



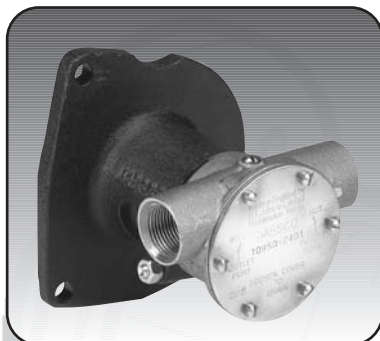
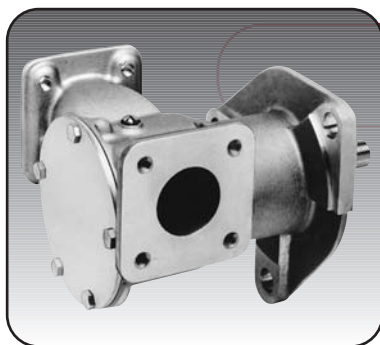
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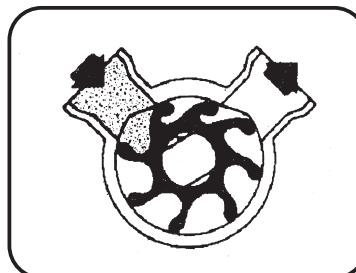
JABSCO®

General  
Introduction

## Flexible Impeller Pumps -

Jabsco original Flexible Impeller Pumps -  
Pedestal, Clutch & Engine Cooling

## How it works:



Flexible vanes create increased volume when leaving the eccentric cam creating a vacuum thus drawing in liquid, instantly priming the pump.



As the flexible vanes rotate, the liquid is carried through the pump from the inlet to outlet port, each successive vane drawing in liquid.



When the flexible vanes again contact the eccentric cam they bend with a squeezing action which provides a continuous, uniform discharge of liquid.

## Features:

- **Versatile:** The flexible impeller pump combines the priming feature of positive displacement type pumps with the general transfer ability of centrifugals. It will pump either thin or viscous liquids and can handle more solids in suspension than other types of rotary pumps. It operates at low or high speeds - can be mounted at any angle and pumps in either direction with equal efficiency.
- **Self-Priming:** Pumps instantly, with dry suction, lifts up to 10ft (3m); up to 25ft (8m) when wetted. Permits cleaner, safer installations. No foot valve required.
- **Simplicity:** One moving part - a tough, long-lived, wear-resistant flexible impeller, lubricated by the liquid being pumped. No metal-to-metal pumping action - no gears to jam, clog or become noisy.
- **More Capacity:** Flexible impeller pumps, in general, require less space because they deliver greater flow for weight, size and price than other types of pumps.

*The data given for the engine cooling systems and pump selection is for guidance only. It does not cover High Performance Engines. You should always consult the Engine Mariner.*

## Pressure Ranges

Standard Impellers

Suitable for continuous operation  
up to the following limits:

- 1/4", 3/8" and 1/2" port sizes to 40ft (12m) head, 17.3psi (1.2 bar).
- 1" to 2" port sizes to 70ft (20m) head, 30.3 psi (2 bar).

Special high pressure impellers

Available for certain models.  
Impeller life will be extended by  
operating in the lower portion of  
recommended pressure range.

## Temperature Range

- 45° to 180°F (7° - 80°C)

For fluids less than 45°F (7°C)  
consult with the factory.

## Operating Speeds

Plain Bearing Pumps

- Do not exceed 2100 RPM.

Ball Bearing Pumps

- 1/4" or 1/2" ports: 3600 RPM max.
- 3/4" or 1" ports: 3000 RPM max.
- 1 1/4" ports: 2200 RPM max.
- 2" ports: 2200 RPM max.



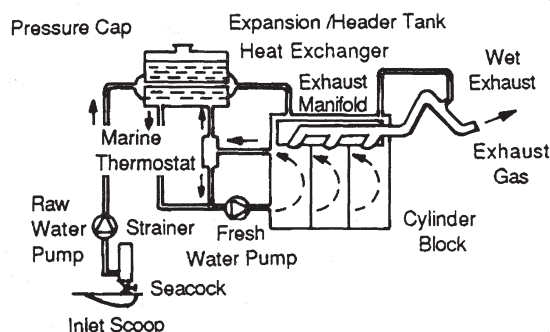
It is important that Jabsco engine cooling pumps and systems are matched during the design of ship's engine installations. Once installed, safety margins must be safeguarded, i.e. the emphasis must be on PREVENTIVE, not corrective maintenance.

