09-45592	09-1028B*	01-42679	01-46794-01	0.2233.001	01-42445	01-42441	0.0279.033	-	01-35670	0.3431.483	-	
10-24412-01 Obsolete, repl. by 10-24562-01	F6B-9	09-46172	09-812B-1**	01-45670	0.0279.033	0.2233.001	01-45315	01-45312-1	0.0141.502	-	01-46268	0.3431.444	0.2233.001 ***	-
10-24412-02 Obsolete, repl. by 10-24562-01	F6B-9	09-46172	09-812B-1**	01-45670	0.0279.033	0.2233.001	01-45315	01-45312-1	0.0141.502	-	01-46268	0.3431.444	0.2233.001	- ***
10-24413-01	F75B-9	-	09-821B	01-46146	01-46794-12	09-0.2247.008	01-46286	01-46285	0.0141.502	01-42443	01-35685	0.3431.001/ 0.3431.044	0.2233.351	-
10-24413-02 Customer branded	F75B-9	-	09-821B	01-46146	01-46794-12	09-0.2247.008	01-46286	01-46285	0.0141.502	01-42443	01-35685	0.3431.001/ 0.3431.044	0.2233.351	-
10-24428-01	F7B-9	09-45592	09-1028B*	01-42679	01-46794-01	0.2233.001	01-42445	01-42441	0.0279.033	-	01-45044	0.3431.742	0.2233.001 ***	-
10-24430-01 Customer branded	F9B-9	-	09-814B	01-45018	01-46794-02	09-0.2247.051	01-42424	01-42422-1	0.0144.003	01-42423	01-35698-1	0.3431.684	0.2233.016	-
10-24431-01 Obsolete	F7B-9	09-45592	09-1028B*	01-42679	01-46794-01	0.2233.001	01-42445	01-42441	0.0279.033	-	01-45248	0.3431.483	0.2233.001	-
10-24432-01 Obsolete, repl. by 10-24563-01	F6B-9	09-46172	09-812B-1**	01-45670	0.0279.033	0.2233.001	01-45315	01-45312-1	0.0141.502	-	01-35697	0.3431.444	0.2233.001 ***	-
10-24432-02 Obsolete, repl. by 10-24563-01	F6B-9	09-46172	09-812B-1**	01-45670	0.0279.033	0.2233.001	01-45315	01-45312-1	01-46794-12	-	01-35697	0.3431.444	0.2233.001	- ***
10-24445-01	F7B-9	09-45590	09-1028B*	01-42679	01-46794-01	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-35713	0.3431.484	0.2233.350	-
10-24451-01	F5B-9	09-45583	09-1027B *	01-42397	01-46794-05	09-0.2247.050	01-42401	01-42398	01-46794-04	01-42399	01-35713	0.3431.484	0.2233.350	-
10-24453-01	TA3P10-1907 12V	09-45595	09-1052S-9*	-	-	0.2233.007	37-3206217	01-35719-2	0.0142.737	37-3206221	-	-	-	01-24466-01
10-24453-02	TA3P10-1907 24V	09-45595	09-1052S-9*	-	-	0.2233.007	37-3206217	01-35719-2	0.0142.737	37-3206221	-	-	-	01-24466-02
10-24453-04	TA3P10-19 12V	09-45595	09-1052S-9*	-	-	0.2233.007	37-3206217	01-35719-1	0.0142.737	37-3206221	-	-	-	01-24466-01
10-24453-05	TA3P10-19 24V	09-45595	09-1052S-9*	-	-	0.2233.007	37-3206217	01-35719-1	0.0142.737	37-3206221	-	-	-	01-24466-02

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

		A	1	2	3	4	5	6	7	8	9	10	11	
Part no.	Pump type	Service kit	Impeller	Cam	Camscrew	Seal	Gasket	Endcover	Endcover screw	Wearplate	Shaft	Bearing	Bearing seal	Clutch or Motor
10-24461-01 Customer branded	F5B-9	09-45808	09-1027B-1*	01-45329	0.0279.033	0.2233.252	01-45315	01-45312-1	01-46794-12	-	01-45681	0.3431.742	-	-
10-24463-01 Customer branded, replaced by 10-24571-01	F4B-903	09-45905	09-1026B-1*	01-45288	01-46794-03	0.2233.010	01-45284	01-45282	0.0279.501	-	01-46492	0.3431.441	0.2233.010 ***	-
10-24465-01 Customer branded, replaced by 10-24572-01	F4B-9	09-45905	09-1026B-1*	01-42389	01-46794-03	0.2233.010	01-45284	01-45282	0.0279.501	-	01-46491	0.3431.441	0.2233.010 ***	-
10-24475-01 Not in production	F7B-902	09-45592	09-1028B*	01-42584	01-46794-06	0.2233.001	01-42445	01-42441	0.0279.033	-	01-46476	0.3431.742	0.2233.001 ***	
10-24475-02	F7B-903	09-45592	09-1028B*	01-42442	01-46794-07	0.2233.001	01-42445	01-42441	0.0279.033	-	01-46476	0.3431.742	0.2233.001 ***	-
10-24493-01 Customer branded	F6B-9	09-46693	09-812B-1**	01-46502	0.0279.033	0.2233.001	0.2173.475	01-46535	0.0141.502	-	01-46268-2	0.3431.444	0.2233.001 ***	-
10-24493-02 Customer branded	F6B-9	09-46693	09-812B-1**	01-46502	0.0279.033	0.2233.001	0.2173.475	01-46535	0.0141.502	-	01-46268-2	0.3431.444	0.2233.001 ***	-
10-24508-01 Obsolete, repl by 10-24508-03	F5B-9	09-46694-1	09-1027B-1*	-	-	0.2233.022	0.2173.475	01-46535	0.0141.503	01-46532	01-46531	0.3431.483	0.2233.001	-
10-24508-02 Obsolete	F5B-9	09-46694-2	09-1027B-1*	-	-	09-0.2247.050	0.2173.475	01-46535	0.0141.503	01-46532	01-46531	0.3431.483	0.2233.001	-
10-24508-03 Customer branded	F5B-9	-	09-1027B-1*	-	-	0.2233.022	0.2173.475	01-46535	0.0141.503	01-46532	01-46531	0.3431.483	0.2233.001	
10-24508-04 Customer branded	F5B-9	-	09-1027B-1*	-	-	09-0.2247.050	0.2173.475	01-46535	0.0141.503	01-46532	01-46531	0.3431.483	0.2233.001	
10-24509-01 Customer branded	F4B-903	09-45587	09-810B-1*	-	-	0.2233.010	0.2173.476	01-42398	0.0141.700	-	01-46541	0.3431.760/ 0.3431.748	-	-
10-24509-02 Customer branded	F4B-902	09-45587	09-810B-1*	-	-	0.2233.010	0.2173.476	01-42398	0.0141.700	-	01-46541	0.3431.760/ 0.3431.748	-	-
10-24512-01 Replaced by 10-24689-01	F4B-19 12V	09-46600	09-824P-9*	-	-	0.2233.007	0.2173.476	01-42398	0.0279.501	-	-	-	-	01-24452-1
10-24512-02 Replaced by 10-24689-02	F4B-19 24V	09-46600	09-824P-9*	-	-	0.2233.007	0.2173.476	01-42398	0.0279.501	-	-	-	-	01-24452-2
10-24512-03 Replaced by 10-24689-03	F4B-1907 12V	09-46600	09-824P-9*	-	-	0.2233.007	0.2173.476	01-42398	0.0279.501	-	-	-	-	01-24452-1
10-24512-04 Replaced by 10-24689-04	F4B-1907 24V	09-46600	09-824P-9*	-	-	0.2233.007	0.2173.476	01-42398	0.0279.501	-	-	-	-	01-24452-2

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

Part no.	Pump type	A Service kit	1 Impeller	2 Cam	3 Camscrew	4 Seal	5 Gasket	6 Endcover	7 Endcover screw	8 Wearplate	9 Shaft	10 Bearing	11 Bearing seal	Clutch or Motor
10-24514-01	F4B-9	09-45587	09-810B-1*	01-42389	01-46794-03	0.2233.010	01-45284	01-45282	0.0279.501	-	01-46563	0.3431.441	-	-
10-24515-01 Customer branded	F6B-9	09-46693	09-812B-1**	-	-	0.2233.001	0.2173.475	01-46556	0.0279.301	-	01-46596	0.3431.742	0.2234.014	-
10-24516-01	F3B-19 12V	09-45595	09-1052S-9*	-	-	0.2233.007	0.2173.436	01-43131	0.0279.501	-	-	-	-	01-35285-01
10-24516-02	F3B-19 24V	09-45595	09-1052S-9*	-	-	0.2233.007	0.2173.436	01-43131	0.0279.501	-	-	-	-	01-35285-02
10-24516-03	F3B-1907 12V	09-45595	09-1052S-9*	-	-	0.2233.007	0.2173.436	01-43131	0.0279.501	-	-	-	-	01-35285-01
10-24516-04	F3B-1907 24V	09-45595	09-1052S-9*	-	-	0.2233.007	0.2173.436	01-43131	0.0279.501	-	-	-	-	01-35285-02
10-24516-05 Not in production	F3B-19 12V	09-45595	09-1052S-9*	-	-	0.2233.007	0.2173.436	01-46008	0.0279.501	-	-	-	-	01-35285-01
10-24516-06 Not in production	F3B-19 24V	09-45595	09-1052S-9*	-	-	0.2233.007	0.2173.436	01-46008	0.0279.501	-	-	-	-	01-35285-02
10-24524-01 Obsolete, repl. by 10-24524-02	F7B-9	09-45592	09-1028B*	-	-	0.2233.001	0.2172.012	Cust. branded	0.0141.502	-	01-45844	0.3431.483	0.2233.001 ***	- ***
10-24524-02 Customer branded	F7B-9	09-45592	09-1028B*	-	-	0.2233.001	0.2172.012	Cust. branded	0.0141.502	01-46816	01-45844	0.3431.483	0.2233.001 ***	-
10-24524-03 Obsolete, repl. by 10-24524-05	F7B-9	09-45592	09-1028B*	-	-	0.2233.001	0.2172.012	Cust. branded	0.0141.502	-	01-45844	0.3431.483	0.2233.001	- ***
10-24524-04 Customer branded	F7B-9	09-45592	09-1028B*	-	-	0.2233.001	0.2172.012	Cust. branded	0.0141.502	01-46816-2	01-45844	0.3431.483	0.2233.001 ***	-
10-24524-05 Customer branded	F7B-9	09-45592	09-1028B*	-	-	0.2233.001	0.2172.012	Cust. branded	0.0141.502	01-46816	01-45844	0.3431.483	0.2233.001	-
10-24535-01 Customer branded	F7B-9	-	09-1028B*	-	-	09-0.2247.050	0.2172.012	01-46648-1	0.0141.502	01-46647	01-35838	0.3431.523	0.2233.017	
10-24542-01	F7B-903	09-45592	09-1028B*	01-42442	01-46794-07	0.2233.001	01-42445	01-42441	0.0138.987	-	01-46674	0.3431.742	0.2234.482	-
10-24551-01	F3B-19 230V	09-45595	09-1052S-9	-	-	0.2233.107	0.2173.436	01-43141	0.0279.501	-	-	-	-	01-35848-1
10-24551-02	F3B-19 110V	09-45595	09-1052S-9	-	-	0.2233.107	0.2173.436	01-43141	0.0279.501	-	-	-	-	01-35848-2
10-24551-03	F3B-19 230V	09-45595	09-1052S-9	-	-	0.2233.107	0.2173.436	01-43141	0.0279.501	-	-	-	-	01-35848-1
10-24551-04	F3B-19 110V	09-45595	09-1052S-9	-	-	0.2233.107	0.2173.436	01-43141	0.0279.501	-	-	-	-	01-35848-2
10-24554-01	F2P10-19 230V	09-45594		-	-	0.2234.402	0.2172.506	21-4945	0.0140.001	21-4944**** 21-4946*****	-	-	-	01-35848-1

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

		A	1	2	3	4	5	6	7	8	9	10	11	
Part no.	Pump type	Service kit	Impeller	Cam	Camscrew	Seal	Gasket	Endcover	Endcover screw	Wearplate	Shaft	Bearing	Bearing seal	Clutch or Motor
10-24556-01 Obsolete	F7B-5001 MC	09-45592	09-1028B*	01-42679	01-46794-01	0.2233.001	01-42445	01-42441	0.0279.033	-	01-35865	0.3431.742	-	0.3454.001 = 12V 2xA 0.3454.002 = 24V 2xA 0.3454.003 = 12V 1xB 0.3454.004 = 24V 1xB
10-24556-02 Obsolete	F7B-50017 MC	09-45592	09-1028B*	01-42679	01-46794-01	0.2233.001	01-42445	01-42441	0.0279.033	-	01-35865	0.3431.742	-	0.3454.001 = 12V 2xA 0.3454.002 = 24V 2xA 0.3454.003 = 12V 1xB 0.3454.004 = 24V 1xB
10-24559-01 Obsolete	F8B-5001 MC	09-45592	09-819B	01-42680	01-46794-02	09-0.2247.008	01-42424	01-42422-1	0.0138.134	01-42423	01-35875	0.3431.780	-	0.3454.001 = 12V 2xA 0.3454.002 = 24V 2xA 0.3454.003 = 12V 1xB 0.3454.004 = 24V 1xB
10-24559-02 Obsolete	F8B-50017 MC	09-45592	09-819B	01-42680	01-46794-02	09-0.2247.008	01-42424	01-42422-1	0.0138.134	01-42423	01-35875	0.3431.780	-	0.3454.001 = 12V 2xA 0.3454.002 = 24V 2xA 0.3454.003 = 12V 1xB 0.3454.004 = 24V 1xB
10-24562-01 Customer branded	F6B-9	-	09-812B-1**	01-45670	0.0279.033	0.2233.001	0.2173.475	01-46723	0.0141.502	-	01-46268	0.3431.444	0.2233.001	
10-24562-02 Customer branded	F6B-9	-	09-812B-1**	01-45670	0.0279.033	0.2233.001	0.2173.475	01-46723	0.0141.502	-	01-46268	0.3431.444	0.2233.001	
10-24563-01 Customer branded	F6B-9	-	09-812B-1**	01-45670	0.0279.033	0.2233.001	0.2173.475	01-46723	0.0141.502	-	01-35697	0.3431.444	0.2233.001	
10-24565-01 Customer branded	F3S-19 230V	09-45595	09-1052S-9	-	-	0.2233.107	0.2173.436	01-46729	0.0279.501	-	-	-	-	01-35848-1
10-24565-02 Customer branded	F3S-19 110V	09-45595	09-1052S-9	-	-	0.2233.107	0.2173.436	01-46729	0.0279.501	-	-	-	-	01-35848-2

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

Part no.	Pump type	A Service kit	1 Impeller	2 Cam	3 Camscrew	4 Seal	5 Gasket	6 Endcover	7 Endcover screw	8 Wearplate	9 Shaft	10 Bearing	11 Bearing seal	Clutch or Motor
10-24567-01	F7B-903	09-45592	09-1028B*	01-42442	01-46794-07	0.2233.001	0.2173.402	01-42441	0.0138.987	-	01-35878	0.3431.742	0.2234.482	
10-24568-01 Obsolete	F6B-9	-	09-812B-1**	-	-	0.2233.001	0.2173.475	01-46556	0.0279.301	-	01-46596	0.3431.742	0.2234.014	
10-24569-01	F35B-8	09-46840	09-808B-1*	01-42910	01-46794-03	09-0.2247.021	0.2173.440	01-46739-2	0.0141.700	01-46676	01-46735-1	0.3431.748	-	
10-24569-03	F35B-802	09-46840	09-808B-1*	01-42415	01-46794-10	09-0.2247.021	0.2173.440	01-46739-2	0.0141.700	01-46676	01-46735-1	0.3431.748	-	
10-24569-09	F35B-8027	09-46840	09-808B-1*	01-42415	01-46794-10	09-0.2247.021	0.2173.440	01-46739-2	0.0141.700	01-46676	01-46735-1	0.3431.748	-	
10-24569-13 Obsolete, repl by 10-24569-01	F35B-8	09-45589	09-808B-1*	01-42910	01-46794-03	0.2233.010	0.2173.440	01-46739-2	0.0141.700	01-46676	01-46735-1	0.3431.748	-	
10-24569-15 Obsolete, repl by 10-24569-03	F35B-802	09-45589	09-808B-1*	01-42415	01-46794-10	0.2233.010	0.2173.440	01-46739-2	0.0141.700	01-46676	01-46735-1	0.3431.748	-	
10-24569-21 Obsolete, repl by 10-24569-09	F35B-8027	09-45589	09-808B-1*	01-42415	01-46794-10	0.2233.010	0.2173.440	01-46739-2	0.0141.700	01-46676	01-46735-1	0.3431.748	-	
10-24569-51	F35B-8007	09-46840	09-808B-1*	01-42910	01-46794-03	09-0.2247.021	0.2173.440	01-46739-2	0.0141.700	01-46676	01-46735-1	0.3431.748	-	
10-24569-52 Obsolete, repl by 10-24569-51	F35B-8007	09-45589	09-808B-1*	01-42910	01-46794-03	0.2233.010	0.2173.440	01-46739-2	0.0141.700	01-46676	01-46735-1	0.3431.748	-	
10-25469-53 Customer branded	F35B-8007	09-46840	09-808B-1*	01-42910	01-46794-03	09-0.2247.021	0.2173.440	01-46739-2	0.0141.700	01-46676	01-46735-1	0.3431.748	-	
10-24569-54 Customer branded	F35B-8007	09-45589	09-808B-1*	01-42910	01-46794-03	0.2233.010	0.2173.440	01-46739-2	0.0141.700	01-46676	01-46735-1	0.3431.748	-	
10-24570-01	F4B-8	09-46841	09-810B-1*	01-42389	01-46794-04	09-0.2247.021	0.2173.476	01-46007-2	0.0141.700	01-46737-2	01-46735-1	0.3431.748	-	
10-24570-02	F4B-89	09-46842	09-810B-9	01-42389	01-46794-04	09-0.2247.021	0.2173.476	01-46007-2	0.0141.700	01-46737-2	01-46735-1	0.3431.748	-	
10-24570-07	F4B-8007	09-46841	09-810B-1*	01-42389	01-46794-04	09-0.2247.021	0.2173.476	01-46007-2	0.0141.700	01-46737-2	01-46735-1	0.3431.748	-	
10-24570-13 Obsolete, repl by 10-24570-01	F4B-8	09-45587	09-810B-1*	01-42389	01-46794-04	0.2233.010	0.2173.476	01-46007-2	0.0141.700	01-46737-2	01-46735-1	0.3431.748	-	
10-24570-14 Obsolete, repl by 10-24570-02	F4B-89	09-45588	09-810B-9	01-42389	01-46794-04	0.2233.010	0.2173.476	01-46007-2	0.0141.700	01-46737-2	01-46735-1	0.3431.748	-	
10-24570-19 Obsolete, repl by 10-24570-07	F4B-8007	09-45587	09-810B-1*	01-42389	01-46794-04	0.2233.010	0.2173.476	01-46007-2	0.0141.700	01-46737-2	01-46735-1	0.3431.748	-	
10-24570-51	F4B-8007	09-46841	09-810B-1*	01-42389	01-46794-04	09-0.2247.021	0.2173.476	01-46007-2	0.0141.700	01-46737-2	01-46735-1	0.3431.748	-	
10-24570-52 Obsolete, repl by 10-24570-51	F4B-8007	09-45587	09-810B-1*	01-42389	01-46794-04	0.2233.010	0.2173.476	01-46007-2	0.0141.700	01-46737-2	01-46735-1	0.3431.748	-	

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

		A	1	2	3	4	5	6	7	8	9	10	11	
Part no.	Pump type	Service kit	Impeller	Cam	Camscrew	Seal	Gasket	Endcover	Endcover screw	Wearplate	Shaft	Bearing	Bearing seal	Clutch or Motor
10-24570-53 Not in production	F4B-8	09-46841	09-810B-1*	01-42389	01-46794-04	09-0.2247.021	0.2173.476	01-46007-2	0.0141.700	01-46737-2	01-46735-1	0.3431.748	-	
10-24570-54 Obsolete, repl by 10-24570-53	F4B-8	09-45587	09-810B-1*	01-42389	01-46794-04	0.2233.010	0.2173.476	01-46007-2	0.0141.700	01-46737-2	01-46735-1	0.3431.748	-	
10-24571-01	F5B-8	09-46843	09-1027B-1*	01-42397	01-46794-05	09-0.2247.022	0.2173.475	01-46747-2	0.0141.700	01-42399-2	01-46744	0.3431.742	-	
10-24571-02	F5B-89	09-46844	09-1027B-9	01-42397	01-46794-05	09-0.2247.022	0.2173.475	01-46747-2	0.0141.700	01-42399-2	01-46744	0.3431.742	-	
10-24571-03	F5B-802	09-46843	09-1027B-1*	01-45014	0.0279.032	09-0.2247.022	0.2173.475	01-46747-2	0.0141.700	01-42399-2	01-46744	0.3431.742	-	
10-24571-13 Obsolete, repl by 10-24571-01	F5B-8	09-45585	09-1027B-1*	01-42397	01-46794-05	0.2233.012	0.2173.475	01-46747-2	0.0141.700	01-42399-2	01-46744	0.3431.742	-	
10-24571-14 Obsolete, repl by 10-24571-02	F5B-89	09-45586	09-1027B-9	01-42397	01-46794-05	0.2233.012	0.2173.475	01-46747-2	0.0141.700	01-42399-2	01-46744	0.3431.742	-	
10-24571-15 Obsolete, repl by 10-24571-02	F5B-802	09-45585	09-1027B-1*	01-45014	0.0279.032	0.2233.012	0.2173.475	01-46747-2	0.0141.700	01-42399-2	01-46744	0.3431.742	-	
10-24571-51	F5B-8007	09-46843	09-1027B-1*	01-42397	01-46794-05	09-0.2247.022	0.2173.475	01-46747-2	0.0141.700	01-42399-2	01-46744	0.3431.742	-	
10-24571-52 Obsolete, repl by 10-24571-51	F5B-8007	09-45585	09-1027B-1*	01-42397	01-46794-05	0.2233.012	0.2173.475	01-46747-2	0.0141.700	01-42399-2	01-46744	0.3431.742	-	
10-24571-53 Not in production	F5B-8	09-46843	09-1027B-1*	01-42397	01-46794-05	09-0.2247.022	0.2173.475	01-46747-2	0.0141.700	01-42399-2	01-46744	0.3431.742	-	
10-24571-54 Obsolete, repl by 10-24571-53	F5B-8	09-45585	09-1027B-1*	01-42397	01-46794-05	0.2233.012	0.2172.012	01-46747-2	0.0141.700	01-42399-2	01-46744	0.3431.742	-	
10-24572-01	F7B-8	09-46845	09-1028B*	01-42679	01-46794-01	09-0.2247.022	0.2172.012	01-46648-3	0.0279.301	01-46798-2	01-46744	0.3431.742	-	
10-24572-05	F7B-803	09-46845	09-1028B*	01-42442	01-46794-07	09-0.2247.022	0.2172.012	01-46648-3	0.0279.301	01-46798-2	01-46744	0.3431.742	-	
10-24572-13 Obsolete, repl by 10-24572-01	F7B-8	09-45592	09-1028B*	01-42679	01-46794-01	0.2233.012	0.2172.012	01-46648-3	0.0279.301	01-46798-2	01-46744	0.3431.742	-	
10-24572-17 Obsoelte, repl by 10-24572-05	F7B-803	09-45592	09-1028B*	01-42442	01-46794-07	0.2233.012	0.2172.012	01-46648-3	0.0279.301	01-46798-2	01-46744	0.3431.742	-	
10-24572-51	F7B-8007	09-46845	09-1028B*	01-42679	01-46794-01	09-0.2247.022	0.2172.012	01-46648-3	0.0279.301	01-46798-2	01-46744	0.3431.742	-	
Obsolete, repl by 10-24572-51	F7B-8007	09-45592	09-1028B*	01-42679	01-46794-01	0.2233.012	0.2172.012	01-46648-3	0.0279.301	01-46798-2	01-46744	0.3431.742	-	
10-24572-53 Not in production	F7B-8	09-46845	09-1028B*	01-42679	01-46794-01	09-0.2247.022	0.2172.012	01-46648-3	0.0279.301	01-46798-2	01-46744	0.3431.742	-	

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

Part no.	Pump type	A Service kit	1 Impeller	2 Cam	3 Camscrew	4 Seal	5 Gasket	6 Endcover	7 Endcover screw	8 Wearplate	9 Shaft	10 Bearing	11 Bearing seal	Clutch or Motor
10-24572-54 Obsolete, repl by 10-24572-53	F7B-8	09-45592	09-1028B*	01-42679	01-46794-01	0.2233.012	0.2172.012	01-46648-3	0.0279.301	01-46798-2	01-46744	0.3431.742	-	
10-24577-13 Obsolete	F7B-5001	09-45592	09-1028B*	01-42679	01-46794-01	0.2233.012	0.2172.012	01-46648-3	0.0279.301	01-46798-2	01-46745	0.3431.742	-	0.3454.001 = 12V 2xA 0.3454.002 = 24V 2xA 0.3454.003 = 12V 1xB 0.3454.004 = 24V 1xB
10-24577-19 Obsolete	F7B-50017	09-45592	09-1028B*	01-42679	01-46794-01	0.2233.012	0.2172.012	01-46648-3	0.0279.301	01-46798-2	01-46745	0.3431.742	-	0.3454.001 = 12V 2xA 0.3454.002 = 24V 2xA 0.3454.003 = 12V 1xB 0.3454.004 = 24V 1xB
10-24577-98	F7B-50017	09-46868	09-1028B*	01-42679	01-46794-01	09-0.2247.022	0.2172.012	01-46648-3	0.0279.301	01-46798-2	01-46745	0.3431.742	-	0.3454.001 = 12V 2xA 0.3454.002 = 24V 2xA 0.3454.003 = 12V 1xB 0.3454.004 = 24V 1xB
10-24577-99	F7B-5001	09-46868	09-1028B*	01-42679	01-46794-01	09-0.2247.022	0.2172.012	01-46648-3	0.0279.301	01-46798-2	01-46745	0.3431.742	-	0.3454.001 = 12V 2xA 0.3454.002 = 24V 2xA 0.3454.003 = 12V 1xB 0.3454.004 = 24V 1xB
10-24578-03 Obsolete	F7B-5001-MC	09-46845	09-1028B*	01-42679	01-46794-01	09-0.2247.022	0.2172.012	01-46648-3	0.0279.301	01-46798-2	01-35894	0.3431.742	-	0.3454.001 = 12V 2xA 0.3454.002 = 24V 2xA 0.3454.003 = 12V 1xB 0.3454.004 = 24V 1xB

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

		A	1	2	3	4	5	6	7	8	9	10	11	
Part no.	Pump type	Service kit	Impeller	Cam	Camscrew	Seal	Gasket	Endcover	Endcover screw	Wearplate	Shaft	Bearing	Bearing seal	Clutch or Motor
10-24578-04 Obsolete	F7B-50017-MC	09-46845	09-1028B*	01-42679	01-46794-01	09-0.2247.022	0.2172.012	01-46648-3	0.0279.301	01-46798-2	01-35894	0.3431.742	-	0.3454.001 = 12V 2xA 0.3454.002 = 24V 2xA 0.3454.003 = 12V 1xB 0.3454.004 = 24V 1xB
10-24580-01 Customer branded	F7B-9	-	09-1028B*	01-46899	01-46794-01	09-0.2247.050	01-42445	01-42441	01-46794-05	01-42443	01-35897	0.3431.742	-	
10-24591-01 Customer branded	F6B-9	-	09-812B-1*	01-45670	0.0279.033	0.2233.001	0.2173.475	01-46723	0.0141.502	-	01-35697	0.3431.444	-	
10-24592-01 Customer branded	F6B-9	-	09-812B-1*	01-45670	0.0279.033	0.2233.001	0.2173.475	01-46723	0.0141.502	-	01-35697	0.3431.444	-	
10-24593-01 Customer branded	F6B-9	-	09-812B-1*	01-45670	0.0279.033	0.2233.001	0.2173.475	01-46723	0.0141.502	-	01-46268	05-08-520	-	
10-24599-01 Customer branded	F7B-9	-	09-1028B	-	-	0.2233.252	0.2172.012	01-46648-1	0.0141.502	01-46816	01-46837	0.3431.778	-	
10-24609-01	F3S-19 1ph 230V	09-45595	09-1052S-9	-	-	0.2233.107	0.2173.436	01-46729	0.0279.501	-	-	-	-	01-35848-1
10-24609-02	F3S-19 1ph 110V	09-45595	09-1052S-9	-	-	0.2233.107	0.2173.436	01-46729	0.0279.501	-	-	-	-	01-35848-2
10-24621-01	F7B-9	-	09-1028B	01-42442	0.0279.033	09-0.2247.022	0.2172.012	01-46648-3	0.0279.301	01-46798-2	01-35965-1	0.3431.742	0.2233.403	
10-24630-01	F7B-9	-	09-1028B	01-46899	0.0279.033	09-0.2247.022	0.2172.012	01-46648-3	0.0279.301	01-46798-2	01-35964	0.3431.742	0.2233.403	
10-24630-02	F7B-9	-	09-1028B	01-46899-1	0.0279.033	09-0.2247.022	0.2172.012	01-46648-3	0.0279.301	01-46798-2	01-35964	0.3431.742	0.2233.403	
10-24633-01 Customer branded	F6B-9	-	09-812B-1*	-	-	09-0.2247.022	0.2173.475	01-46556	0.0141.502	01-46969	01-46964	0.3431.778	0.2234.016	
10-24637-01	F7B-9	-	09-1028B	01-46899	0.0279.033	09-0.2247.022	0.2172.012	01-46648-3	0.0138.987	01-46798-2	01-35965-2	0.3431.742	-	
10-24638-01	F35B Duo	-	09-808B-1*	01-42415	01-46794-10	09-0.2247.021	0.2173.440	01-46739-2	0.0141.700	01-46676	01-47053 01-47052	0.3431.748	-	
10-24638-02	F35B SWP	-	09-808B-1*	01-42415	01-46794-10	09-0.2247.021	0.2173.440	01-46739-2	0.0141.700	01-46676	01-47053	0.3431.748	-	
10-24638-03	F35B FWP	-	09-808B-1*	01-42415	01-46794-10	09-0.2247.021	0.2173.440	01-46739-2	0.0141.700	01-46676	01-47052	0.3431.748	-	
10-24654-01	F7B-903	-	09-1028B	01-42442	01-46794-10	0.2233.001	01-42445	01-42441	0.0279.033	-	-	0.3431.742	-	
10-24666-01 Customer branded	F7B-9	-	09-1028B	01-46899	0.0279.033	09-0.2247.022	0.2172.012	01-46648-3	0.0279.301	01-46798-2	01-36044	0.3431.742	-	

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

Part no.	Pump type	A Service kit	1 Impeller	2 Cam	3 Camscrew	4 Seal	5 Gasket	6 Endcover	7 Endcover screw	8 Wearplate	9 Shaft	10 Bearing	11 Bearing seal	Clutch or Motor
10-24666-02 Customer branded	F7B-9	-	09-1028B	01-46899	0.0279.033	09-0.2247.022	0.2172.012	01-46648-3	0.0279.301	01-46798-2	01-36045	0.3431.742	-	
10-24667-01 Customer branded	F7B-9	-	09-1028B	01-46899	0.0279.033	09-0.2247.022	0.2172.012	01-46648-3	0.0279.301	01-46798-2	01-36046	0.3431.742	-	
10-24689-01	F4B-19 12V	09-46600	09-824P-9	-	-	0.2233.007	0.2173.476	01-42398	0.0279.501	-	-	-	-	01-24676-01
10-24689-02	F4B-19 24V	09-46600	09-824P-9	-	-	0.2233.007	0.2173.476	01-42398	0.0279.501	-	-	-	-	01-24676-02
10-24689-03	F4B-1907 12V	09-46600	09-824P-9	-	-	0.2233.007	0.2173.476	01-42398	0.0279.501	-	-	-	-	01-24676-01
10-24689-04	F4B-1907 24V	09-46600	09-824P-9	-	-	0.2233.007	0.2173.476	01-42398	0.0279.501	-	-	-	-	01-24676-02
10-24690-01	F4B-11 12V BSP	-	09-824P-1	-	-	0.2233.007	0.2173.476	01-42398	0.0279.501	-	-	-	-	01-24676-01
10-24690-02	F4B-11 24V BSP	-	09-824P-1	-	-	0.2233.007	0.2173.476	01-42398	0.0279.501	-	-	-	-	01-24676-02
10-24690-03 01-24676-01	F4B-11 12V NPTF		-	09-824P-1	-	-	0.2233.007	0.2173.476	01-42398	0.0279.501	-	-	-	-
10-24690-04 01-24676-02	F4B-11 24V NPTF		-	09-824P-1	-	-	0.2233.007	0.2173.476	01-42398	0.0279.501	-	-	-	-
10-24707-01	F35B-902	-	09-808B-1*	01-42415	01-46794-10	0.2233.010	01-43240	01-43239	0.0279.501	01-45087	01-45543	0.3431.441	-	
10-24727-01	F38B-19 12V	09-46600	09-824P-9	-	-	0.2233.007	0.2173.476	01-42398	0.0279.501	-	-	-	-	01-35285-01
10-24727-02	F38B-19 24V	09-46600	09-824P-9	-	-	0.2233.007	0.2173.476	01-42398	0.0279.501	-	-	-	-	01-35285-02
10-24727-03	F38B-1907 12V	09-46600	09-824P-9	-	-	0.2233.007	0.2173.476	01-42398	0.0279.501	-	-	-	-	01-35285-01
10-24727-04	F38B-1907 24V	09-46600	09-824P-9	-	-	0.2233.007	0.2173.476	01-42398	0.0279.501	-	-	-	-	01-35285-02
10-24734-04 Customer branded	F4B-9	-	09-810B-1*	-	-	0.2233.010	0.2173.476	01-46007-3	0.0141.700	-	01-36127	0.3431.748	-	
10-24734-05 Customer branded	F4B-9	-	09-810B-1*	-	-	0.2233.010	0.2173.476	01-46007-2	0.0141.700	-	01-36127	0.3431.748	-	
10-24748-01 Customer branded	F7B-9	-	09-1028B	01-46899	0.0279.033	09-0.2247.022	0.2172.012	01-46648-3	0.0279.301	01-46798-2	01-36046	0.3431.742	-	
10-24749-01 Customer branded	F4B-9	-	09-810B-1*	01-45084	01-46794-10	09-0.2247.021	0.2173.476	01-46007-2	0.0279.300	01-46737-2	Cust.branded	0.3431.748	0.2234.021	
10-24751-01 Customer branded	F4B-903	-	09-1026B-1*	01-45288	01-46794-03	0.2233.010	01-45284	01-45600	0.0279.300	-	01-46492	0.3431.441	-	

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

		A	1	2	3	4	5	6	7	8	9	10	11	
Part no.	Pump type	Service kit	Impeller	Cam	Camscrew	Seal	Gasket	Endcover	Endcover screw	Wearplate	Shaft	Bearing	Bearing seal	Clutch or Motor
10-24752-01 Customer branded	F4B-9	-	09-1026B-1*	01-42389	01-46794-03	0.2233.010	01-45284	01-45600	0.0279.300	-	01-46491	0.3431.441	-	
10-24753-01 Customer branded	F7B-9	-	09-1028B	01-46899	0.0279.033	09-0.2247.022	0.2172.012	01-46648-3	0.0279.301	01-46798-2	01-36141	0.3431.742	-	
10-24760-01	F3B-19 12V	-	09-843S-9	-	-	0.2233.007	0.2173.436	01-43141	0.0279.501	-	-	-	-	04-24757-01
10-24760-01	F3B-19 12V	-	09-843S-9	-	-	0.2233.007	0.2173.436	01-43141	0.0279.501	-	-	-	-	04-24757-02
10-31917-1 Obsolete, repl. by 10-35098-2	F4B-9	09-45904	09-1026B-1*	01-42389	01-46794-04	0.2233.005	01-42391	01-42388-1	01-46794-03	-	Obsolete	-	-	-
10-31934-1 Obsolete, repl. by 10-35157-3	F4B-9	-	09-806B-1*	01-42415	01-46794-03	0.2233.005	01-42417	Obsolete	01-46794-10	-	Obsolete	-	-	-
10-32058-1	F5B-9	09-45913	09-801B-1*	01-42397	01-46794-05	0.2233.001	01-42636	01-32064	01-46794-04	01-42399	01-42644	-	-	-
10-32256-1	F5B-9	09-45583	09-1027B-1*	01-42397	01-46794-05	09-0.2247.050	01-42401	01-42398	01-46794-04	01-42399	01-42756	0.3431.482	0.2233.001 ***	-
10-32280-1 Obsolete, repl. by 10-35157-3	F35B-9	09-45167	09-806B-1*	01-42910	01-46794-03	0.2233.005	01-42911	Obsolete	01-46794-10	-	Obsolete	-	-	-
10-32388-1 Obsolete	F35B-9	-	09-806B-1*	01-42415	01-46794-03	0.2233.005	01-42417	Obsolete	01-46794-10	-	Obsolete	-	-	-
10-32412-1 Obsolete, repl. by 10-35157-3	F35B-9	-	09-808B-1*	01-42910	01-46794-03	0.2233.010	01-43240	01-43239	01-46794-10	-	01-45175	01-43131	-	-
10-32412-2 Obsolete, repl. by 10-35157-4	F35B-902	-	09-808B-1*	01-42415	01-46794-03	0.2233.010	01-43240	01-43239	01-46794-10	-	01-45175	01-43131	-	-
10-32415-1 Obsolete, repl. by 10-35157-3	F35B-9	-	09-806B-1*	01-42910	01-46794-03	0.2233.005	01-42911	Obsolete	01-46794-10	-	Obsolete	-	-	
10-32579-1	F3P10	-	09-1052S-9*	-	-	-	-	-	-	-	-	-	-	-
10-32588-1 Obsolete	F4B-9	09-45904	09-1026B-1*	01-42389	01-46794-04	0.2233.005	01-42391	01-42388-1	01-46794-03	-	Obsolete	-	-	-
10-32603-1 Obsolete	F5B-9	09-45913	09-801B-1*	01-42397	01-46794-05	0.2233.001	01-42401	01-42398	0.0141.500	-	Obsolete	Obsolete	-	-
10-32621-1 Obsolete, repl. by 10-32621-3	F5B-902	09-45913	09-801B-1*	01-45014	0.0279.032	0.2233.001	01-45930	01-45021	0.0141.901	-	01-45022	01-45023	-	-
10-32621-2	F5B-9	09-45913	09-801B-1*	01-42397	01-46794-05	0.2233.001	01-45930	01-45021	0.0141.901	-	01-45022	01-45023	-	-
10-32621-3	F5B-902	09-45913	09-801B-1*	01-45014	0.0279.032	0.2233.001	01-45930	01-45021	0.0141.901	-	01-45022	01-45023	-	-

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

Part no.	Pump type	A Service kit	1 Impeller	2 Cam	3 Camscrew	4 Seal	5 Gasket	6 Endcover	7 Endcover screw	8 Wearplate	9 Shaft	10 Bearing	11 Bearing seal	Clutch or Motor
10-35015-1 Obsolete, repl. by 10-35157- (Customer branded)	F35B-9	09-45589	09-808B-1*	01-42910	01-46794-03	0.2233.010	01-43240	Cust.brand.	0.0279.300	-	01-45175	01-43131	-	-
10-35015-2	F35B-9	09-45589	09-808B-1*	01-42910	01-46794-03	0.2233.010	01-43240	01-43239	0.0279.300	-	01-45175	01-43131	-	-
10-35015-3 Obsolete, repl. by 10-35157-3	F35B-9	09-45589	09-808B-1*	01-42910	01-46794-03	0.2233.010	01-43240	01-43239	0.0279.300	-	01-45175	01-43131	-	-
10-35024-1 Obsolete, repl. by 10-35098-2	F4B-9	09-45904	09-1026B-1*	01-42389	01-46794-04	0.2233.005	01-42391	01-42388-1	01-46794-03	-	Obsolete	-	-	-
10-35038-1	F35B-8	09-45589	09-808B-1*	01-42910	01-46794-03	0.2233.010	01-43240	01-43239	0.0279.300	01-45087	01-45069	0.3431.748	-	-
10-35038-2 Obsolete	F35B-802	09-45589	09-808B-1*	01-42415	01-46794-10	0.2233.010	01-43240	01-43239	0.0279.300	01-45087	01-45069	0.3431.748	-	-
10-35038-3 Obsolete	F35B-8	09-45589	09-808B-1*	01-42910	01-46794-03	0.2233.010	01-43240	01-43239	0.0141.500	01-45087	Obsolete	0.3431.748	-	-
10-35038-4 Obsolete, repl. by 10-35038-41	F35B-8007	09-45589	09-808B-1*	01-42415	01-46794-10	0.2233.010	01-43240	01-43239	0.0141.500	01-45087	01-45069	0.3431.748	-	-
10-35038-5	F35B-8027	09-45589	09-808B-1*	01-42415	01-46794-10	0.2233.010	01-43240	01-43239	0.0141.500	01-45087	01-45069	0.3431.748	-	
10-35038-6 Obsolete	F35B-802	09-45589	09-808B-1*	01-42415	01-46794-10	0.2233.010	01-43240	01-43239	0.0141.500	01-45087	Obsolete	0.3431.748	-	-
10-35038-7 Obsolete, repl. by 10-35038-9	F35B-8027	09-45589	09-808B-1*	01-42415	01-46794-10	0.2233.010	01-43240	01-43239	0.0141.700	01-45087	01-45069	0.3431.748	-	-
10-35038-8 Obsolete	F35B-8	09-45589	09-808B-1*	01-42910	01-46794-03	0.2233.010	01-43240	01-46675	0.0141.700	01-46676	01-45069	0.3431.748	-	-
10-35038-9 Customer branded	F35B-8007	09-45589	09-808B-1*	01-42910	01-46794-03	0.2233.010	01-43240	01-43239	0.0141.700	01-45087	01-45069-2	0.3431.748	-	-
10-35038-41	F35B-8007	09-45589	09-808B-1*	01-42415	01-46794-10	0.2233.010	01-43240	01-43239	0.0141.500	01-45087	01-46416	0.3431.748	-	-
10-35039-1 Obsolete	F35B-9	-	09-806B-1*	01-42910	01-46794-03	0.2233.010	01-43240	01-43239	0.0279.501	-	Obsolete	01-43131	-	-
10-35052-1 Obsolete	F35B-9	09-45589	09-808B-1*	01-42910	01-46794-03	0.2233.010	01-43240	01-43239	0.0279.501	01-45087	01-45098	0.3431.748	-	-
10-35055-1 Customer branded	F2P10-19 12V	09-45594	09-1077B-9*	-	-	0.2233.402	0.2172.506	21-4945	0.0140.001	21-4944**** 21-4946*****	-	-	-	01-35285-01 01-35285-02
10-35055-2 Customer branded	F2P10-19 24V	09-45594	09-1077B-9*	-	-	0.2233.402	0.2172.506	21-4945	0.0140.001	21-4944**** 21-4946*****	-	-	-	