Cooling systems most commonly used for marine propulsion engines are:

- Heat exchanger cooling
- Keel cooling
- Direct cooling

## Heat Exchanger Cooling

This is also known as a closed system, i.e. the primary cooling circuit is isolated from the surrounding atmosphere. A centrifugal pump circulates fresh, treated water through the cylinder block passages and around the tube stack of a heat exchanger. The Jabsco raw water pump draws raw water (from sea or lake) through the ship's hull inlet and pumps it through the heat exchanger tubes where it removes the heat transmitted from the primary circuit before discharging overboard.



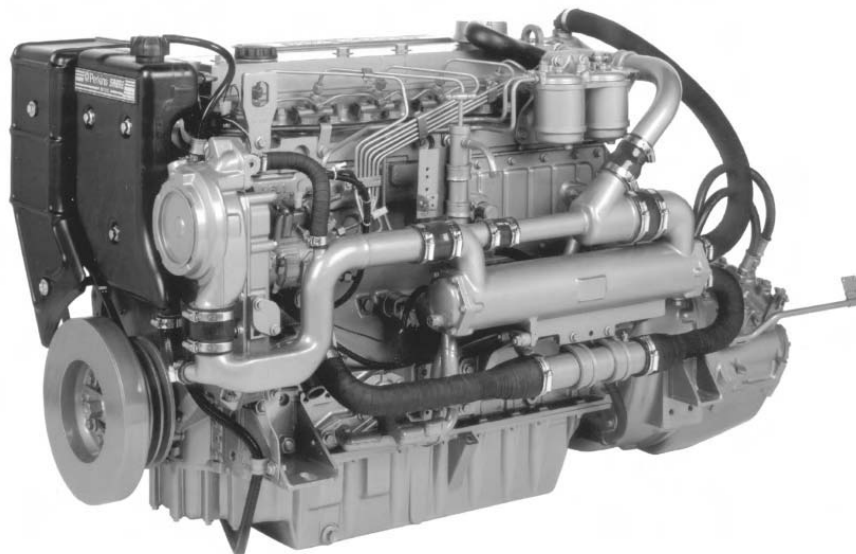
The **heat exchanger**, which can be single-pass or two-pass type, should be capable of handling approximately 10% more than the maximum engine heat rejection rate and may be fitted separately or as an integral part of the expansion/header tank. This tank allows venting of air or combustion gases absorbed by the cooling water during engine operation and provides a positive pressure on the fresh water pump inlet. This pump, fitted in the coldest part of the primary circuit, has a capacity which will maintain a water temperature differential of approximately 45° F (8°C) across the cylinder block at full load. The engine operating temperature is regulated by a marine thermostat to about 185° F (85°C) on most engines. To provide an adequate safety margin for commercial diesel engines, which may be expected to operate more than 2500-3000 hours per year, size and rpm of the Jabsco raw water pump should be selected to give a flow capacity of approximately 15 GPM for every 100 HP maximum engine load and rpm.

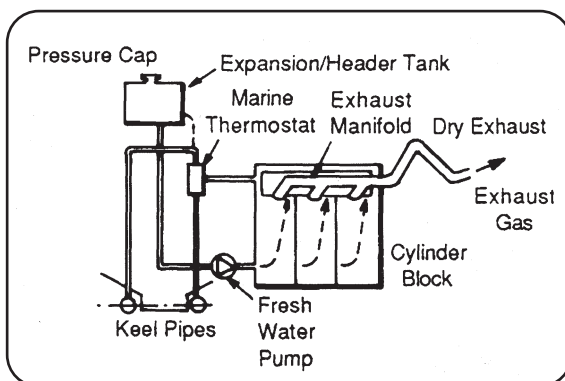
If an exhaust manifold is fitted in the raw water or fresh water circuit, the raw water pump flow capacity should be 10-15% higher.