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

		A	1	2	3	4	5	6	7	8	9	10	11	
Part no.	Pump type	Service kit	Impeller	Cam	Camscrew	Seal	Gasket	Endcover	Endcover screw	Wearplate	Shaft	Bearing	Bearing seal	Clutch or Motor
10-35058-1 Obsolete	F4B-9	09-45904	09-1026B-1*	01-42389	01-46794-04	0.2233.005	01-42391	01-42388-1	0.0279.501	-	Obsolete	-	-	-
10-35064-1	F4B-9	09-45904	09-1026B-01* 09-1026B-1*	01-42389	01-46794-03	0.2233.005	01-42391	01-42388-1	01-46794-03	-	01-45111	-	-	-
10-35065- Obsolete, repl. by 10-35157-3 + 10-2414	F35B/F35B-9	- 3-1	09-808B-1*	01-42910 0.2233.200	01-46794-03 01-45400	0.2233.010	01-43240	01-43239	0.0141.500	01-45087	Obsolete	01-43131	-	-
10-35066- Obsolete, repl. by 10-35157-3 + 10-2414	F35B/F35B-9	09-45894 3-1	09-808B-1* F35B-9	01-42910	01-46794-03	0.2233.010	01-43240	01-43239	0.0141.500	01-45087	Obsolete	01-43131	-	-
10-35067-1 Obsolete	F5B-9	09-45913	09-801B-1*	01-42397	01-46794-05	0.2233.001	01-42401	Obsolete	0.0141.500	-	Obsolete	Obsolete	-	-
10-35087-1 Obsolete	F4B-9	09-45905	09-1026B-1*	01-42389	01-46794-04	0.2233.010	01-42391	01-42388-1	0.0279.501	-	Obsolete	-	-	-
10-35088-1 Obsolete, repl. by 10-35157-	F35B-9 (Customer branded)	09-45589	09-808B-1*	01-42910	01-46794-03	0.2233.010	01-43240	01-43239	0.0279.501	-	01-45175	01-43131	-	-
10-35088-2 Obsolete, repl. by 10-35157-3	F35B-902	09-45589	09-808B-1*	01-42415	01-46794-03	0.2233.010	01-43240	01-43239	0.0279.501	-	01-45175	01-43131	-	-
10-35088-3 Obsolete, repl. by 10-35157-3	F35B-9	09-45589	09-808B-1*	01-42910	01-46794-03	0.2233.010	01-43240	01-43239	0.0279.501	-	01-45175	01-43131	-	-
10-35091-1 Obsolete	F35B-9	09-45589	09-808B-1*	01-42910	01-46794-03	0.2233.010	01-43240	01-43239	0.0279.501	01-45087	01-45193	0.3431.441	0.2233.010 ***	-
10-35091-2 Obsolete	F35B-902	09-45589	09-808B-1*	01-42415	01-46794-10	0.2233.010	01-43240	01-43239	0.0279.501	01-45087	01-45193	0.3431.441	0.2233.010 ***	-
10-35091-3 Obsolete	F35B-902	09-45589	09-808B-1*	01-42415	01-46794-10	0.2233.010	01-43240	01-43239	0.0279.501	01-45087	01-45193	0.3431.441	0.2233.010 ***	-
10-35094-1 Obsolete	F4B-9	-	09-1026B-1*	01-42389	01-46794-04	Obsolete	01-42391	01-42388-1	0.0279.501	-	Obsolete	-	-	-
10-35098-1 Customer branded	F4B-9	09-45905	09-1026B-1*	01-42389	01-46794-03	0.2233.010	01-45284	01-45282	0.0279.501	-	01-45235	0.3431.441	0.2233.010 ***	-
10-35098-2	F4B-9	09-45905	09-1026B-1*	01-42389	01-46794-03	0.2233.010	01-45284	01-45282	0.0279.501	-	01-45235	0.3431.441	0.2233.010 ***	-
10-35098-3	F4B-9	09-45905	09-1026B-1*	01-42389	01-46794-03	0.2233.010	01-45284	01-45282	0.0279.501	-	01-45235	0.3431.441	0.2233.010 ***	-
10-35098-4	F4B-9	09-45905	09-1026B-1*	01-42389	01-46794-03	0.2233.010	01-45284	01-45282	0.0279.501	-	01-45235	0.3431.441	0.2233.010 ***	-
10-35100-1	F5B-9	09-45585	09-1027B-1*	01-42397	01-46794-05	0.2233.001	01-42401	01-42398	0.0279.500	01-42399	01-45187	0.3431.761	-	-
10-35115-1 Obsolete, can be replaced by 10-35333-01 + 2 pcs clamp 01-43238	F4B-9	09-45587	09-810B-1*	01-42389	01-46794-03	0.2233.010	01-45284	01-45282	0.0279.501	-	01-45193	0.3431.441 ***	0.2233.010	-

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

Part no.	Pump type	A Service kit	1 Impeller	2 Cam	3 Camscrew	4 Seal	5 Gasket	6 Endcover	7 Endcover screw	8 Wearplate	9 Shaft	10 Bearing	11 Bearing seal	Clutch or Motor
10-35115-2 Obsolete, can be replaced by 10-35333-01 + 2 pcs clamp 01-43238	F4B-903	09-45587	09-810B-1*	01-45288	01-46794-03	0.2233.010	01-45284	01-45282	0.0279.501	-	01-45193	0.3431.441 ***	0.2233.010	-
10-35118-1	F35B-9	09-45589	09-808B-1*	01-42910	01-46794-03	0.2233.010	01-43240	01-43239	0.0279.501	-	01-45175	-	-	-
10-35118-2	F35B-9	09-45589	09-808B-1*	01-42910	01-46794-03	0.2233.010	01-43240	01-43239	0.0279.501	-	01-45175	-	-	-
10-35122-1 Obsolete, repl. by 10-35211-3	F35B-9	09-45589	09-808B-1*	01-42910	01-46794-03	0.2233.010	01-43240	01-43239	0.0279.501	-	01-45322	-	-	-
10-35124-1	C1AL-3	-	01-35130	-	-	0.2233.010	0.2172.024	01-24150	0.0141.906	-	01-45361	0.3431.748	-	-
10-35124-2 Not in production	C1AL-3	-	01-35130	-	-	0.2233.010	0.2172.024	01-24150	0.0141.906	-	01-45361	0.3431.748	-	-
10-35124-3	C1AL-3	-	01-35130	-	-	0.2233.010	0.2172.024	01-24150	0.0141.906	-	01-45361	0.3431.748	-	-
10-35127-1	F4B-9	09-45587	09-810B-1*	01-42389	01-46794-03	0.2233.010	01-45284	01-45282	0.0279.501	-	01-45353	0.3431.441	0.2233.010 ***	-
10-35127-2 Not in production	F4B-9	09-45587	09-810B-1*	01-42389	01-46794-03	0.2233.010	01-45284	01-45282	0.0279.501	-	01-45353	0.3431.748	0.2233.010 ***	-
10-35127-3	F4B-9	-	09-810B-1*	01-42389	01-46794-03	0.2233.251	01-45284	01-46707	0.0279.501	-	01-46700	0.3431.441	0.2233.010 ***	
10-35127-4	F4B-9	-	09-810B-1*	01-45288	01-46794-03	0.2233.010	01-45284	01-46707	0.0279.501	-	01-46700	0.3431.441	0.2233.010 ***	
10-35141-1	F35B-9	-	09-808B-1*	01-42910	01-46794-03	-	01-43240	01-45359	0.0141.500	01-45087	01-45360	01-45110	-	-
10-35141-2	F35B-902	-	09-808B-1*	01-42415	01-46794-10	-	01-43240	01-45359	0.0141.500	01-45087	01-45360	01-45110	-	-
10-35142-1	F4B-9	-	09-810B-1*	01-42389	01-46794-04	-	01-42391	01-42388-2	0.0141.500	-	01-45398	01-45397	-	-
10-35142-2	F4B-903	-	09-810B-1*	01-45288	01-46794-03	-	01-42391	01-42388-2	0.0141.500	-	01-45398	01-45397	-	-
10-35157-1	F35B-9	09-45589	09-808B-1*	01-42910	01-46794-03	0.2233.010	01-43240	01-43239	0.0279.501	01-45087	01-45556	0.3431.441	0.2233.010 ***	-
10-35157-2	F35B-902	09-45589	09-808B-1*	01-42415	01-46794-10	0.2233.010	01-43240	01-43239	0.0279.501	01-45087	01-45556	0.3431.441	0.2233.010 ***	-
10-35157-3	F35B-9	09-45589	09-808B-1*	01-42910	01-46794-03	0.2233.010	01-43240	01-43239	0.0279.501	01-45087	01-45556	0.3431.441	0.2233.010 ***	-
10-35157-4	F35B-902	09-45589	09-808B-1*	01-42415	01-46794-10	0.2233.010	01-43240	01-43239	0.0279.501	01-45087	01-45556	0.3431.441	0.2233.010 ***	-
10-35157-5 Customer branded	F35B-9	09-45589	09-808B-1*	01-42910	01-46794-03	0.2233.010	01-43240	Cust.brand.	0.0279.501	01-45087	01-45556	0.3431.441	0.2233.010 ***	-
10-35157-6	F35B-9	09-45589	09-808B-1*	01-42910	01-46794-03	0.2233.010	01-43240	01-43239	0.0279.501	01-45087	01-45556	0.3431.441	0.2233.010 ***	-

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

		A	1	2	3	4	5	6	7	8	9	10	11	
Part no.	Pump type	Service kit	Impeller	Cam	Camscrew	Seal	Gasket	Endcover	Endcover screw	Wearplate	Shaft	Bearing	Bearing seal	Clutch or Motor
10-35157-7 Obsolete	F35B-902	09-45589	09-808B-1*	01-42415	01-46794-10	0.2233.010	01-43240	01-43239	0.0279.501	01-45087	01-45556	0.3431.441	0.2233.010 ***	-
10-35157-8 Customer branded	F35B-9	09-45589	09-808B-1*	01-42910	01-46794-03	0.2233.010	01-43240	01-43239	0.0279.501	01-45087	01-45556	0.3431.441	0.2233.010 ***	-
10-35157-9	F35B-9 NPTF	-	09-808B-1*	01-42910	01-46794-03	0.2233.010	01-43240	01-43239	0.0279.501	01-45087	01-45556	0.3431.441	0.2233.010 ***	
10-35161-1	F4B-9	09-45587	09-810B-1*	01-42389	01-46794-03	0.2233.010	01-45284	01-45282	0.0279.501	-	01-45832	0.3431.441	0.2233.010 ***	-
10-35167-1	F4B-9	09-45587	09-810B-1*	01-42389	01-46794-03	0.2233.010	01-45284	01-45282	0.0279.501	-	01-45569	0.3431.441	0.2233.010 ***	-
10-35167-2 Obsolete	F4B-902	09-45587	09-810B-1*	01-45084	0.0279.501	0.2233.010	01-45284	01-45282	0.0279.501	-	01-45569	0.3431.441	0.2233.010 ***	-
10-35167-3 Obsolete	F4B-903	09-45587	09-810B-1*	01-45288	01-46794-03	0.2233.010	01-45284	01-45282	0.0279.501	-	01-45569	0.3431.441	0.2233.010 ***	-
10-35180-1 Obsolete	F5B-8021	09-45585	09-1027B-1*	01-45014	0.0279.032	0.2233.001	01-42401	01-42398	0.0279.500	-	Obsolete	0.3431.742	-	-
10-35180-2 Obsolete	F5B-8001	09-45585	09-1027B-1*	01-42397	01-46794-05	0.2233.001	01-42401	01-42398	0.0279.500	-	Obsolete	0.3431.742	-	-
10-35187-1	F35B-9	09-45589	09-808B-1*	01-42910	01-46794-03	0.2233.010	01-43240	01-43239	0.0279.501	01-45087	01-45669	0.3431.441	0.2233.010 ***	-
10-35187-2	F35B-9	09-45589	09-808B-1*	01-42910	01-46794-03	0.2233.010	01-43240	01-43239	0.0279.501	01-45087	01-45669	0.3431.748	0.2233.010 ***	-
10-35187-3	F35B-9	09-45589	09-808B-1*	01-42910	01-46794-03	0.2233.010	01-43240	01-43239	0.0279.501	01-45087	01-45669	0.3431.748	0.2233.010 ***	-
10-35187-4	F35B-9	09-45589	09-808B-01* 09-808B-1*	01-42910	01-46794-03	0.2233.010	01-43240	01-43239	0.0141.700	01-45087	01-45669	0.3431.441	0.2233.010	
10-35205-01	F4B-9	-	09-810B-1*	01-42389	01-46794-04	-	01-42391	01-42388-2	01-46794-12	-	01-45709	01-45397	-	-
10-35205-02	F4B-903	-	09-810B-1*	01-45288	01-46794-03	-	01-42391	01-42388-2	01-46794-12	-	01-45709	01-45397	-	-
10-35205-1 Obsolete, repl by 10-35205-01	F4B-9	-												
10-35205-2 Obsolete, repl by 10-35205-02	F4B-903	-												
10-35211-1	F35B-9	09-45589	09-808B-1*	01-42910	01-46794-03	0.2233.010	01-43240	01-43239	0.0279.501	01-45087	01-45751	0.3431.441	0.2233.010 ***	-

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

Part no.	Pump type	A Service kit	1 Impeller	2 Cam	3 Camscrew	4 Seal	5 Gasket	6 Endcover	7 Endcover screw	8 Wearplate	9 Shaft	10 Bearing	11 Bearing seal	Clutch or Motor
10-35211-2	F35B-902	09-45589	09-808B-1*	01-42415	0.0279.501	0.2233.010	01-43240	01-43239	0.0279.501	01-45087	01-45751	0.3431.441 ***	0.2233.010	-
Not in production														
10-35211-3	F35B-9	09-45589	09-808B-1*	01-42910	01-46794-03	0.2233.010	01-43240	01-43239	0.0279.501	01-45087	01-45353	0.3431.441	0.2233.010 ***	-
10-35211-4	F35B-902	09-45589	09-808B-1*	01-42415	0.0279.501	0.2233.010	01-43240	01-43239	0.0279.501	01-45087	01-45353	0.3431.441	0.2233.010 ***	-
Not in production														
10-35211-5	F35B-9	09-45589	09-808B-1*	01-42910	01-46794-03	0.2233.010	01-43240	01-43239	0.0141.500	01-45087	01-45751	0.3431.748	0.2233.010	-
10-35216-1	F4B-9	09-45905	09-810B-1*	01-42389	01-46794-03	0.2233.010	01-45284	01-45282	0.0141.700	-	01-45762	0.3431.441	0.2233.010 ***	
Obsolete														
10-35231-1	F5B-9	09-45585	09-1027B-1*	01-42397	01-46794-05	0.2233.001	01-42401	01-42398	0.0279.500	01-42399	01-45187	0.3431.761	-	-
10-35240-1	F4B-9	09-45587	09-810B-1*	01-42389	01-46794-03	0.2233.010	01-45284	01-45282	0.0279.501	-	01-45569	0.3431.441	0.2233.010 ***	-
10-35241-1	F4B-9	09-45587	09-810B-1*	01-42389	01-46794-03	0.2233.010	01-45284	01-45282	0.0279.501	-	01-45556	0.3431.441	0.2233.010 ***	-
10-35241-2	F4B-902	09-45587	09-810B-1*	01-45084	0.0279.501	0.2233.010	01-45284	01-45282	0.0279.501	-	01-45556	0.3431.441	0.2233.010 ***	-
10-35265-1 Obsolete	F4B-9	09-45587	09-810B-1*	01-42389	01-46794-04	-	01-42391	01-42388-2	0.0141.500	-	01-45398	01-45397	-	-
10-35271-01	F4B-9	09-45587	09-810B-1*	01-42389	01-46794-03	0.2233.010	01-45284	01-45282	0.0279.501	-	01-45950	0.3431.441	0.2233.010 ***	-
10-35288-01 Obsolete	F35B-9	09-45589	09-808B-1*	01-42910	01-46794-03	0.2233.010	01-43240	01-43239	0.0279.501	01-45087	01-45993	0.3431.441	0.2233.010 ***	-
10-35288-02 Obsolete	F35B-902	09-45589	09-808B-1*	01-42415	01-46794-10	0.2233.010	01-43240	01-43239	0.0279.501	01-45087	01-45993	0.3431.441	0.2233.010 ***	-
10-35327-01 Not in production	F5B-9	09-45585	09-1027B-1*	01-42397	01-46794-05	0.2233.001	01-42401	01-42398	0.0279.500	01-42399	01-46085	0.3431.761	-	-
10-35327-02 Not in production	F5B-902	09-45585	09-1027B-1*	01-45014	0.0279.032	0.2233.001	01-42401	01-42398	0.0279.500	01-42399	01-46085	0.3431.761	-	-
10-35327-03	F5B-903	09-45585	09-1027B-1*	01-45976	01-46794-05	0.2233.001	01-42401	01-42398	0.0279.500	01-42399	01-46085	0.3431.761	-	-

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Johnson Flexible Impeller Pumps

		A	1	2	3	4	5	6	7	8	9	10	11	
Part no.	Pump type	Service kit	Impeller	Cam	Camscrew	Seal	Gasket	Endcover	Endcover screw	Wearplate	Shaft	Bearing	Bearing seal	Clutch or Motor
10-35333-01	F4B-9	09-45587	09-810B-1*	01-42389	01-46794-03	0.2233.010	01-45284	01-45282	0.0279.501	-	01-45193	0.3431.441	0.2233.010 ***	-
10-35355-01	F4B-9	09-45587	09-810B-1*	01-42389	01-46794-03	0.2233.010	01-45284	01-45282	0.0279.300	-	01-46167	0.3431.441	0.2233.010 ***	-
10-35725-01	F4B-9	09-45587	09-810B-1*	01-42389	01-46794-03	0.2233.010	01-45284	01-45282	0.0141.700	-	01-46460	0.3431.441	0.2233.010 ***	-
10-35731-01	F35B/F35B-9													
10-36006-01 Customer branded	F4B-9	-	09-810B-1*	01-42389	01-46794-03	09-0.2247.021	0.2173.476	01-46007-2	0.0141.700	01-46737-2	01-47065	0.3431.441	-	
10-42864-1 Obsolete	F5B-9	09-45913	09-801B*	01-42397	01-46794-05	0.2233.001	01-42401	Obsolete	01-46794-04	01-42399	Obsolete	-	-	-
20-4941-02 Obsolete	F2P10-220V	09-45594	09-1077B-9*	-	-	0.2233.402/ 0.0357.002	0.2172.506	21-4945	0.0140.001	21-4944 **** 21-4946 *****	-	-	-	Obsolete

A *- parts no. 1, 4, 5, 7 included* * *- gasket included* ** *- shaft drive end* *** *- included in service kit* **** *- back* ***** *- front*

Engine reference list

Engine reference list

A
Ailsa Craig 525
Alaska Diesel 525
Albin Motor 525
Allis Chalmers 525
Ameco Peninsula 525
American Diesel 525
Arona 525
ARS Marine 525

B
Barnes Brinkcraft 525
Bayliner 526
Bedford 526
Beta Marine 526
Blaxland 526
BMW 526
Bomac Marine 526
British Leyland 527
Bukh (Aabenraa) 527
Burioli 527

C
C-Power 527
Caterpillar 528
CMD 528
CT Marine 528
Cummins 528

D
DAF 529
Deere, John 529
Detroit Diesel 529
Diecon 529
Diesel Auto Marin 530
Direct Power Ind. 530
Dolphin Marine 530
Drinkward Motoren 530
DTN-Dieseltechniek 530
Ducati 530

E
Ekstroem 531
Engel, Max 531
Entec West 531

F
F J Fay 531
Farymann 531
Fast Freeze Refr. 532
Fischer Panda 532
Flagship 532
Flamme 532
FNM Diesel 532
Ford 532
Ford Lehman 533
Fredrikstad Motor 533

G
Grassetti 533
Gustavsson Motor, N 533

H
Hardin 533
Hendy Lennox 533
Herald Marine 533
HFL 533
High Power Marine 533
Hino Motors 534
Hydromarine 534

I
Icemaster…see Fischer Panda 534
Indmar 534
Indu Marin 534
Industrimotor 534
Iveco-Aifo 534

K
KOHLER 535
KTT Motor 535

L
Lehman 535
Lister Petter 535
Lombardini 535
Lugger 536

M
M.A.N. 536
Mandals Motorfabrik 536
Marine Craft 536
Marine Exhaust 536
Marine Power 536
Matra 537
Meakes, JG 537
Mercedes 537
Mercraft 537
Mercury Marine 537
Mermaid Marine 537
Mitsubishi 537
Motor Marine Devon 537
Motor og Prop.teknik 537
MTU 537

N
N.E. Ford 538
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Nanni 538
Nedalo 538
Norfolk Marine 539

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U
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V
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Vetus den Ouden 543
VM Motori 544
Volvo Penta 545
Vythoulcas 549

W
Watermota 549
Westerbeke 550

Y
Yamaha 550
Yanmar 550
York Power 550

Z
Zenith/Isuzu 550

Manufacturer	Engine Description	JP Pump art. no.	Note	Mounting	JP Impeller art. no.
A					
Ailsa Craig	RF4	10-24070-1		Foot	09-1028B
	RK-Series	10-24070-1		Foot	09-1028B
	RA6	10-24014-1		Flange	09-1028B
	RAB6	10-24209-1		Foot	09-1028B
Alaska Diesel	L6414A	10-24232-1		Flange	09-812B-1
	M4219, L4219	10-24228-1		Flange	09-1027B-1
	M4239, L4239	10-24228-1		Flange	09-1027B-1
	M4276, L4276	10-24228-1		Flange	09-1027B-1
	M439, L439	10-24228-1		Flange	09-1027B-1
	M445, L445	10-24228-1		Flange	09-1027B-1
	M6140A, L6140A	10-24430-01		Flange	09-814B
	M6414, L6414	10-24228-1		Flange	09-1027B-1
	M643	10-24335-01		Flange	09-810B-1
	M668, L668	10-24228-1		Flange	09-1027B-1
	M673	10-24335-01		Flange	09-810B-1
Albin Motor	G62/G62T	10-13021-1		Foot	09-819B
Allis Chalmers	60-AMR-273	10-24070-1		Foot	09-1028B
Ameco Peninsula	V8-379T	10-24316-01		Flange	09-812B-1
American Diesel	4 cyl	10-24140-5		Flange	09-1027B-1
	6 cyl	10-24139-5		Flange	09-1028B
Arona	AD 182L/M	10-35038-2		Foot	09-808B-1
	AD 185M	10-35038-2		Foot	09-806B-1
	AD 190	10-35157-3		Flange	09-808B-1
	AD 190/195M	10-35157-3		Flange	09-808B-1
	AD 195M	10-35157-3		Flange	09-808B-1
	AD 195M/R	10-35038-1		Foot	09-808B-1
	AD 290	–		Flange	09-1026B-1
	AD 295 M	10-35157-3		Flange	09-808B-1
	AD 395	–		Flange	09-1026B-1
	AD 395	10-24119-1		Flange	09-1027B-1
	AD 4100M	10-24119-1		Flange	09-1027B-1
	AD 495	–		Flange	09-1026B-1
	AD 495	10-24073-1		Foot	09-1027B-1
	AD 935PM	10-24074-1		Foot	09-810B-1
	AL 186	–		Flange	09-806B-1
	TA 130	–		Flange	09-819B
	TA 200	–		Flange	09-819B
ARS Marine	Mini D600	10-35038-2		Foot	09-806B-1
	2:05	–		Flange	09-1027B-1
B					
Barnes Brinkcraft	2:02	10-24119-6		Flange	09-1027B-1
	2:05	10-24119-6		Flange	09-1027B-1
		10-24073-1		Foot	09-1027B-1

Manufacturer	Engine Description	JP Pump art. no.	Note	Mounting	JP Impeller art. no.
Bayliner	105	10-24253-1		Flange	09-1028B
	W04C-T120/3000	10-24365-02	B)	Flange	09-1028B
	W04D	10-24253-2		Flange	09-1028B
	W06D-T1 250/3000	10-24365-02	B)	Flange	09-1028B
	W06D-T1-11 310/3000	10-24413-02	B)	Flange	09-821B
Bedford	220	10-24210-1		Foot	09-1027B-1
	330	10-24209-1		Foot	09-1028B
Beta Marine	2KC	10-24326-01		Flange	09-810B-1
	BD 722 20 BHP	10-24326-01		Flange	09-810B-1
	BD1005 28 BHP	10-24326-01		Flange	09-810B-1
	Beta 10 - 10hp	10-24629-01		Flange	09-810B-1
	Beta 14 - 13,5hp	10-24629-01		Flange	09-810B-1
	Beta 16 - 16hp	10-24629-01		Flange	09-810B-1
	Beta 20 - 20hp	10-24629-01		Flange	09-810B-1
	Beta 25 - 25hp	10-24629-01		Flange	09-810B-1
	Beta 28 - 28hp	10-24629-01		Flange	09-810B-1
	Beta 35 - 35hp	10-24629-01		Flange	09-810B-1
	Beta 38 - 37,5bhp	10-24629-01		Flange	09-810B-1
	Beta 43 - 43bhp	10-24334-01		Flange	09-1027B-1
	Beta 50 - 50bhp	10-24334-01		Flange	09-1027B-1
	Beta 60 - 58Bhp	10-24334-01		Flange	09-1027B-1
	BF 2803 62 BHP	10-24326-01		Flange	09-810B-1
	BSD 333	10-24244-1		Flange	09-1028B
	BSD 678	10-24244-1		Flange	09-1028B
	BV 1305 32 BHP	–		Flange	09-810B-1
	BV 1505 37.5 BHP	–		Flange	09-810B-1
	BV 1903 43 BHP	–		Flange	09-810B-1
	BV 2203 50 BHP	–		Flange	09-810B-1
	BZ 482 13.5 BHP	–		Flange	09-810B-1
	Dover 2722	10-24139-4		Flange	09-1028B-1
	Dover 2725	10-24139-4		Flange	09-1028B
	Dover 2726 T	10-24139-4		Flange	09-1028B
	Dover 2726 TIM	10-24139-4		Flange	09-1028B
	KC	10-24326-01		Flange	09-810B-1
	KR	10-24326-01		Flange	09-810B-1
	XLD 418	10-24073-1		Foot	09-1027B-1
Blaxland	2 cyl	10-35038-2		Foot	09-808B-1
BMW	410/411	–		Flange	09-1027B-1
	B 130	10-24119-2		Flange	09-1027B-1
	B 190/220	–		Flange	09-1028B
	B 630/635	–		Flange	09-1028B
	D 150/190	10-24127-1		Flange	09-1028B
	D 35/50	10-35333-01+ 2 pcs 01-43238		Flange	09-810B
	D 530TA	10-24127-1		Flange	09-1028B
	D 636TA	10-24127-1		Flange	09-1028B
	D 7/12	10-35091-2		Flange	09-808B-1
Bomac Marine	4 cyl	10-24140-5		Flange	09-1027B-1
	6 cyl	10-24139-5		Flange	09-1028B

Manufacturer	Engine Description	JP Pump art. no.	Note	Mounting	JP Impeller art. no.
British Leyland	1:05	10-24073-1		Foot	09-1027B-1
	1:08	10-24073-1		Foot	09-1027B-1
	2:02	10-24073-1		Foot	09-1027B-1
	2:02	10-24119-6		Flange	09-1027B-1
	2:05	10-24119-6		Flange	09-1027B-1
Bukh (Aabenraa)	1G/2G/3G	10-32256-1		Flange	09-1027B-1
	2G/3G 105M	10-32256-1		Flange	09-1027B-1
	4K 105M	–		Flange	09-1028B
	6K 105M	–		Flange	09-1028B
	DV 10 LME/LSME	10-35157-3		Flange	09-808B-1
	DV 10 M	-		Flange	09-806B-1
	DV 10 M	10-35157-3		Flange	09-808B-1
	DV 10 ME/SME	10-35118-1 (10-35157-3)	!	Flange	09-808B
	DV 10 ME/SME	10-35157-3		Flange	09-808B-1
	DV 10 ME/SME	10-35241-1		Flange	09-810B-1
	DV 18 LME/LSME	10-35118-1 (10-35157-3)	!	Flange	09-808B-1
	DV 20	–		Flange	09-806B
	DV 20 M	–		Flange	09-806B-1
	DV 20 M	10-35157-3		Flange	09-808B-1
	DV 20 ME/SME	10-35064-1		Flange	09-1026B
	DV 20 ME/SME	10-35241-1		Flange	09-1026B-1
	DV 20 ME/SME	10-35118-1 (10-35157-3)	!	Flange	09-808B-1
	DV 24 ME/SME	10-35064-1		Flange	09-1026B
	DV 24 ME/SME	10-35241-1		Flange	09-1026B-1
	DV 24 ME/SME	10-35157-3		Flange	09-808B-1
	DV 36 ME/SME	10-24131-2		Flange	09-1027B-1
	DV 48 ME/SME	10-24131-2		Flange	09-1027B-1
	DV8 ME/SME	10-35118-1 (10-35157-3)	!	Flange	09-808B-1
Burioli	2725	10-24139-3		Flange	09-1028B
	2401E	10-24140-1		Flange	09-1027B-1
	2726 TM	10-24139-3		Flange	09-1028B
	2728 TIM	10-24139-3		Flange	09-1028B
	XLD Escort	10-24073-1		Foot	09-1027B-1
C					
C-Power	2500	10-24244-1	A)	Flange	09-1028B
	2720	10-24139-1		Flange	09-1028B
	4.450	10-24451-01		Flange	09-1027B-1
	6.675	10-24445-01		Flange	09-1028B
	2722-series 4 cyl	10-24139-4		Flange	09-1028B
	2725-series 6 cyl	10-24139-4		Flange	09-1028B
	3.323/239	–		Flange	09-1027B-1
	4.120 2,2 litre	10-24119-2		Flange	09-1027B-1
	4.18 1,8 litre	10-24073-1		Foot	09-1027B-1
	4.220	–		Flange	09-1027B-1
	4.254	10-24139-1		Flange	09-1028B
	4.442	–		Flange	09-1027B-1
	4.444	10-24244-1		Flange	09-1028B
	4.90 1,5 litre	10-24073-1		Foot	09-1027B-1
	6.216	10-24139-1		Flange	09-1028B
	6.363TC/TCIC	10-24139-1		Flange	09-1028B
	6.380	–		Flange	09-1027B-1

! *Pump art no in brackets = replacement pump* A) *Pump discontinued* B) *Only available to manufacturer* ** with flange* *** without flange*

Manufacturer	Engine Description	JP Pump art. no.	Note	Mounting	JP Impeller art. no.
C-Power cont'd	6.380	10-24139-1		Flange	09-1028B
	6.666	10-24244-1		Flange	09-1028B
	6.78LTT.I.	–		Flange	
	BSD 31	10-24244-1	A)	Flange	09-1028B
	BSD 4	10-24244-1	A)	Flange	09-1028B
	BSD 6 cyl	10-24244-1		Flange	09-1028B
Caterpillar		10-13095-01		Flange	09-802B
		10-13021-1		Foot	09-819B
	3208	10-13021-1		Foot	09-819B
	3208	–		Flange	09-1028B
CMD	ATM100	10-24572-01			09-1028B
	AM45	10-24571-01			09-1027B-1
	HPE170/200/250	10-24127-1			09-1028B
	HP80	10-24230-3			09-1027B-1
CT Marine	1-8	10-24073-1		Foot	09-1027B-1
	10-24119-2	10-24119-2		Flange	09-1027B-1
	2-5 FSE	10-24073-1		Foot	09-1027B-1
	22/2.5	10-24119-6		Flange	09-1027B-1
	4.107/108	10-24119-2		Flange	09-1027B-1
	CT 100	10-35098-4		Flange	09-1026B-1
	CT 115 (6.98)	10-24119-6		Flange	09-1027B-1
	CT 120D	10-24140-1		Flange	09-1027B-1
	CT 150	10-24139-1		Flange	09-1028B
	CT 2000D	10-35098-4		Flange	09-1026B-1
	CT 40D 1,5 litre	10-24073-1		Foot	09-1027B-1
	CT 50	10-35098-4		Flange	09-1026B-1
	CT 50D 1,8 litre	10-24073-1		Flange	09-1027B-1
	CT 60D 2,5 litre	10-24119-6		Flange	09-1027B-1
	CT 80	10-35098-4		Flange	09-1026B-1
	CT 80D	10-24140-1		Flange	09-1027B-1
	Dover 2722	10-24140-1		Flange	09-1027B-1
	Dover 2725	10-24139-1		Flange	09-1028B
	FD 120	–		Flange	09-1027B-1
	FD 2000	–		Flange	09-1026B-1
	FD 80	10-24228-1		Flange	09-1027B-1
	LD 115	10-24119-2		Flange	09-1027B-1
	LD 40	–		Flange	09-1027B-1
	LD 50	–		Flange	09-1027B-1
	LD 60	10-24119-2		Flange	09-1027B-1
	XLD	10-24214-4		Flange	09-810B-1
Cummins	M(T)-855-M	–		Flange	09-819B
	M(TA)855-M	–		Flange	09-819B
	M(TA)855-M	–		Flange	09-819B
	V(T)555M	–		Flange	09-819B
	V(TA)-1710-M	–		Flange	09-819B
	V504M	–		Flange	09-1028B
	V903	–		Flange	09-819B
	VT-555-M-BC	–		Flange	09-819B
	VT8-370-M LH	–		Flange	09-819B
	VT903	–		Flange	09-819B
	VTA903	–		Flange	09-819B

! *Pump art no in brackets = replacement pump* A) *Pump discontinued* B) *Only available to manufacturer* ** with flange* *** without flange*

Manufacturer	Engine Description		JP Pump art. no.	Note	Mounting	JP Impeller art. no.
D						
DAF	D 600		10-24096-3	A)	Flange	09-819B
	D 620		10-13024-5	A)	Foot	09-819B
	DF 615MY		–		Flange	09-1027B-1
	DK 1160MY		10-21915-2		Flange	09-819B
	DKS 1160M		10-24096-4		Flange	09-819B
	DKT 1160		10-24096-2		Flange	09-819B
	DKV 1160M		10-24096-4		Flange	09-819B
	DKVD 1160M		10-24096-4		Flange	09-819B
	DP 680M		–		Flange	09-1028B
	DS 575M		–		Flange	09-1028B
	DT 575MY		10-24209-1		Foot	09-1028B
	DT 615MY		10-24209-1		Foot	09-1028B
Deere, John	4039D and 4045T	RE47016	10-24398-01		Flange	09-1028B
	4039D and 4045T	RE49556	10-24428-01		Crankshaft	09-1028B
	PowerTech 4.5L, 4045DFM70/TFM75	RE503068	10-24398-02		Flange	09-1028B
	PowerTech 4.5L, 4045DFM70/TFM75	RE525563 (Replaces RE503068)	10-24753-01 (Replaces 10-24398-02)		Flange	09-1028B
	Powertech 6.8L 6068TFM75/TFM76	RE525563	10-24753-01		Flange	09-1028B
	Powertech 6.8L 6068TFM75/TFM76	RE503068 (Replaced by RE525563)	10-24398-02 (Replaced by 10-24753-01)		Flange	09-1028B
	RE47016		10-24398-01		Flange	09-1028B
	RE49556		10-24428-01		Flange	09-1028B
Detroit Diesel	653		10-13096-01*/10-13096-02**		Flange	09-819B
	671		10-13096-01*/10-13096-02**		Flange	09-819B
	853		10-13096-01*/10-13096-02**		Flange	09-819B
	671 TI		10-13095-01*/10-13095-02**		Flange	09-814B
	871		10-13095-01*/10-13095-02**		Flange	09-814B
	1271		10-13095-01*/10-13095-02**		Flange	09-814B
Diecon	3TNE78		10-24334-01		Flange	09-1027B-1
	3TNE84-88		10-24334-01		Flange	09-1027B-1
	4TNE84-88		10-24334-01		Flange	09-1027B-1
	4TNE94-98		10-24334-01		Flange	09-1027B-1
	D1105		10-24514-01		Flange	09-810B-1
	D1403		10-24334-01		Flange	09-1027B-1
	D1703		10-24334-01		Flange	09-1027B-1
	D850 (Circ Pump)		10-35211-3		Flange	09-808B-1
	D850 (Raw Water)		10-24341-01		Flange	09-810B-1
	D905		10-24514-01		Flange	09-810B-1
	D950		10-24341-01		Flange	09-810B-1
	ED 33		10-24073-1		Foot	09-1027B-1
	ED 6		10-24277-3		Flange	09-1028B
	F2803		10-24334-01		Flange	09-1027B-1
	FD35		10-24571-01		Foot	09-1027B-1
	FE6		10-24127-1D		Flange	09-1028B
	SD 23		10-24334-01		Flange	09-1027B-1
	TD27		10-24334-01		Flange	09-1027B-1
	V2203		10-24334-01		Flange	09-1027B-1
	VH1200		10-24341-01		Flange	09-810B-1
	Z600 (Circ Pump)		10-35211-3		Flange	09-808B-1
	Z600 (Raw Water)		10-24341-01		Flange	09-810B-1

! Pump art no in brackets = replacement pump A) *Pump discontinued* B) *Only available to manufacturer* ** with flange* *** without flange*

Manufacturer	Engine Description	JP Pump art. no.	Note	Mounting	JP Impeller art. no.
Diesel Auto Marin	Damas	10-24140-1		Flange	09-1027B
Direct Power Ind.	45A1	10-24325-01		Flange	09-819B
Dolphin Marine	2722 4 cyl	10-24140-3		Flange	09-1027B-1
	2725 6 cyl	10-24140-3		Flange	09-1027B-1
	2726TIM 6 cyl	10-24139-3		Flange	09-1028B
	2726TM 6 cyl	10-24139-3		Flange	09-1028B
	Adhara	10-24139-3		Flange	09-1028B
	Altair	10-24073-1		Foot	09-1027B-1
	Altair II	10-24073-1		Foot	09-1027B-1
	Baby Dolphin	10-35098-2		Flange	09-1026B-1
	Escort 1.6	10-24073-1		Foot	09-1027B-1
	FSD 2.5	10-24070-1		Foot	09-1028B
	Hadar II	10-24119-2		Flange	09-1027B-1
	Hydra	–		Flange	09-1026B-1
	Merak	10-24140-3		Flange	09-1027B-1
	Merak II	–		Flange	09-1027B-1
	Nimbus	–		Flange	09-1026B-1
	Saiph	–		Flange	09-1027B-1
	Saiph 3	10-24140-3		Flange	09-1027B-1
	Saiph II	10-24140-3		Flange	09-1027B-1
	Saturn	–		Flange	09-1026B-1
	Sinus	10-35098-2		Flange	09-1026B-1
	Sinus	10-35098-2		Flange	09-1026B-1
	Sirius	10-35098-2		Flange	09-1026B-1
	Super AV	10-35098-2		Flange	09-1026B-1
	Super Saiph 3	10-24139-3		Flange	09-1028B
	Super Saiph II	10-24139-1		Flange	09-1028B
	Vega	10-24070-1		Foot	09-1028B
	Vega II	10-24119-2		Flange	09-1027B-1
Drinkward Motoren	DA475	10-24070-1		Foot	09-1028B
	DD575	10-24070-1		Foot	09-1028B
	DF615	10-24070-1		Foot	09-1028B
	K 3D/4C	10-35100-1		Foot	09-1027B-1
	K2 AS	10-35038-1		Foot	09-808B-1
	KE 75	10-35100-1		Flange	09-1027B-1
	OM 314	10-24210-1		Foot	09-1027B-1
	OM 352	10-24209-1		Foot	09-1028B
	OM 352A	10-24209-1		Foot	09-1028B
	OM 615	10-35100-1		Flange	09-1027B-1
	OM 616/617	10-24127-1		Flange	09-1028B
	OM 621/636	10-35100-1		Flange	09-1027B-1
DTN-Dieseltechniek	DTP 50	10-42864-1	A)	Flange	09-801B
	DTP 62	10-42864-1	A)	Flange	09-801B
	DTR 40/50	10-42864-1	A)	Flange	09-801B
	X4M 88A	10-24119-2		Flange	09-1027B-1
	X6M 88A	–		Flange	09-1028B
Ducati	21S/21S593	10-24073-1		Foot	09-1027B-1
	DM 184	10-35038-1		Foot	09-808B-1
	DM 284	10-35038-1		Foot	09-808B-1
	DM 284 HD78	10-35067-1		Flange	09-801B