**Additional coolers**, such as oil coolers, charge air coolers, must be fitted AFTER the pump but in a compromise between reliability, size and weight, and pump delivery. Head should be about 10-13 psi of water at maximum rpm.

**Safety margins in pump inlet systems**, are extremely critical so any restrictions or bends, other than seacock and inlet strainers, are to be avoided at all costs (see also Suction Systems).

Raw water from the exhaust manifold is often injected into the exhaust pipe (AFTER an exhaust elbow to prevent raw water flowback into the cylinders) which may then be ducted through areas where a hot pipe would create a hazard. This is known as a WET EXHAUST system. In addition, mixing of water with exhaust gases will reduce exhaust noise. However, on small engines the raw water flow should not be less than 2½-4 GPM for adequate silencing.





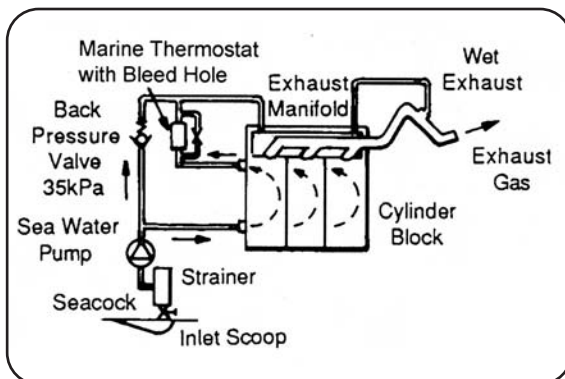
## Keel Cooling

In principle this is similar to a heat exchanger cooled system but raw water circuit and heat exchanger have been replaced by pipes attached externally to the vessel's keel.

**Pipe bore and surface area** must be adequate for effective dissipation of heat from the primary circuit to sea or river water. In some installations where, due to system pressure losses through keel pipes, cylinder block and exhaust manifold, the flow capacity of the centrifugal circulating pump is insufficient, a Jabsco pump may be used (flow capacity approximately 30 GPM for every 100 HP at maximum engine load and rpm). Alternatively, the ship's steel hull may be used as the cooling surface and the heat transmitted directly to the surrounding sea or river water from a tank welded inside to the bottom.

The "dry" exhaust can be made a "wet" exhaust by a separate raw water pump.

The expansion/header tank may be fitted separately in which case it must be connected directly to the circulating pump inlet and the primary circuit adequately vented into the tank.



## Direct Cooling

**Raw water** is pumped directly through the engine block. However, as the temperature of the water entering the block is ambient, the outlet temperature needs to be much lower than in an indirect cooled engine, to reduce the formation of scale and salt deposits and thermal stresses in the cylinder block.

**Lower operating temperature** means that engine performance will be considerably less efficient and direct cooling systems should therefore not be used on commercial craft engines.

**For weekend pleasure craft** engines which operate no more than 50-100 hours per year, reliability margins will probably be maintained for a number of years until deposits in the engine cooling passages will begin to affect heat transfer to the cooling water.

**Engine operating temperature** is best controlled by a marine thermostat, rather than a manually operated valve.

**For cold engine start**, the thermostat will be closed and most of the cooling water (about 10 GPM for every 100 HP at full load and speed) will bypass the engine via a spring loaded back pressure valve and discharge into the exhaust manifold. A small bleed hole in the thermostat will ensure a slow circulation of cooling water through the cylinder block to prevent 'hot spots' while the engine is warming up.



## Safety Margins

The raw water flow capacities indicated earlier are for diesel engine cooling systems and include a safety margin of some 30% to ensure adequate engine cooling under adverse operating conditions.

As gasoline engines, unlike diesel engines, have a high heat rejection rate at idling speed, an increase in pumpflow capacity of some 10% at maximum rpm is recommended.

While flow capacities can be affected by salt deposits or scale in pipes due to operation in tropical regions, seawater pollution or age and wear of pumps and systems in general, this is usually a gradual process with ample warning that preventive maintenance becomes desirable.

Far more serious is a reduction in cooling water flow due to adverse conditions caused by inadequate system.