! *Pump art no in brackets = replacement pump* A) *Pump discontinued* B) *Only available to manufacturer* ** with flange* *** without flange*

Manufacturer	Engine Description	JP Pump art. no.	Note	Mounting	JP Impeller art. no.
Ducati cont'd	DM 286	10-35157-3		Flange	09-808B-1
	GAE 186	10-35157-3		Flange	09-808B-1
	IS 16/20	10-35157-3		Flange	09-808B-1
	IS 184/186	10-35157-3		Flange	09-808B-1
	IS 284/286	10-35157-3		Flange	09-808B-1
	IS 9/11	10-35157-3		Flange	09-808B-1
E					
Ekstroem	4 DQ50	10-24127-1		Flange	09-1028B
	K 2AS	10-35038-1		Foot	09-808B-1
	K 2C	10-35167-1		Flange	09-810B-1
	K 3E/4E	10-35167-1		Flange	09-810B-1
	K 3M	10-35167-1		Flange	09-810B-1
	KE 75	10-35167-1		Flange	09-810B-1
	S 4E2	10-24127-1		Flange	09-1028B
	S 6E2	10-24127-1		Flange	09-1028B
Engel, Max	A 560-2W	10-35127-1		Flange	09-810B-1
	A 30M	10-35038-1		Foot	09-808B-1
	A 40M	10-35038-1		Foot	09-808B-1
	A 560	10-35187-1		Flange	09-808B-1
	FK 2M	–		Flange	09-808B-1
	FK 3	10-35127-1		Flange	09-810B-1
	FK 600M	–		Flange	09-808B-1
	FK 850	10-35127-1		Flange	09-810B-1
	K 34A/K 34M	10-35187-1		Flange	09-808B-1
	L 30M	10-35038-1		Foot	09-808B-1
	M 560-2W	10-35127-1		Flange	09-810B-1
	M 559-2 W	10-35127-1		Flange	09-810B-1
	M 560-1	10-35187-1		Flange	09-808B-1
	R 30 M	10-24074-1		Foot	09-810B-1
	S 30M	10-24074-1		Foot	09-810B-1
Entec West	4,2 kW	10-35731-01		Flange	09-808B-1
F					
F J Fay	D950	10-24341-01		Flange	09-810B-1
	D905BG2	10-24514-01		Flange	09-810B-1
	2400	10-35211-3		Flange	09-808B-1
	V1902BG2	10-24119-2		Flange	09-1027B-1
	F2803EBG	10-24127-10		Flange	09-1028B
	D850	10-35211-3		Flange	09-808B-1
Farymann	A 30M	10-35038-1		Foot	09-808B-1
	A 40M	10-35038-1		Foot	09-808B-1
	CS	–		Flange	09-1026B-1
	DS/ES/GS	–		Flange	09-806B-1
	FK 2	–		Flange	09-808B-1
	FK 3	10-35127-1		Flange	09-810B-1
	K 30M	–		Flange	09-806B-1
	K 34	10-35038-1		Foot	09-808B-1
	K 34	10-35187-1		Flange	09-808B-1
	K 34	10-24074-1		Foot	09-810B-1

! Pump art no in brackets = replacement pump A) *Pump discontinued* B) *Only available to manufacturer* ** with flange* *** without flange*

Manufacturer	Engine Description	JP Pump art. no.	Note	Mounting	JP Impeller art. no.
Farymann cont'd	L 30M	10-35038-1		Foot	09-808B-1
	P 30M	10-24074-1		Foot	09-810B-1
	R 30M	10-24074-1		Foot	09-810B-1
	S 30M	10-24074-1		Foot	09-810B-1
Fast Freeze Refr.	Model 16	10-35038-2		Foot	09-808B-1
	Model 25	10-35038-1		Foot	09-808B-1
	Model 33	10-24074-1		Foot	09-810B-1
	Model 50	10-24074-1		Foot	09-810B-1
Fischer Panda	Panda 12 000 NE PMS Kubota	10-35127-3		Foot	09-810B-1
	Panda 14 000 Ne PMS Kubota	10-24569-55		Foot	09-808B-1
	Panda 3.8 ND PMS FAR	10-24569-55		Foot	09-808B-1
	Panda 4.5 ND PMS FAR	10-24569-55		Foot	09-808B-1
	Panda 4500 FCB PMS FAR	10-24569-55		Foot	09-808B-1
	Panda 4500 SCB PMS FAR	10-24569-55		Foot	09-808B-1
	Panda 4500 SCE PMS FAR	10-24569-55		Foot	09-808B-1
	Panda 5000 LPE PMS Kubota	10-24569-55		Foot	09-808B-1
	Panda 6000 ND PMS Kubota	10-35127-3		Foot	09-810B-1
	Panda 8000 NE PMS Kubota	10-35127-3		Foot	09-810B-1
	Panda 9000 ND PMS Kubota	10-35127-3		Foot	09-810B-1
	Panda PMS 10 KUB	10-24074-14		Foot	09-1026B-1
	Panda PMS 12 KUB	10-24074-14		Foot	09-1026B-1
	Panda PMS 15 KUB	10-24073-1		Foot	09-1027B-1
	Panda PMS 20 KUB	10-24073-1		Foot	09-1027B-1
	Panda PMS 25 KUB	10-24073-1		Foot	09-1027B-1
	Panda PMS 3 FAR	10-35038-8		Foot	09-80B-1
	Panda PMS 30 KUB	10-24073-1		Foot	09-1027B-1
	Panda PMS 4 FAR	10-35038-8		Foot	09-808B-1
	Panda PMS 40 MB	10-24073-1		Foot	09-1027B-1
	Panda PMS 50 MB	10-24073-1		Foot	09-1027B-1
	Panda PMS 6 KUB	10-24074-14		Foot	09-1026B-1
	Panda PMS 8 KUB	10-24074-14		Foot	09-1026B-1
	FAR = Faryman KUB = Kubota MB = Mercedes Benz				
Flagship	350	10-24228-1		Flange	09-1027B-1
	454	10-24232-1		Flange	09-812B-1
Flamme	D430	10-35038-1		Foot	09-808B-1
FNM Diesel	FNM 1,3 A.T.I.	10-24073-1		Foot	09-1027B-1
Ford	2400	10-22355-1	A)	Flange	09-1027B-1
	2722	10-24140-3		Flange	09-1027B-1
	2723	10-24139-3		Flange	09-1028B
	2725	10-24139-3		Flange	09-1028B
	2401E	10-22355-1	A)	Flange	09-1027B-1
	2700 Turbo	10-24139-1		Flange	09-1028B
	2701E	10-24140-1		Flange	09-1027B-1
	2704E	10-24140-1		Flange	09-1027B-1
	2704ET	10-24140-1		Flange	09-1027B-1
	2704ET	10-24139-1		Flange	09-1028B
	2704ETA	10-24140-1		Flange	09-1027B-1
	2711E	10-24140-1		Flange	09-1027B-1

! *Pump art no in brackets = replacement pump* A) *Pump discontinued* B) *Only available to manufacturer* * *with flange* ** *without flange*

Manufacturer	Engine Description	JP Pump art. no.	Note	Mounting	JP Impeller art. no.
Ford cont'd	2713E	10-24140-1		Flange	09-1027B-1
	2714E	10-24140-1		Flange	09-1027B-1
	2726T	10-24139-3		Flange	09-1028B
	2726TIM	10-24139-3		Flange	09-1028B
	2726TM	10-24139-3		Flange	09-1028B
	2728TIM	10-24139-3		Flange	09-1028B
	BSD 333/444/666	10-24244-1		Flange	09-1028B
	FSD 425	10-24073-1		Foot	09-1027B-1
	FSD 425A Transit	10-24119-2		Flange	09-1027B-1
	FSD 425B	–		Flange	09-1027B-1
	XLD 416 Escort	10-24290-1		Flange	09-810B-1
Ford Lehman	4D50/4D61	10-24119-5		Flange	09-1027B-1
Fredrikstad Motor	S15	10-35157-4		Flange	09-808B-1
	S2/S22	10-32588-1	A)	Flange	09-1026B-1
G					
Grassetti	FM 10	10-35157-3		Flange	09-808B-1
Gustavsson Motor, N	2704 ET	10-24139-3		Flange	09-1028B
	2710-15	10-24140-1		Flange	09-1027B-1
	2722-25	10-24140-1		Flange	09-1027B-1
	2726 TM	10-24139-3		Flange	09-1028B
	2728 TIM	10-24139-3		Flange	09-1028B
H					
Hardin	V8	10-24232-1		Flange	09-812B-1
Hendy Lennox	2720	10-24139-1		Flange	09-1028B
	BSD 666TI	10-24244-1		Flange	09-1028B
Herald Marine	2:12	–		Flange	09-806B-1
	4:50	10-24119-4		Flange	09-1027B-1
	3.18/22	–		Flange	09-806B-1
	4.120T	10-24073-1		Foot	09-1027B-1
	0,229	10-24073-1		Foot	09-1027B-1
	6.150/170	10-24014-1		Flange	09-1028B
	6.178T	10-24014-1		Flange	09-1028B
	6.200/265T	10-13024-1		Foot	09-819B
	8.292/372	–		Flange	09-819B
	Magnum 300	10-24014-1		Flange	09-1028B
HFL	Petter	10-35038-1		Foot	09-808B-1
High Power Marine	2:05	10-24073-2	A)	Foot	09-1027B-1
	2:05	10-24119-6		Flange	09-1027B-1
	2712E	10-24140-1		Flange	09-1027B-1
	2715E	10-24139-1		Flange	09-1028B
	2722E	10-24139-4		Flange	
	2725E	10-24139-4		Flange	
	4.108	10-24119-2		Flange	09-1027B-1
	4.236	10-24215-1	A)	Flange	09-1027B-1

! Pump art no in brackets = replacement pump A) *Pump discontinued* B) *Only available to manufacturer* ** with flange* *** without flange*

Manufacturer	Engine Description	JP Pump art. no.	Note	Mounting	JP Impeller art. no.
Hino Motors	W04C-T	10-24253-3	B)	Flange	09-1028B
	W04C-T120/3000	10-24365-02	B)	Flange	09-1028B
	W04D	10-24253-2		Flange	09-1028B
	W06D-T1 250/3000	10-24365-02	B)	Flange	09-1028B
	W06D-T1-11 310/3000	10-24413-02	B)	Flange	09-821B-1
Hydromarine	DM12	10-35157-3		Flange	09-808B-1
	DM17/DM25	10-35098-4		Flange	09-1026B-1
I					
Icemaster…see Fischer Panda					
Indmar	200	10-24228-1		Flange	09-1027B-1
	250, 285, 285R11	10-24232-5		Flange	09-812B-1
	5.7L Assault 310	10-24232-1B		Crankshaft	09-812B-1
	5.7L Carbureted Vortec	10-24232-1B		Crankshaft	09-812B-1
	5.7L EFI MPFI	10-24232-1B		Crankshaft	09-812B-1
	6.0L MPFI	10-24232-1B		Crankshaft	09-812B-1
	6.2L MPFI	10-24232-1B		Crankshaft	09-812B-1
	7.4 L Engine	10-24232-1B		Crankshaft	09-812B-1
	8.1L Egines	10-24232-1B		Crankshaft	09-812B-1
	8.2L Engines	10-24232-1B		Crankshaft	09-812B-1
	Assault 325	10-24232-1B		Crankshaft	09-812B-1
	Indmar 454 Carbureted	10-24232-1B		Crankshaft	09-812B-1
	Indmar 5.7L Assault 340	10-24232-1B		Crankshaft	09-812B-1
	Indmar 5.7L HO	10-24232-1B		Crankshaft	09-812B-1
	Indmar 502 Carbureted	10-24232-1B		Crankshaft	09-812B-1
	Indmar 8.1L Vortec	10-24232-1B		Crankshaft	09-812B-1
	LTI, TBI	10-24232-7	A)	Flange	09-812B-1
	Malibu 383 Hammerhead	10-24232-1B		Crankshaft	09-812B-1
	Malibu 5.7L LCR	10-24232-1B		Crankshaft	09-812B-1
	Malibu 8.1L Vortec	10-24232-1B		Crankshaft	09-812B-1
	Malibu Anniversary Edition (LS7)	10-24232-1B		Crankshaft	09-812B-1
	Malibu Monsoon	10-24232-1B		Crankshaft	09-812B-1
	Mastercraft 5.7L RTP-1	10-24232-1B		Crankshaft	09-812B-1
	Mastercraft 6.0L LY6	10-24232-1B		Crankshaft	09-812B-1
	Mastercraft 8.1L Vortec	10-24232-1B		Crankshaft	09-812B-1
	Mastercraft MCX	10-24232-1B		Crankshaft	09-812B-1
Indu Marin	2704 ET	10-24139-3		Flange	09-1028B-1
	2710-15	10-24140-1		Flange	09-1027B-1
	2722-25	10-24140-1		Flange	09-1027B-1
	2726 TM	10-24139-3		Flange	09-1028B
	2728 TIM	10-24139-3		Flange	09-1028B
Industrimotor	3KC1M	10-35098-2		Flange	09-1026B-1
	3KC1M	–		Flange	09-810B-1
Iveco-Aifo	513	–		Flange	09-1028B
	514/600	–		Flange	09-806B-1
	804 AM/M	10-24119-2		Flange	09-1027B-1
	8041 M/SM	10-24119-2		Flange	09-1027B-1
	8041 SRM	10-24119-2		Flange	09-1027B-1
	806 AM/M	10-24119-2		Flange	09-1027B-1

Manufacturer	Engine Description	JP Pump art. no.	Note	Mounting	JP Impeller art. no.
Iveco-Aifo cont'd	806 SM	10-24014-1		Flange	09-1028B
	8060 MSD	10-24014-1		Flange	09-1028B
	8061 M	10-24014-1		Flange	09-1028B
	8061 SM/SRM	10-24014-1		Flange	09-1028B
	8141 M/SM	–		Flange	09-1027B-1
	821 M	10-24014-1		Flange	09-1028B
	8210 M	–		Flange	09-1028B
	8220 M	10-24014-1		Flange	09-1028B
	828 Mtca	–		Flange	09-819B
	8280 M/SRM	–		Flange	09-1028B
	8281 SRM44	–		Flange	09-814B
	8361 M/SM	10-24014-1		Flange	09-1028B
	8361 SRM	10-24014-1		Flange	09-1028B
	CO 2DM	–		Flange	09-1028B
	CO 3M	10-24014-1		Flange	09-1028B
	CO 3M/SM	10-24119-2		Flange	09-1027B-1
	CP 3M	10-24119-2		Flange	09-1027B-1
	CP 3M/SM	10-24014-1		Flange	09-1028B
	OMCP 3M	–		Flange	09-1028B
	UNO M20	–		Flange	09-1026B-1
	UNO M40	–		Flange	09-1027B-1
K					
KOHLER	40EOZ/33EFOZ	10-24753-01		Flange	09-1028B
	65EOZ/55EFOZ	10-24753-01		Flange	09-1028B
	80EOZ/70EFOZ	10-24753-01		Flange	09-1028B
	99EOZ/80EFOZ	10-24753-01		Flange	09-1028B
KTT Motor	KTT 2000	10-24119-7		Flange	09-1027B-1
	KTT 3000	10-24119-7		Flange	09-1027B-1
L					
Lehman	4D 50/4D 61	10-24119-5		Flange	09-1027B-1
Lister Petter	2722 CS4	10-24139-4		Flange	09-1028B
	2725 CS6	10-24139-4		Flange	09-1028B
	LPW2	10-35241-2		Flange	09-810B-1
	LPW3	10-35241-1		Flange	09-810B-1
	LPW4	10-35327-03		Flange	09-1027B-1
Lombardini	LDW 1003 M	10-35098-4		Flange	09-1026B-1
	LDW 1204 M	10-35098-4		Flange	09-1026B-1
	LDW 1204 M	10-35098-4		Flange	09-1026B-1
	LDW 1204 MD	10-24475-01		Flange	09-1028B
	LDW 1204 Turbo	10-24475-01		Flange	09-1028B
	LDW 1404 M	10-35098-4		Flange	09-1026B-1
	LDW 1503 M	10-35355-01		Flange	09-810B-1
	LDW 1603 M	10-35355-01		Flange	09-810B-1
	LDW 2004 M	10-24475-01		Flange	09-1028B
	LDW 2004 M	10-35355-01		Flange	09-810B-1
	LDW 2004 MD	10-24475-01		Flange	09-1028B
	LDW 2204 M	10-35355-01		Flange	09-810B-1

*! Pump art no in brackets = replacement pump A) Pump discontinued B) Only available to manufacturer * with flange ** without flange*

Manufacturer	Engine Description	JP Pump art. no.	Note	Mounting	JP Impeller art. no.
Lombardini cont'd	LDW 2204 MD	10-24475-02		Flange	09-1028B
	LDW 401 M	10-35038-1		Flange	09-808B-1
	LDW 502 M	10-35098-4		Flange	09-1026B-1
	LDW 602 M	10-35098-4		Flange	09-1026B-1
	LDW 702 M	10-35098-4		Flange	09-1026B-1
	LDW 903 M	10-35098-4		Flange	09-1026B-1
Lugger	L-6414A	10-24126-2		Flange	09-1028B
M					
M.A.N.	D 0826LE40	10-24292-01		Flange	09-1028B
	D 2540MLE	10-24239-2		Flange	09-802B
	D 2542LE	10-13064-2		Flange	09-802B/09-1028B
	D 2840LXE/LE401	10-13064-2		Flange	09-802B/09-1028B
	D 2840LXE/LE401	10-24239-2		Flange	09-802B
	D 2840LXE/LE401	10-13064-2		Flange	09-802B/09-1028B
	D 2840LXE/LE401/403	10-13064-01		Flange	09-802B/09-1028B
	D 2840LXE/LE401/403	10-24239-01		Flange	09-802B
	D 2842LE	10-13064-01		Flange	09-802B/09-1028B
	D 2842LE	10-24239-01		Flange	09-802B
	D 2842LE401/02/06/03/08	10-24239-01		Flange	09-802B
	D 2842LE/LXE/LYE/LZE	10-13165-01		Flange	09-820B
	D 2842LYE/LZE	10-24239-01		Flange	09-802B
	D 2842LYE/LZE, LE401/02/ 06/03/0	10-13064-01		Flange	09-802B/09-1028B
	D 2842LYE/LZE, LE401/02/ 06/03/0	10-13165-01		Flange	09-820B
	D 2842ME	10-13165-01		Flange	09-820B
	D 2842LE406/40x	10-13165-01		Flange	09-820B
	D 2848LE/LXE	10-24239-2		Flange	09-802B
	D 2848LXE/LE/LE401/403	10-13064-01		Flange	09-802B/09-1028B
	D 2848LXE/LE/LE401/403	10-24239-01		Flange	09-802B
	D 2866LE/401	10-13142-01	B)	Flange	09-821B/09-1028B
	D 2866LE/401	10-13142-01	B)	Flange	09-821B/09-1028B
	D 2866LE/401	10-13142-01	B)	Flange	09-821B/09-1028B
	D 2866LE/401/402	10-13142-01		Flange	09-821B/09-1028B
	W 3V 17,5/22A	10-13021 1/2 cam		Flange	09-819B
	W 5V 17,5/22A	–		Flange	09-819B
	W 6V 17,5/22A	–		Flange	09-819B-9
Mandals Motorfabrik	D 8	10-35157-3		Flange	09-808B-1
	MB 10	10-35157-3		Flange	09-808B-1
Marine Craft	2401-2E	10-22355-1	A)	Flange	09-1027B-1
	2653-5E HC	10-24070-1		Foot	09-1028B
	V 8	10-22355-1	A)	Flange	09-1027B-1
Marine Exhaust	4 cyl	10-24228-1		Flange	09-1027B-1
Marine Power	350	10-24228-6		Flange	09-1027B-1
	351	10-24232-6		Flange	09-812B-1
	454	10-24232-6		Flange	09-812B
	Ford 351	10-24232-6		Flange	09-812B-1
	4 cyl	10-24073-10 (Keyway)		Foot	09-1027B-1
	4 cyl	10-24073-5		Foot	09-1027B-1
	4 cyl	10-24073-5 (Keyway)		Foot	09-1027B-1

! *Pump art no in brackets = replacement pump* A) *Pump discontinued* B) *Only available to manufacturer* * *with flange* ** *without flange*

Manufacturer	Engine Description	JP Pump art. no.	Note	Mounting	JP Impeller art. no.
Matra	XD2P	10-24119-2		Flange	09-1027B-1
	XD2PS Turbo	10-24119-2		Flange	09-1027B-1
Meakes, JG	1 cyl	10-35038-1		Foot	09-808B-1
	JGM 1500D (1,5 l)	10-24073-1		Foot	09-1027B-1
	JGM 1800 (1,8 l)	10-24073-1		Foot	09-1027B-1
	JGM 2500D (2,5 l)	10-24119-2		Flange	09-1027B-1
	JGM 4150D	10-24139-1		Flange	09-1028B
	JGM 6220D	10-24139-1		Flange	09-1028B
Mercedes	OM 636	10-24119-2		Flange	09-1027B-1
	OM 314	10-24210-1		Foot	09-1027B-1
	OM 352, 355, 360, 401, 402	10-24209-1		Foot	09-1028B
	OM 403, 404	10-13024-1		Foot	09-819B
	OM 424	10-13026-1		Foot	09-814B
Mercraft	150/180	10-24139-1		Flange	09-1028B
Mercury Marine	4 cyl	10-24253-1		Flange	09-1028B
Mermaid Marine	397	10-24139-1		Flange	09-1028B
	595	10-24139-1		Flange	09-1028B
	2722 4 cyl	10-24139-4		Flange	09-1028B
	2723 4 cyl	10-24139-4		Flange	09-1028B
	2724 4 cyl	10-24139-4		Flange	09-1028B
	2725 4 cyl	10-24139-4		Flange	09-1028B
	2726 6 cyl	10-24139-4		Flange	09-1028B
	2727 6 cyl	10-24139-4		Flange	09-1028B
	2728 6 cyl	10-24139-4		Flange	09-1028B
	595 TP	–		Flange	09-1028B
	Flat Four	10-24139-1		Flange	09-1028B
	Flat Six	10-24139-1		Flange	09-1028B
	FSE 425	10-24230-3		Flange	09-1027B-1
	Majestic	10-24139-4		Flange	09-1028B
	Manta	10-24244-2		Flange	09-1028B
	Mariner	10-24139-1		Flange	09-1028B
	Meermin	10-24073-1		Foot	09-1027B-1
	Melody	10-24139-4		Flange	09-1028B
	Merlin	10-24073-1		Foot	09-1027B-1
	Meteor	10-24290-1		Flange	09-810B-1
	Meteorite	10-24290-1		Flange	09-810B-1
	Minuet	10-24073-1		Foot	09-1027B-1
	Mistral	10-24139-4		Flange	09-1028B
	Monarch	10-24139-4		Flange	09-1028B
	Turbo Four	10-24139-1		Flange	09-1028B
	Turbo Plus	10-24139-4		Flange	09-1028B
Mitsubishi	S6M3	10-13171-01	B)	Foot	09-814B
Motor Marine Devon	VW4	–		Flange	09-808B-1
	VW6	10-24225-1		Flange	09-1027B-1
Motor og Prop.teknik	XD3PP.62HK	10-24119-5		Flange	09-1027B-1
MTU	6R 099 TE61, 91, 51	10-13088-01		Flange	09-819B
	Series 183	10-13080-01		Flange	09-814B

! *Pump art no in brackets = replacement pump* A) *Pump discontinued* B) *Only available to manufacturer* ** with flange* *** without flange*

Manufacturer	Engine Description	JP Pump art. no.	Note	Mounting	JP Impeller art. no.
N					
N.E. Ford	6 cyl	10-24139-5		Flange	09-1028B
N.E. Isuzu	6 cyl	10-24070-5		Foot	09-1028B
	6 cyl	10-24071-17		Foot	09-1028B
Nanni	2.40 HE	10-35211-3		Flange	09-810B
	2.50 HE	10-35725-01	B)	Flange	09-810B
	2.60 HE	10-35127-1		Flange	09-810B
	3.110 HE	10-24334-01		Flange	09-1027B-1
	3.75 HE	10-35725-01	B)	Flange	09-810B-1
	3.90 HE	10-35127-1		Flange	09-810B-1
	4.110 HE	10-24334-01		Flange	09-1027B-1
	4.110 L	10-24119-4		Flange	09-1027B-1
	4.150 HE	10-24334-01		Flange	09-1027B-1
	4.190 HE	10-24334-01		Flange	09-1027B-1
	4.220 HE	10-24386-01		Flange	09-1028B
	5.280 HE	10-24386-01		Flange	09-1028B
	6.280 HE	10-24386-01		Flange	09-1028B
	D 2840 LE	10-24239-2		Flange	09-802B
	D 2842 LE	10-24239-2		Flange	09-802B
	D 2842 LXE	10-24239-2		Flange	09-802B
	D 2842 LYE	10-24239-2		Flange	09-802B
	D 2848 LE	10-24239-2		Flange	09-802B
	D 2866 LE	10-24239-2		Flange	09-802B
	D 2866 TE	10-24239-2		Flange	09-802B
	1300	10-13024-1		Foot	09-819B
	1600	10-13024-1		Foot	09-819B
	2100	10-13026-1		Foot	09-802B
	2100 T	10-13026-1		Foot	09-802B
	4.180	10-24119-4		Flange	09-1027B-1
	4.230/4.240	10-24179-1		Flange	09-1028B
	4.380	10-24179-2		Flange	09-1028B
	5.300 T	10-24179-2		Flange	09-1028B
	6.570 6/6.570 T	10-24070-3		Flange	09-1028B
	5250 TDi	10-24542-01		Flange	09-1028B
	K 34	10-35038-1		Foot	09-808B-1
	K.L.A.	10-35039-1	A)	Flange	09-806B-1
	K.L.A.	10-35052-1		Flange	09-808B-1
	L 30	10-35038-1		Foot	09-808B-1
	MB 180	10-24119-2		Flange	09-1027B-1
	MB 220	10-24119-3	A)	Flange	09-1027B-1
	MB 300	10-24119-2		Flange	09-1027B-1
	MB 300	10-24061-		Flange	09-1027B-1
	P 30	10-24074-1		Foot	09-810B-1
	P 30	10-35127-1		Flange	09-810B-1
	R 30	10-24074-1		Foot	09-810B-1
Nedalo	2712	10-24140-1		Flange	09-1027B-1
	2715	10-24139-1		Flange	09-1027B-1
	2401E	10-22355-2	A)	Flange	09-1027B-1
	2402E	10-22355-1	A)	Flange	09-1027B-1
	2712E	10-24139-2	A)	Flange	09-1028B
	2715E	10-24139-1		Flange	09-1028B

Manufacturer	Engine Description	JP Pump art. no.	Note	Mounting	JP Impeller art. no.
Norfolk Marine	2722	10-24140-3		Flange	09-1027B-1
	2723	10-24139-3		Flange	09-1028B
	XLD	10-24073-1		Foot	09-1027B-1
O					
Onan Corp	Ensign	10-35038-5		Flange	09-808B-1
	MAJB	10-35038-5		Flange	09-808B-1
	5.0 MDKOB	10-35211-5		Flange	09-808B-1
	5.5 MDKUB	10-35211-5		Flange	09-808B-1
	6.0 MDKOB	10-35211-5		Flange	09-808B-1
	6.5 MDKUB	10-35211-5		Flange	09-808B-1
	7.5 MDKOB	10-35211-5		Flange	09-808B-1
	9.0 MDKOB	10-35211-5		Flange	09-808B-1
P					
Panther Marine	350	10-24228-1		Flange	09-1027B-1
	454	10-24232-1		Flange	09-812B-1
Pathfinder Marine	4+5 cyl	10-24225-1		Flange	09-1027B-1
	4+5 cyl	10-24230-2		Flange	09-1027B-1
Peninsular Engines	8,2 litres	10-24349-01		Flange	09-1028B
Perkins	3HD46	–		Flange	09-1026B-1
	4.107MLL	10-24119-2		Flange	09-1027B-1
	4.108 4 cyl	10-24119-2		Flange	09-1027B-1
	4.108MLL	–		Flange	09-1027B-1
	4.236 4 cyl	10-24215-1	A)	Flange	09-1027B-1
	4.236/4.236T	–		Flange	09-1027B-1
	4.236LL	–		Flange	09-1027B-1
	4.99M	10-24119-2		Flange	09-1027B-1
	4.99M	10-24119-2		Flange	09-1027B-1
	6.3540M	10-24014-4		Flange	09-1028B
	6.305/6.354 6 cyl	10-24014-1		Flange	09-1028B
	6.3543M	10-24014-1		Flange	09-1028B
	6.354DM	–		Flange	09-1028B
	6HD 135/15D	–		Flange	09-1028B
	6HD 135/15D	10-24014-1		Flange	09-1028B
	M20 Perama	–		Flange	09-806B-1
	M200/240/275	–		Flange	09-1027B-1
	M25/M30/3HD20	–		Flange	09-1026B-1
	M35/40	–		Flange	09-1026B-1
	M50/60/80T Prima	–		Flange	09-1026B-1
	M90/4HD76/6HD	–		Flange	09-1027B-1
	MC42	–		Flange	09-1026B-1
	T/H/HT 6.354LL	10-24014-4		Flange	09-1028B
	T/H/HT 6.354M	–		Flange	09-1027B-1
	TV8.5410/40	–		Flange	09-819B-1
	V8.510	–		Flange	09-819B-1

! Pump art no in brackets = replacement pump A) *Pump discontinued* B) *Only available to manufacturer* ** with flange* *** without flange*

Manufacturer	Engine Description	JP Pump art. no.	Note	Mounting	JP Impeller art. no.
PKF Marine	2722	10-24140-1		Flange	09-1027B-1
	2725	10-24140-1		Flange	09-1027B-1
	2726T	10-24140-1		Flange	09-1027B-1
	BSD 444T	10-24073-1		Foot	09-1027B-1
	FSD 425	10-24073-1		Foot	09-1027B-1
Pwer Genny	2 cyl	10-35038-4		Foot	09-808B-1
PowerGen Pty Ltd	Kubota OC60	10-24569-01		Foot	09-808B-1
R					
Rodahl Marin	2710	10-24139-1		Flange	09-1028B
	2715	10-24139-1		Flange	09-1028B
	2722	10-24139-1		Flange	09-1028B
	2725	10-24139-1		Flange	09-1028B
	2726	10-24139-1		Flange	09-1028B
	2728	10-24139-1		Flange	09-1028B
	2704ET	10-24139-1		Flange	09-1028B
Ruggerini	CRD 100	–		Flange	09-808B-1
	CRD 100/951	10-35118-1(10-35157-3)	!	Flange	09-808B
	CRD 951	10-35157-3		Flange	09-808B-1
	MM150	10-35157-6		Flange	09-808B-1
	MM191	10-35157-6		Flange	09-808B-1
	MM351	10-35241-1		Flange	09-810B-1
	PM 105	10-35118-1(10-35157-3)	!	Flange	09-808B
	PM 105/2	10-24119-2		Flange	09-1027B-1
	PM 105/2	10-35157-3		Flange	09-808B-1
	RD 100/2	10-35157-3		Flange	09-808B-1
	RD 100/951	10-35118-1(10-35157-3)	!	Flange	09-808B
	RDM 901	10-35157-3		Flange	09-808B-1
	RDM 901/2	10-24119-2		Flange	09-1027B-1
	RM 270	10-35098-2		Flange	09-1026B-1
	RM 80	10-35157-3		Flange	09-808B-1
	RM 90	10-35157-6		Flange	09-808B-1
S					
Sabb	2J	10-24119-8	A)	Flange	09-1027B-1
	F 210	10-22355-1	A)	Flange	09-1027B-1
	F 4.254	10-24140-1		Flange	09-1027B-1
	F 4.415	10-24140-1		Flange	09-1027B-1
	F 444	10-22355-2	A)	Flange	09-1027B-1
	F 6.363 T	10-24139-1		Flange	09-1028B
	F 6.363 TI	10-24139-1		Flange	09-1028B
	F 6.380	10-24140-1		Flange	09-1027B-1
	F 6.595T	10-24139-1		Flange	09-1028B
	F 6.595TI	10-24139-1		Flange	09-1028B
	F 6.595TIP	10-24139-1		Flange	09-1028B
	F 6.622	10-24140-1		Flange	09-1027B-1
	L 2.093	10-24119-8	A)	Flange	09-1027B-1
	L 3.139	10-24119-8	A)	Flange	09-1027B-1
	L 4.186	10-24119-8	A)	Flange	09-1027B-1
	M 4.130	10-35333-01+2 pcs 01-43238		Flange	09-810B

! *Pump art no in brackets = replacement pump* A) *Pump discontinued* B) *Only available to manufacturer* * *with flange* ** *without flange*

Manufacturer	Engine Description	JP Pump art. no.	Note	Mounting	JP Impeller art. no.
Sabb cont'd	M 4.140	10-35333-01+2 pcs 01-43238		Flange	09-810B
	M 4.210	10-24119-8	A)	Flange	09-1027B-1
	M 4.295	10-24119-8	A)	Flange	09-1027B-1
Sabre	Sabre 180/212	10-24139-1		Flange	09-1028B
	Sabre 80/120/140	–		Flange	09-1027B-1
Scania	D11M01	10-24006-2	A)	Flange	09-814B
	D14	10-24159-2	A)	Flange	09-814B
	D8	10-22096-1		Flange	09-819B
	D8	10-22096-3		Flange	09-819B
	D8	10-22096-2	A)	Flange	09-819B
	DN11	10-24308-02	B)	Flange	09-814B
	DN9	10-24308-02	B)	Flange	09-814B
	DS11	10-24308-02	B)	Flange	09-814B
	DS14	10-24308-03	B)	Flange	09-814B
	DS9	10-22096-1	B)	Flange	09-819B
	DSI11	10-24159-1	A)	Flange	09-814B
	DSI11	10-24308-02	B)	Flange	09-814B
	DSI11M01	10-24006-1	A)	Flange	09-814B
	DSI14	10-24308-03	B)	Flange	09-814B
Schlapkohl	DTP92/DTP106	10-22139-1	A)	Flange	09-1028B
	Lehman Power	10-24119-5		Flange	09-1027B-1
	SMP 6-cyl/DTP75	10-22139-1	A)	Flange	09-1028B
Schwarting	S 314	10-24070-1		Foot	09-1028B
	S 352/352A	10-24070-1		Foot	09-1028B
	S 421/422/422A/423	10-13021-3	A)	Foot	09-819B
	S 424	10-13021-1		Foot	09-819B
	S 424A	10-13026-2		Foot	09-802B
	S 424LA	10-13026-1		Foot	09-802B
	S 615/616	10-24119-4		Flange	09-1027B-1
	S 617/617A	10-24119-4		Flange	09-1027B-1
	S 636	10-24119-4		Flange	09-1027B-1
	S 636	10-24127-1		Flange	09-1028B
Sea Wasp	SW 3200-4 KVA-	10-35187-1		Flange	09-808B-1
	SW 4800- 6 KVA-	10-35211-3		Flange	09-808B-1
	SW 5200- 6.5 KVA-	10-24514-03		Flange	09-810B-1
	SW 6400- 8 KVA-	10-24514-03		Flange	09-810B-1
	SW 7200- 9 KVA-	10-24514-03		Flange	09-810B-1
	SW 8800-11 KVA-	10-24119-2		Flange	09-1027B-1
	SW 9600- 12 KVA-	10-24514-03		Flange	09-810B-1
	SW 10 000-12.5 KVA-	10- 24119-2		Flange	09-1027B-1
	SW 13600- 17 KVA-	10-24119-2		Flange	09-1027B-1
	SW 16000- 20 KVA-	10-24119-2		Flange	09-1027B-1
	SW 18400- 23 KVA-	10-24127-1		Flange	09-1028B
	EARLY SW 20000- 25 KVA-	10-24119-2		Flange	09-1027B-1
	LATE SW 20000- 25 KVA-	10-24127-1		Flange	09-1028B
	EARLY SW 24000- 30 KVA-	10-24119-2		Flange	09-1027B-1
	LATE SW 24000-30 KVA-	10-24127-1		Flange	09-1028B
	SW 36000- 45 KVA-	10-24127-1		Flange	09-1028B
	SW 42000- 52.5 KVA-	10-24127-1		Flange	09-1028B

! Pump art no in brackets = replacement pump A) *Pump discontinued* B) *Only available to manufacturer* ** with flange* *** without flange*

Manufacturer	Engine Description	JP Pump art. no.	Note	Mounting	JP Impeller art. no.
Sole Diesel	SM615/616/636	–		Flange	09-1027B-1
	6 cyl SM120	–		Flange	09-1028B
Steyr	MO236-OMC	-		Flange	08-812B-1/09-1028B
	All 4 Cyl./ 6Cyl. from 1999	10-24637-01		Flange	09-1028B
T					
Telva Oy	2722 E	10-24140-1		Flange	09-1027B-1
	2725 E	10-24139-1		Flange	09-1028B
	2726 T	10-24139-1		Flange	09-1028B
	2728 TIM	10-24139-1		Flange	09-1028B
Tempest	1622 S	–		Flange	09-1026B-1
	0,208	10-24139-1		Flange	09-1028B
	6.150/180	10-24139-2	A)	Flange	09-1028B
	Captain 1.5/1.8	10-24073-1		Foot	09-1027B-1
	Commander 2.2D (DC)	–		Flange	09-1026B-1
	Commander 2.5LR (HX)	10-24119-2		Flange	09-1027B-1
	Commander 50HP (DC)	–		Flange	09-1026B-1
	Commander 50HP (DC)	–		Flange	09-1026B-1
	Commander 50HP (HX)	10-24119-2		Flange	09-1027B-1
	Commander 50HP (HX)	10-24119-6		Flange	09-1027B-1
	Commodore 34/38	–		Flange	09-1026B-1
	Commodore 53	10-24119-4		Flange	09-1027B-1
	Navigator 38	–		Flange	09-1026B-1
	Sea Lord 5.66	10-24014-		Flange	09-1028B
	Sea Prince 3000S	10-24119-2		Flange	09-1027B-1
	Vedette 25 MkIIVI	–		Flange	09-806B-1
	Vedette MkII-VI	–		Flange	09-1026B-1
	Yeoman 36	–		Flange	09-1026B-1
Thornycroft	Feb-90	10-24073-1		Foot	09-1027B-1
	90	–		Flange	09-801B
	108	–		Flange	09-1027B-1
	152	10-24119-1		Flange	09-1027B-1
	154	10-24119-1		Flange	09-1027B-1
	230	10-24014-1		Flange	09-1028B
	240	10-24140-1		Flange	09-1027B-1
	251	10-24140-1		Flange	09-1027B-1
	331	10-24140-1		Flange	09-1027B-1
	345	10-24014-1		Flange	09-1028B
	358	10-24329-11		Flange	09-1028B
	360	10-24329-1		Flange	09-1028B
	400	10-24014-1		Flange	09-1028B
	760	–		Flange	09-819B
	138/160	10-24119-1		Flange	09-1027B-1
	238,T 238	–		Flange	09-1028B
	360/I	10-24139-1		Flange	09-1028B
	590/690/691	–		Flange	09-819B
	90E,90/2	10-24073-1		Foot	09-1027B-1
	RF LD-220	–		Flange	09-801B
	T 358	–		Flange	09-1028B
	T 360/1	10-24139-1		Flange	09-1028B
	T 400	–		Flange	09-1028B

Manufacturer	Engine Description	JP Pump art. no.	Note	Mounting	JP Impeller art. no.
Thornycroft cont'd	T 500	–		Flange	09-819B
	TA 358	10-24329-11	A)	Flange	09-1028B
	XLD 418	10-24290-1		Flange	09-810B-1
	33 & 50	10-24319-01		Flange	09-810B-1
	60 & 80	10-35271-01		Flange	09-810B-1
Tingbrand	200 TMB	10-24228-1		Flange	09-1027B-1
	225 TMB	10-24228-1		Flange	09-1027B-1
	270 TMB	10-24228-1		Flange	09-1027B-1
	310 TMB	10-24228-1		Flange	09-1027B-1
Toyota	120Z	10-24515-01	B)	Flange	09-812B-1
	197F	10-13208-01	B)	Pulley	09-812B-1
U					
Union Motor	220D	10-35100-1		Flange	09-1027B-1
	XD2P	10-24119-3	A)	Flange	09-1027B-1
Universal (Medalist)	1.400000001	10-35038-5		Foot	09-808B-1
V					
Valmet Oy	311	10-24014-2	A)	Flange	09-1028B
	411	10-24014-4		Flange	09-1028B
	611	10-24181-1		Flange	09-819B
	612	10-24181-1		Flange	09-819B
	310 DM	–		Flange	09-1027B-1
	4035 PM	–		Flange	09-1026B-1
	411 CM/CSM	10-24014-1		Flange	09-1028B
	411 DM	–		Flange	09-1027B-1
	611 DM/DSM	10-24181-1		Flange	09-819B
	611 DSBJM	10-24181-1		Flange	09-819B
	611 DSBM	10-24181-1		Flange	09-819B
	615 DM	10-21915-2		Flange	09-819B
Variant	5PS/8PS/10PS	–		Flange	09-808B-1
Vasa Motor		10-35087-1	A)	Flange	09-1026B-1
		10-32603-1	A)	Flange	09-801B
		10-35067-1	A)	Flange	09-801B
Vetus den Ouden	36-22-11	10-35100-1		Flange	09-1027B
	42-26-21	10-35100-1		Flange	09-1027B
	42-26-26	10-35100-1		Flange	09-1027B
	52-34-21	10-35100-1		Flange	09-1027B
	52-34-26	10-35100-1		Flange	09-1027B
	C 4/6	–		Flange	09-1028B
	DT(A)43	–		Flange	09-1028B
	DT(A)44	10-24734-04		Flange	09-1028B
	DT(A)64	–		Flange	09-1028B
	DT(A)66	10-24734-05		Flange	09-1028B
	DT(A)67	10-24734-05		Flange	09-1028B
	K 3/3D/4	10-35161-1		Flange	09-810B
	L 2/3	–		Flange	09-810B

! Pump art no in brackets = replacement pump A) *Pump discontinued* B) *Only available to manufacturer* ** with flange* *** without flange*

Manufacturer	Engine Description	JP Pump art. no.	Note	Mounting	JP Impeller art. no.
Vetus den Ouden cont'd	M 2.04	–		Flange	09-810B
	M 2.05	10-24630-02		Flange	09-810B
	M 2.06	10-24630-02		Flange	09-810B
	M 2.C5	–		Flange	09-810B
	M 2.D5	10-24630-02		Flange	09-810B
	M 3.09	10-24630-02		Flange	09-810B
	M 3.10	10-35240-1		Flange	09-810B
	M 3.28	10-24630-02		Flange	09-810B
	M 4.14	10-35100-1		Flange	09-1027B
	M 4.15	10-24630-01		Flange	09-810B
	M 4.17	10-24630-01		Flange	09-810B
	P 4.17	–		Flange	09-1027B
	P 4.19	–		Flange	09-1027B
	P 4.25	10-24218-1		Flange	09-1028B
	VH 4.65	–		Flange	09-1027B
	VH 4.80	–		Flange	09-1027B
VM Motori	102 MH11	10-35058-1	A)	Flange	09-1026B-1
	102 MH11/SV	10-35058-1	A)	Flange	09-1026B-1
	103 MH11	10-24119-2		Flange	09-1027B-1
	103 MH11/SV	10-24119-2		Flange	09-1027B-1
	104 MH11	10-24119-2		Flange	09-1027B-1
	104 MH11/SV	10-24119-2		Flange	09-1027B-1
	106 MH11	10-24119-2		Flange	09-1027B-1
	106 MH11/SV	10-24119-2		Flange	09-1027B-1
	114/116 MH	10-24014-1		Flange	09-1028B
	116 DAN M	10-24119-2		Flange	09-1027B-1
	1306 MH14	10-24091-1	A)	Flange	09-819B
	1308 MH14	10-24091-1	A)	Flange	09-819B
	1310 MH14	10-24090-1		Flange	09-1026B-1
	1312 MH14	10-24090-1		Flange	09-1026B-1
	804/806 M	10-24119-2		Flange	09-1027B-1
	956 M11	10-24090-1		Flange	09-1026B-1
	HR 480 HT	10-24127-1		Flange	09-1028B
	HR 488 HT9	10-24127-1		Flange	09-1028B
	HR 492 H9	10-24127-1		Flange	09-1028B
	HR 492 HT9	10-24127-1		Flange	09-1028B
	HR 592 H9	10-24127-1		Flange	09-1028B
	HR 592 HT9	10-24127-1		Flange	09-1028B
	HR 688 HT9	10-24127-1		Flange	09-1028B
	HR 692 H9	10-24127-1		Flange	09-1028B
	HR 692 HT9	10-24127-1		Flange	09-1028B
	T 1306 MH14	10-24091-1	A)	Flange	09-819B
	T 1308 MH14	10-24091-1	A)	Flange	09-819B
	T 1310 MH14	10-24090-1		Flange	09-1026B-1
	T 1312 MH14	10-24090-1		Flange	09-1026B-1
	TI 1306 MH14	10-24091-1	A)	Flange	09-819B
	TI 1308 MH14	10-24091-1	A)	Flange	09-819B
	TI 1310 MH14	10-24090-1		Flange	09-1026B-1
	TI 1312 MH14	10-24090-1		Flange	09-1026B-1
WM Diesel (KUBOTA)	WM 12 (Z482)	10-35211-3		Flange	09-808B-1
	WM 18 (D722)	10-24341-01		Flange	09-810B-1
	WM 22 (D905)	10-24334-01		Flange	09-1027B-1
	WM 28 (D1105)	10-24334-01		Flange	09-1027B-1

! *Pump art no in brackets = replacement pump* A) *Pump discontinued* B) *Only available to manufacturer* * *with flange* ** *without flange*

Manufacturer	Engine Description	JP Pump art. no.	Note	Mounting	JP Impeller art. no.
WM Diesel (KUBOTA) cont'd	WM 35 (V1505)	10-24334-01		Flange	09-1027B-1
	WM 50 (V2203)	10-24334-01		Flange	09-1027B-1
	WM 68 (V3300)	10-24127-1		Flange	09-1028B
	WM 85T (V3300T)	10-24127-1		Flange	09-1028B
Note! All pumps for Volvo Penta engines only available through Volvo Penta.					
Volvo Penta	1113 BR	–		Flange	09-1028B
	2001 B	10-24178-1	B)	Flange	09-808B-1
	2001/2/3 R	10-24178-1	B)	Flange	09-808B-1
	2002 B	10-24178-1	B)	Flange	09-808B-1
	2003 B	10-24178-1	B)	Flange	09-808B-1
	2003 T	10-24268-1	B)	Flange	09-1027B-1
	2003 TB	10-24268-1	B)	Flange	09-1027B-1
	4.3GL-G, 4.3GL-GF	10-13356-01		Crank shaft	09-812B-1
	4.3GXi-A	10-13353-01		Crank shaft	09-1027B-10
	4.3GXi-B, 4.3GXi-BF, 4.3OSi-B, 4.3OSi-BF	10-13353-01		Crank shaft	09-1027B-10
	4.3GXi-C/CF/D/DF, 4.3OSi-C/CF/D/DF	10-13353-01		Crank shaft	09-1027B-10
	4.3GXi-E, 4.3GXi-EF, 4.3OSi-E, 4.3OSi-EF	10-13353-01		Crank shaft	09-1027B-10
	4.3GXi-F, 4.3GXi-FF, 4.3OSi-F, 4.3OSi-FF	10-13356-01		Crank shaft	09-812B-1
	4.3GXi-G, 4.3GXi-GF, 4.3OSi-G, 4.3OSi-GF	10-13356-01		Crank shaft	09-812B-1
	431 A	10-24372-01	B)	Flange	09-1027B-1
	5.0GL-H, 5.0GL-HF	10-13356-01		Crank shaft	09-812B-1
	5.0GXi, 5.0OSi, 5.7Gi, 5.7OSi, 5.7GXi, 5.7OSXi	10-13353-01		Crank shaft	09-1027B-10
	5.0GXi-A, 5.7Gi-A, 5.7GXi-A/B, 5.7GiI-A, 5.7GXiI-A	10-13353-01		Crank shaft	09-1027B-10
	5.0GXi-C/-CF/-D/-DF, 5.0OSi-C/-CF/-D/-DF	10-13353-01		Crank shaft	09-1027B-10
	5.0GXi-E, 5.0GXi-EF, 5.0OSi-E, 5.0GXi-EF	10-13353-01		Crank shaft	09-1027B-10
	5.0GXi-F, 5.0GXi-FF, 5.0OSi-F, 5.0OSi-FF	10-13356-01		Crank shaft	09-812B-1
	5.0GXi-G, 5.0GXi-GF, 5.0OSi-G, 5.0OSI-GF	10-13356-01		Crank shaft	09-812B-1
	5.7Gi, 5.7GXi, 5.7OSi, 5.7OSXi, 5.7GiI, 5.7GXiI	10-13353-01		Crank shaft	09-1027B-10
	5.7Gi, 5.7GXi, 5.7OSi, 5.7OSXi, 5.7GiI, 5.7GXiI	10-13353-01		Crank shaft	09-1027B-10
	5.7Gi-F/FF, 5.7GXi-G/GF, 5.7OSi-E/EF, 5.7OSXi-E/EF	10-13356-01		Crank shaft	09-812B-1
	5.7Gi-G, 5.7Gi-GF, 5.7GXi-H, 5.7GXi-HF, 5.7OSi-G, 5.7OSi-GF, 5.7OSXi-G, 5.7OSXi-GF	10-13356-01		Crank shaft	09-812B-1
	5.7GiI-F, 5.7GXiI-G	10-13356-01		Crank shaft	09-812B-1
	5.7GiI-G, 5.7GXiI-H	10-13356-01		Crank shaft	09-812B-1
	500 A/B	10-24372-01	B)	Flange	09-1027B-1
	501 A	10-24372-01	B)	Flange	09-1027B-1
	570 A	10-24372-01	B)	Flange	09-1027B-1
	571 A	10-24372-01	B)	Flange	09-1027B-1
	8.1Gi-A/B/C/D, 8.1GSi, 8.1GXi-A/B/C	10-13353-03		Crank shaft	08-1027B-10
	8.1Gi-E/EF, 8.1GXi-D/DF, 8.1OSi-A/AF, +IBs	10-13353-03		Crank shaft	08-1027B-10
	8.1Gi-F/FF, 8.1GXi-E/EF, 8.1OSi-B/BF, +IBs	10-13353-03		Crank shaft	08-1027B-10
	8.1Gi-G/GF, 8.1GXI-F/FF, 8.1OSi-C/CF	10-13356-03		Crank shaft	08-812B-1
	8.1Gi-H, 8.1Gi-HF, 8.1GXi-G, 8.1GXi-GF, 8.1OSi-D, 8.1OSi-DF	10-13356-03		Crank shaft	08-812B-1
	8.1GiI-G, 8.1GXiI-F	10-13356-03		Crank shaft	08-812B-1
	8.1GiI-H, 8.1GXiI-G	10-13356-03		Crank shaft	08-812B-1
	AD 31A/B	10-24277-1	B)	Flange	09-1028B
	AD 41A/B	10-24277-1	B)	Flange	09-1028B
	AQ 110/115	10-35098-1	B)	Flange	09-1026B-1
	AQ 115A/B	10-35098-1	B)	Flange	09-1026B-1
	AQ 120	10-35098-1	B)	Flange	09-1026B-1
	AQ 120B	10-35098-1	B)	Flange	09-801B
	AQ 125A/B	10-35098-1	B)	Flange	09-801B
	AQ 130	10-35098-1	B)	Flange	09-1026B-1

Manufacturer	Engine Description	JP Pump art. no.	Note	Mounting	JP Impeller art. no.
Volvo Penta cont'd	AQ 130A/B	10-35098-1	B)	Flange	09-1026B-1
	AQ 130C/D	10-35098-1	B)	Flange	09-1026B-1
	AQ 131A/B/C/D	10-32621-3	B)	Flange	09-801B
	AQ 140	10-35098-1	B)	Flange	09-1026B-1
	AQ 140A	10-32621-3	B)	Flange	09-801B
	AQ 145	10-32621-3	B)	Flange	09-801B
	AQ 145A/B	10-32621-3	B)	Flange	09-801B
	AQ 151A/B/C	10-32621-3	B)	Flange	09-801B
	AQ 165A	10-32621-3	B)	Flange	09-801B
	AQ 170B/C	10-32621-3	B)	Flange	09-801B
	AQ 170C	10-32058-1	B)	Flange	09-801B
	AQ 171A/C	10-32058-1	B)	Flange	09-801B
	AQ 175A	10-32058-1	B)	Flange	09-801B
	AQ 180	10-24372-01	B)	Flange	09-1027B-1
	AQ 200	10-24372-01	B)	Flange	09-1027B-1
	AQ 200B/C/D/F	10-24372-01	B)	Flange	09-1027B-1
	AQ 205A	10-24372-01	B)	Flange	09-1027B-1
	AQ 211A	10-24372-01	B)	Flange	09-1027B-1
	AQ 21A	10-11246-1	A) B)	Flange	09-1027B-1
	AQ 225	10-24372-01	B)	Flange	09-1027B-1
	AQ 231A/B	10-24372-01	B)	Flange	09-1027B-1
	AQ 250A	10-32621-3	B)	Flange	09-801B
	AQ 251A	10-32621-3	B)	Flange	09-801B
	AQ 255B	10-24372-01	B)	Flange	09-1027B-1
	AQ 260	10-24372-01	B)	Flange	09-1027B-1
	AQ 260A	10-24372-01	B)	Flange	09-1027B-1
	AQ 271A/B/C/D	10-24372-01	B)	Flange	09-1027B-1
	AQ 280A	10-24372-01	B)	Flange	09-1027B-1
	AQ 290	10-24372-01	B)	Flange	09-1027B-1
	AQ 290A	10-24372-01	B)	Flange	09-1027B-1
	AQ 2B	–	B)	Flange	09-806B-1
	AQ 311A	–	B)	Flange	09-1027B-1
	AQ 40DP	10-22335-2	A) B)	Flange	09-1028B
	AQ 60 F	10-35098-1	B)	Flange	09-1026B-1
	AQ 70D	10-24017-1	B)	Flange	09-1028B
	AQ 90	–		Flange	09-1026B-1
	AQ 95	10-35098-1	B)	Flange	09-1026B-1
	AQ 95A	10-35098-1	B)	Flange	09-1026B-1
	AQAD 30A	10-24277-1	B)	Flange	09-1028B
	AQAD 31A	10-24277-1	B)	Flange	09-1028B
	AQAD 40A/B	10-24277-1	B)	Flange	09-819B
	AQAD 41A	10-24277-1	B)	Flange	09-1028B
	AQD 19	10-11236-2	A)	Flange	09-1028B
	AQD 21	10-32098-1	B)	Flange	09-801B
	AQD 21A	10-32058-1	B)	Flange	09-801B
	AQD 21B	10-32058-1	B)	Flange	09-801B
	AQD 27	10-11236-2	A) B)	Flange	09-1028B
	AQD 29	10-11236-2	A) B)	Flange	09-1028B
	AQD 30/DP	10-22335-2	A) B)	Flange	09-1028B
	AQD 32A	10-11236-2	A) B)	Flange	09-1028B
	AQD 40A	10-24277-1	B)	Flange	09-1028B
	AQD 41A	10-24277-1	B)	Flange	09-1028B
	AQD 70B	–		Flange	09-1028B
	AQD 70C	10-24017-1	B)	Flange	09-1028B
	AQD 70D	10-24020-1	A) B)	Flange	09-1028B

! *Pump art no in brackets = replacement pump* A) *Pump discontinued* B) *Only available to manufacturer* * *with flange* ** *without flange*

Manufacturer	Engine Description	JP Pump art. no.	Note	Mounting	JP Impeller art. no.
Volvo Penta cont'd	BB 100	10-35098-1		Flange	09-1026B-1
	BB 115	10-35098-1	B)	Flange	09-1026B-1
	BB 115B/C	10-35098-1	B)	Flange	09-1026B-1
	BB 140A	10-32058-1	B)	Flange	09-801B
	BB 145A	10-32058-1	B)	Flange	09-801B
	BB 165A	10-32058-1	B)	Flange	09-801B
	BB 170A/B	10-32058-1	B)	Flange	09-801B
	BB 170C	10-32058-1	B)	Flange	09-801B
	BB 21	10-32621-2	B)	Flange	09-801B
	BB 30	10-35098-1	B)	Flange	09-1026B-1
	D 41A/B	10-24277-1	B)	Flange	09-1028B
	D1-13 A/B	10-24751-01		Flange	09-1026B-1
	D1-20 A/B	10-24751-01		Flange	09-1026B-1
	D1-30 A/B	10-24752-01		Flange	09-1026B-1
	D2-40 A/B	10-24752-01		Flange	09-1026B-1
	D2-55 A/B/C/D/E	10-24752-01		Flange	09-1026B-1
	D2-75 A/B/C	10-24752-01		Flange	09-1026B-1
	D3	10-14449-01		Crank shaft	09-812B-1
	D4	-		Crank shaft	09-1028B
	EF 3.0 Liter Engines	10-13353-01		Crank shaft	09-1027B-10
	EF 4.3 Liter Engines	10-13353-01		Crank shaft	09-1027B-10
	EF 5.0, 5.7 Liter Engines	10-13353-01		Crank shaft	09-1027B-10
	IPS350	-		Crank shaft	09-1028B
	IPS400	-		Crank shaft	09-1028B
	KAD 42A	10-24394-01		Flange	09-1028B
	KAD 42P/DP/DPK	10-24394-01	B)	Flange	09-1028B
	KAMD 42A	10-24394-01		Flange	09-1028B
	KAMD 42P	10-24394-01	B)	Flange	09-1028B
	MB 10A	10-35015-1	B)	Flange	09-808B-1
	MB 10A/11	10-35157-5	B)	Flange	09-808B-1
	MB 16A	10-35098-1	B)	Flange	09-1026B-1
	MB 18/MB 18F	10-35098-1	B)	Flange	09-1026B-1
	MB 20	10-35098-1	B)	Flange	09-1026B-1
	MB 20A/B/C	10-35098-1	B)	Flange	09-1026B-1
	MBN 40	10-42864-1	A) B)	Flange	09-801B
	MD 1	10-35157-5	B)	Flange	09-808B-1
	MD 100/100BK	10-21915-1	B)	Flange	09-819B
	MD 100A	10-21915-1	B)	Flange	09-819B
	MD 100B	10-24017-1	B)	Flange	09-1028B
	MD 11C/D	10-35157-5	B)	Flange	09-808B-1
	MD 120	10-21915-1	B)	Flange	09-819B
	MD 120A	10-21915-1	B)	Flange	09-819B
	MD 17C	10-35098-1	B)	Flange	09-1026B-1
	MD 17D	10-35098-1	B)	Flange	09-1026B-1
	MD 19	10-11236-1	A) B)	Flange	09-1028B
	MD 1A/1B	10-35157-5	B)	Flange	09-808B-1
	MD 1B	10-35157-5	B)	Flange	09-808B-1
	MD 1KHD/HY	10-35157-5	B)	Flange	09-808B-1
	MD 2	10-35157-5	B)	Flange	09-808B-1
	MD 2010	10-24463-01	B)	Flange	09-806B-1
	MD 2020	10-24463-01	B)	Flange	09-806B-1
	MD 2030	10-24465-01	B)	Flange	09-1026B-1
	MD 2040	10-24465-01	B)	Flange	09-1026B-1
	MD 20B	10-35098-1	B)	Flange	09-1026B-1
	MD 21A	10-11246-1	A) B)	Flange	09-1027B-1

! Pump art no in brackets = replacement pump A) *Pump discontinued* B) *Only available to manufacturer* ** with flange* *** without flange*

Manufacturer	Engine Description	JP Pump art. no.	Note	Mounting	JP Impeller art. no.
Volvo Penta cont'd	MD 21A	10-32058-1	B)	Flange	09-801B
	MD 21B	10-32058-1	B)	Flange	09-801B
	MD 22	–		Flange	09-1027B-1
	MD 27	10-11236-1	A) B)	Flange	09-1028B
	MD 29	10-11236-1	A) B)	Flange	09-1028B
	MD 2B	10-35157-5	B)	Flange	09-808B-1
	MD 2HBY	10-35157-5	B)	Flange	09-808B-1
	MD 30	10-22335-2	A) B)	Flange	09-1028B
	MD 30A	10-22335-2	A) B)	Flange	09-1028B
	MD 31	10-24277-1	B)	Flange	09-1028B
	MD 31A	10-24277-1	B)	Flange	09-1028B
	MD 32A	10-11236-1	A) B)	Flange	09-1028B
	MD 3B	10-35098-1	B)	Flange	09-1026B
	MD 40A	10-24277-1	B)	Flange	09-1028B
	MD 42	10-22144-1	A) B)	Flange	09-1028B
	MD 42A	10-32058-1	B)	Flange	09-801B
	MD 47A/C	–		Flange	09-1028B
	MD 47B	–		Flange	09-1028B
	MD 50A	–		Flange	09-1028B
	MD 5A	10-35157-5	B)	Flange	09-808B-1
	MD 5B/C	10-35157-5	B)	Flange	09-808B-1
	MD 67C	–		Flange	09-1028B
	MD 6A	10-35157-5		Flange	09-808B-1
	MD 6B	10-35157-5		Flange	09-808B-1
	MD 70A	–		Flange	09-1028B
	MD 70B/C	10-24017-1	B)	Flange	09-1028B
	MD 71	10-24315-01	A) B)	Flange	09-819B
	MD 7A	10-35157-5	B)	Flange	09-808B-1
	MD 7B	10-35157-5	B)	Flange	09-808B-1
	MD 96B	–		Flange	09-1028B
	MDN 19	10-42864-1	A) B)	Flange	09-801B
	TAMD 102A	–		Flange	09-814B
	TAMD 120	10-21915-1	B)	Flange	09-819B
	TAMD 120A	10-21915-1	B)	Flange	09-819B
	TAMD 120B	–		Flange	09-814B
	TAMD 121C	–		Flange	09-814B
	TAMD 121D	–		Flange	09-814B
	TAMD 122A/C/D	–		Flange	09-814B
	TAMD 162A/B	10-13166-01	B)	Flange	09-814B
	TAMD 163A/P	10-13166-01	B)	Flange	09-814B
	TAMD 30	10-22335-2	A) B)	Flange	09-1028B
	TAMD 30A	10-22335-2	A) B)	Flange	09-1028B
	TAMD 31	10-24277-1	B)	Flange	09-1028B
	TAMD 31A/B	10-24277-1	B)	Flange	09-1028B
	TAMD 40A/B	10-24130-02	B)	Flange	09-819B
	TAMD 41	10-24277-1	B)	Flange	09-1028B
	TAMD 41A/B	10-24277-1	B)	Flange	09-1028B
	TAMD 60	–		Flange	09-1028B
	TAMD 60/60A	10-22335-2	A) B)	Flange	09-1028B
	TAMD 60B/C	10-22335-2	A) B)	Flange	09-1028B
	TAMD 61	10-24315-01	A) B)	Flange	09-819B
	TAMD 61/A	10-24315-01	A) B)	Flange	09-819B
	TAMD 70	10-24017-1	B)	Flange	09-1028B
	TAMD 70B	10-24017-1	B)	Flange	09-1028B
	TAMD 70C	10-24017-1	B)	Flange	09-1028B

! *Pump art no in brackets = replacement pump* A) *Pump discontinued* B) *Only available to manufacturer* * *with flange* ** *without flange*

Manufacturer	Engine Description	JP Pump art. no.	Note	Mounting	JP Impeller art. no.
Volvo Penta cont'd	TAMD 70D	10-24017-1	B)	Flange	09-1028B
	TAMD 70E	10-24017-1	B)	Flange	09-1028B
	TAMD 71/A/B	10-24315-01	A) B)	Flange	09-819B
	TAMD63 P-A, L-A	10-13306-01		Crank shaft	08-821BT
	THAMD 70	10-22335-2	B)	Flange	09-1028B
	THAMD 70B/C	10-22335-2	B)	Flange	09-1028B
	TIMD 96B	10-22335-2	B)	Flange	09-1028B
	TMD 100/100AK	10-21915-1	B)	Flange	09-819B
	TMD 100A	10-24017-1	B)	Flange	09-1028B
	TMD 100A	10-21915-1	B)	Flange	09-819B
	TMD 100C	10-24315-01	A) B)	Flange	09-819B
	TMD 102A	–		Flange	09-819B
	TMD 120	10-21915-1	B)	Flange	09-819B
	TMD 120A	10-21915-1	B)	Flange	09-819B
	TMD 121C	–		Flange	09-819B
	TMD 122A	–		Flange	09-819B
	TMD 30A	–		Flange	09-1028B
	TMD 31	10-24277-1	B)	Flange	09-1028B
	TMD 31A/B	10-24277-1	B)	Flange	09-1028B
	TMD 40A/B/C	10-24277-1	B)	Flange	09-1028B
	TMD 41A/B	10-24277-1	B)	Flange	09-1028B
	TMD 60B	10-22335-1	A) B)	Flange	09-1028B
	TMD 70B/C	10-24017-1	B)	Flange	09-1028B
	TMD 71	10-24315-01	A) B)	Flange	09-819B
Vythoulcas	D 4Q 50	–		Flange	09-1028B
	K2B/C	10-35167-1		Flange	09-810B-1
	K3D	10-35167-1		Flange	09-810B-1
	K3E/H/M	10-24119-2		Flange	09-1027B-1
	KE 75	10-35167-1		Flange	09-810B-1
	S 4	–		Flange	09-1028B
W					
Watermota	Sea Cub Mk2	10-35038-2		Foot	09-808B-1
	Alpha Canal Star 18	10-35241-2		Flange	09-810B-1
	Alpha Sailboat 20	10-35241-2		Flange	09-810B-1
	Alpha Workboat 20	10-35241-2		Flange	09-810B-1
	Alpha Sailboat 30	10-35241-2		Flange	09-810B-1
	Alpha Workboat 30	10-35241-2		Flange	09-810B-1
	Sea Panther 30	10-24214-4		Flange	09-810B-1
	Alpha Sailboat 40	10-35241-2		Flange	09-810B-1
	Alpha Workboat 40	10-35241-2		Flange	09-810B-1
	Sea Wolf 40	10-35098-4		Flange	09-1026B-1
	Sea Tiger 50	10-35098-4		Flange	09-1026B-1
	Alpha Sailboat 55	10-35241-2		Flange	09-810B-1
	Sea Panther 60	10-24214-4		Flange	09-810B-1
	Sea Horse 70	10-24214-4		Flange	09-810B-1
	Sea Panther 75	10-24214-4		Flange	09-810B-1
	Sea Ranger 90	10-24451-01		Flange	09-1027B-1
	Sea Horse 100	10-24230-3		Flange	09-1027B-1
	Sea Ranger 125	10-24445-01		Flange	09-1028B
	Sea Horse 130	10-24230-3		Flange	09-1027B-1
	Sea Lion 140	10-24139-4		Flange	09-1028B
	Super Lion 170	10-24139-4		Flange	09-1028B
	Super Lion 240	10-24139-4		Flange	09-1028B

! Pump art no in brackets = replacement pump A) *Pump discontinued* B) *Only available to manufacturer* ** with flange* *** without flange*

Manufacturer	Engine Description	JP Pump art. no.	Note	Mounting	JP Impeller art. no.
Westerbeke	10 kW and up	10-35216-1	B)	Flange	09-810B-1
	8-10 kW	10-35038-7	B)	Flange	09-808B-1
Y					
Yamaha	6TA	10-24562-01	B)	Flange	09-812B-1
	6TC	10-24563-01	B)	Flange	09-812B-1
	ME 370 STi	10-24412-02	B)	Flange	09-812B-1
	ME 420 STi	10-24432-02	B)	Flange	09-812B-1
	N57	10-24633-01	B)	Flange	09-812B-1
	N60	10-13376-01	B)	Flange	09-812B-1
Yanmar	2 GM 20F	–		Flange	09-1026B-1
	2 GM/GM 20	–		Flange	09-806B-1
	2 QM 15/20	–		Flange	09-1026B-1
	3 GM	–		Flange	09-806B-1
	3 GM 30F	–		Flange	09-1026B-1
	3 HM/HM 35/HM 35F	–		Flange	09-1026B-1
	3 JH 2/JH TBE	–		Flange	09-1027B-1
	3 QM 30	–		Flange	09-1026B-1
	4 JH UTE	–		Flange	09-1027B-1
	4 JH/JH TE/JH HTE/JH DTE	–		Flange	09-1027B-1
	4 JIH2E/JIH2 TE	–		Flange	09-1027B-1
	4 JM TE	–		Flange	09-1027B-1
	4 LH TE/LH HTE/LH DTE	–		Flange	09-1028B
	SB 8/12	–		Flange	09-806B-1
	YSB 8/12	–		Flange	09-806B-1
	YSE 8/12	–		Flange	09-806B-1
	YSM 8/12	–		Flange	09-806B-1
Yanmar from modell year 97	2GM…	10-24509-02	B)	Foot	09-810B-1
	2GMF…	10-24509-01	B)	Foot	09-810B-1
	2YM, 3YM	10-13337-01	B)	Foot	09-810B-1
	3GM…	10-24509-02	B)	Foot	09-810B-1
	3GMF…	10-24509-01	B)	Foot	09-810B-1
	3JH…	10-24508-04	B)	Flange	09-1027B-1
	3JH4, 4JH4	10-13328-03	B)	Flange	09-1027B-1
	4BY, 6BY	10-13374-01	B)	Flange	09-1028B
	4JH…	10-24508-04	B)	Flange	09-1027B-1
	4LH…	10-24535-01	B)	Flange	09-1028B
	6LP…	10-24493-01	B)	Flange	09-812B-1
	6 LY2	10-13170-01	B)	Flange	09-821B
	6 LY3	10-13286-01	B)	Flange	09-821B
	6 SY-STP, 8SY-STP	10-24308-02	B)	Flange	09-814B
York Power	4 cyl	10-24228-1		Flange	09-1027B-1
Zenith/Isuzu	3LB1 and 3LD1 with PTO	10-24749-01		Flange	09-810B-1
	2CA1	10-24570-01		Foot	09-810B-1
	3CA1/3CB1/3CD1 without PTO	10-24749-01		Flange	09-810B-1
	3CB1 with PTO	10-24749-01 (modified)		Flange	09-810B-1
	3CD1/3CD1T with PTO	10-24749-01		Flange	09-810B-1
	4JG2 Gen-set	10-24571-01		Foot	09-1027B-1
	4BG1/6BG1 Gen-set	10-24572-01		Foot	09-1027B-1

Parts cross reference list

Jabsco
X
Johnson
Pump

Jabsco is the registered brandname of ITT Jabsco, a part of ITT Fluid Technology Corporation and a member of ITT Industries

Jabsco is the registered brandname of ITT Jabsco, a part of ITT Fluid Technology Corporation and a member of ITT Industries

Parts cross reference list

Jabsco *X* Johnson Pump

Cam 554
Endcover 554
Gasket 554
Impeller 554
Key 555
Lip seal 555
Mechanical seal 555
Pump 555
Pump body 559
Retaining ring 559
Screw 559
Shaft 559
Slinger 559
Washer 559
Wearplate 559

Jabsco is the registered brandname of ITT Jabsco, a part of ITT Fluid Technology Corporation and a member of ITT Industries

Description	Version	Jabsco art. no.	JP art. no.
Ball bearing		SP2600-06	05-08-126
Cam			
		490	01-42397
		834	01-42680
		934	01-42679
		2431	01-42584
		2441	01-45084
		2551	01-42755
		3255	01-42442
		6988	01-43137
		10338	01-45014
		10818	01-42389
		22039	01-43135
		22268	01-43138
		29303	01-42910
		2907-0001	01-45288
		29303-01	01-42415
		AL8	01-42910
		AL8-01	01-42415
Endcover		3992	01-42398
		3993	01-42441
		5522	01-42414
		9336	01-42422-1
		9406	01-42388-2
		9905	01-42388-1
		11515	01-35043
		11635	01-32605
		11689	01-35048
		29305	01-43239
		29475	01-45282
		AL6-200	01-42414
Gasket		816	01-42424
		890	01-42445
		1126	01-42911
		2553	01-42424
		3298	01-42401
		4788	01-42417
		4908	01-42636
		10817	01-42391
		29308	01-43240
Impeller		1210-0001	09-1027B
		1210-0003	09-1027B-9
	USA	13554-001	09-812B
	USA	17935-0001	09-1029B
	USA	17935-0001	09-819B
	USA	17935-0003	09-1029B-9
	USA	17935-0003	09-819B-9

Description	Version	Jabsco art. no.	JP art. no.
Impeller, cont'd	USA	17936-0001	09-814B
		17937-0001	09-1028B
		17937-0003	09-1028B-9
		18653-0001	09-810B
	EUR	21676-0001	09-814B
		22405-0001	09-808B
		4528-0001	09-806B
		4568-0001	09-801B
		6303-0003	09-824P
		673-0001	09-1026B
		673-0003	09-1026B-9
		6760-0001	09-802B
	EUR	836-0001	09-1029B
	EUR	836-0001	09-819B
	EUR	836-0003	09-1029B-9
	EUR	836-0003	09-819B-9
Key		X4000-567A	05-03-125
Lip seal		SP2700-48	05-29-142
		SP2701-04	05-29-120
		SP2701-11	05-29-117
Mechanical seal		22617-0010	09-20-115
Pump		9700	10-24014-
		9900	10-35098-4
		10670	10-22162-1
		10970	10-24215-1
		21770	10-42864-1
		10490-207	10-22346-1
		10550-200	10-22044-1
		10550-237	10-22044-1
		10630-0041	10-13024-3
		10630-07	10-13024-1
		10630-07	10-22047-1
		10630-57	10-13024-5
		10670-01	10-22162-2
		10670-10	10-22162-3
		10670-11	10-22162-4
		10670-200	10-13022-1
		10670-200	10-13022-5
		10670-201	10-13022-2
		10670-201	10-13022-6
		10670-210	10-13022-3
		10670-210	10-13022-7
		10670-211	10-13022-4
		10670-211	10-13022-8
		10680-200	10-22362-1
		10680-201	10-22362-2
		10680-210	10-22362-3

Description	Version	Jabsco art. no.	JP art. no.
Pump, cont'd		10680-211	10-22362-4
		10770-0051	10-24315-01
		10770-0151	10-24026-1
		10770-0251	10-24027-1
		10770-57	10-21915-1
		10800-21	10-11236-2
		10800-21	10-22139-1
		10880-0101	10-24091-1
		10880-0151	10-24091-2
		10880-0151	10-24091-3
		10950-200	10-22143-1
		10950-201	10-22143-1
		10950-201	10-24140-1
		10950-204	10-22143-2
		10950-204	10-24228-1
		10950-214	10-24140-2
		10950-2401	10-24140-1
		10950-2451	10-24140-2
		10950-2601	10-24140-3
		10980-0051	10-22096-1
		10980-0051	10-22096-3
		10980-01	10-22096-2
		11000-01	10-24090-1
		11100-0101	10-24096-4
		11100-0141	10-24096-2
		11100-0151	10-24096-3
	US	11810-0121	10-24188-4
	US	11810-0241	10-24188-5
	US	11810-0321	10-24188-6
	US	11860-0005	10-24071-17
	US	11860-0005	10-24071-98+05-32-1
	US	11860-0006	10-24071-18
	US	11860-0006	10-24071-98+05-32-2
	US	11860-0007	10-24071-33
	US	11860-0007	10-24071-98+05-32-5
	US	11870-0005	10-13022-33
	US	11870-0005	10-13022-95+05-32-1
	US	11870-0006	10-13022-34
	US	11870-0006	10-13022-95+05-32-2
	US	11870-0007	10-13022-65
	US	11870-0007	10-13022-95+05-32-5
		14940-	10-24180-
	US	1673-1001	10-24073-5
	US	1673-1003	10-24073-7
	US	1673-1051	10-24073-6
	US	17250-0003	10-32579-3
	US	18330-0000	10-13027-25
	US	18330-0000	10-13027-98+05-32-1
	US	18330-0001	10-13027-26
	US	18330-0001	10-13027-98+05-32-2
	US	18330-0002	10-13027-49

Description	Version	Jabsco art. no.	JP art. no.
Pump, cont'd	US	18330-0002	10-13027-98+05-32-5
	US	18370-0000	10-13026-7
	US	18590-0000	10-24453-01
	US	18590-0001	10-24453-02
		21140-2401	10-24139-1
		21140-2441	10-24139-2
		21140-2601	10-24139-3
		21140-2641	10-24139-4
		21690-200	10-22355-1
		21690-205	10-22355-2
		21700-	10-24188-
		21820-2001	10-24073-1
		21820-2051	10-24073-2
	US	21960-200	10-24071-1
		21960-200	10-24116-1
		21960-210	10-24071-3
		21960-210	10-24116-3
		21960-211	10-24071-4
		21960-211	10-24116-4
		21960-221	10-24071-2
		21960-221	10-24116-2
		22040-0501	10-24239-2
		22320-200	10-32588-1
	US	22740-0000	10-24232-1
		22940-2001	10-35038-1
		22950-2031	10-24074-1
		22950-2033	10-24074-2
		22950-2051	10-24074-3
		22950-2053	10-24074-4
		23010-0501	10-13064-2
		23430-1001	10-24127-1
		23430-1041	10-24127-2
		23430-1201	10-24244-
		23430-1441	10-24218-1
		23430-1601	10-24127-
	US	23800-0201	10-24232-1
	US	23800-0251	10-24228-1
	US	2620-1001	10-35038-4
		29300-2101	10-35118-1
		29300-2101	10-35157-3
		29300-2401	10-35187-1
		29440-1001	10-24214-4
		29440-1101	10-24290-1
		29470-2031	10-35127-1
		29470-2131	10-35161-1
		29470-2231	10-35098-2
		29470-2301	10-35167-3
		29470-2331	10-35167-1
		29470-2351	10-35167-2
		29480-2031	10-35240-1
	US	3270-0001	10-24119-2

Description	Version	Jabsco art. no.	JP art. no.
Pump, cont'd		3270-200	10-24119-2
		3270-205	10-24119-3
		3270-2101	10-24119-8
		3270-2301	10-35100-1
		3270-2401	10-24119-7
		3270-241	10-24119-6
		3270-261	10-24119-4
		3270-261	10-24119-4
		3270-261	10-24119-4
		3270-261	10-24119-4
		3270-261	10-24119-4
		3270-261	10-24119-4
		3270-261	10-24119-4
		3270-261	10-24119-4
		3270-271	10-24119-1
	US	36960-0000	10-13083-01
	US	36970-1000	10-13083-02
		52080-2003	10-24070-2
		52080-2011	10-24070-1
		52080-2021	10-24070-3
		52200-2003	10-13021-2
		52200-2011	10-13021-1
		52200-2021	10-13021-3
		52270-2011	10-13026-1
		52270-2011	10-13026-1
		52270-2041	10-13026-2
		52270-2041	10-13026-5
	US	6360-1001	10-24182-3
	US	6370-1001	10-24182-4
	US	6380-1001	10-24182-6
	US	6400-0004	10-13021-9
	US	6400-0004	10-13021-95
	US	6400-0051	10-13021-11
		6400-2001	10-13021-1
		6400-2041	10-13021-3
		6400-237	10-13021-2
		6420-2001	10-24070-1
		6420-204	10-24070-4
		6420-2041	10-24070-3
		6420-237	10-24070-2
	US	777-0001	10-24070-5
	US	777-0003	10-24070-6
	US	8860-0001	10-24180-3
	US	8860-0001	10-24182-3
	US	8870-0001	10-24180-4
	US	8870-0001	10-24182-4
		9700-151	10-24014-
		9700-21	10-24014-1
		9700-21	10-24014-1
		9700-21	10-24014-1

Description	Version	Jabsco art. no.	JP art. no.
Pump, cont'd		9700-21	10-24014-2
	US	9900-0001	10-35098-4
		Intermed.Pupp	10-24182-
		Intermed.Pupp	10-24516-
		Minipuppy	10-24180-
		Waterpuppy	10-24512-
Pump body		9904	01-31902
		10634	01-11206
		10329-200	01-21862-2
		10554-200	01-31927-2
		11264-200	01-31935
		11634-14	01-11367-3
		11634-200	01-11367-4
		11634-26	01-11367-2
Retaining ring		SP1700-62	05-34-105
Screw		SP1002-01	05-04-122
		SP1002-01	05-04-123
		SP1002-01	05-04-553
		SP1002-02	05-04-115
		SP1002-09	05-04-114
		SP1003-09	05-04-117
		SP1003-09	05-04-175
		SP1004-09	05-04-107
		SP1004-11	05-04-144
		SP1005-04	05-04-108
		SP1005-05	05-04-147
		SP1095-09	05-04-105
		SP1095-28	05-04-128
		SP1105-03	05-04-115
		SP1105-04	05-04-148
Shaft		9907	01-42390
		11227	01-42416
Slinger		3181	01-42427-15
		SP1700-62	01-42402
Washer		SP1062-06	05-01-115
		SP1602-02	05-01-115
Wearplate		2574	01-42423
		4156	01-42443
		9996	01-42399
		29306	01-45087

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