When marine vegetation such as seaweed gets stuck in seawater inlet strainers of insufficient mesh or hole size, this can cause a significant reduction of the cooling water supply to the pump.

On the other hand, no amount of pump flow capacity will safeguard against a sudden but total blockage, for example, a plastic bag covering up the hull inlet. System safety margin can be substantially increased by providing two separate hull inlets usually on either side of the keel joining the pump inlet pipe below the water line. In actual practice the likelihood of both inlets being covered simultaneously has been found to be insignificant.

As heat exchanger and cooler manufacturers' recommendations for a given engine performance and corresponding pump flow will include appropriate safety margins for minimum and maximum flow, it should be kept in mind that excessive water velocities through the heat exchanger pipes due to "over kill," i.e. fitting oversize cooling pumps, may cause pipe erosion and accelerated pump wear through excessive pump operating pressures.

Low water velocities through heat exchanger tubes, on the other hand, could result in the formation of sludge. Therefore, too small a pump (insufficient safety margins) may cause inefficient operation of heat exchangers and coolers for much of the time.

## Suction System

To provide reliable performance under seagoing conditions, a raw water cooling pump must operate in a correctly designed cooling system. It is, therefore, essential that cooling water should reach the pump without having to overcome undesirable resistance or restrictions

The following general rules are given for guidance.

**Suction pipe bore** must not be smaller than the pump inlet connection but if total suction pipe exceeds 10 feet in length the bore should be one size larger, particularly if the pump is operated at high speeds (see performance graphs). Use the same size bore pipe throughout, i.e. avoid sudden enlargements or contractions. Use long tapered sections of pipe at any change in pipe bore.

The suction pipe run should be as straight as possible, i.e. avoid unnecessary bends. Do not use square or standard elbows, instead use long sweep bends.

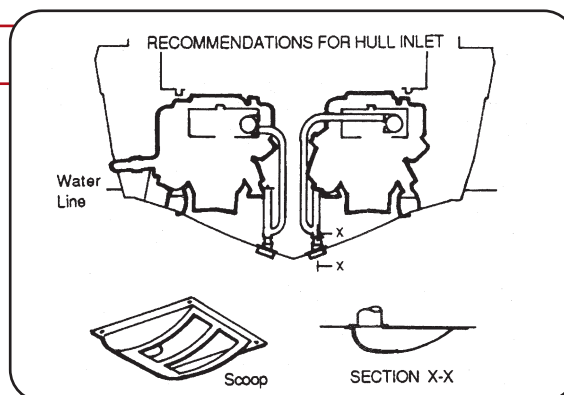
**DO NOT** fit gearbox or engine oil coolers in the pump suction system. Always install after the pump.

**Seacocks** of the same nominal size as the suction pipework should be of the ball or plug type giving full through bore in the open position. The handle position should clearly indicate whether seacocks are open or closed.

**Seawater inlet strainers** should have a hole or mesh size of at least  $\frac{1}{8}$ " diameter and up to  $\frac{3}{16}$ " for larger pumps but smaller than the heat exchanger tube bore.

Check frequently that inlet strainer is not clogged. If in doubt clean thoroughly.

**Fast boats** (over 12-15 knots) and planing craft, must be fitted with inlet scoops positioned in a permanently wetted area of the ship's hull, to create sufficient inlet pressure at higher boat speeds. Flush inlet fittings are not suitable for fast boats.





## Pump Selection

Most proprietary marine engines are already fitted with specially adapted flange mounted Jabsco cooling pumps driven by gears or couplings of various descriptions.

A belt drive from the crankshaft pulley will enable almost any standard foot mounted bronze Jabsco pump to be selected provided that the required cooling flow rate is obtained without operating the pump at excessive speeds (see also performance graphs).

Global cooling water requirement for each 100 HP at maximum engine load and rpm (see under Engine Cooling Systems).

### Diesel Engines

|                        |                                     |
|------------------------|-------------------------------------|
| Direct cooling         | 12 usgpm (45 lpm)<br>(raw water)    |
| Heat exchanger cooling | 18 usgpm (68 lpm)<br>(raw water)    |
| Keel cooling           | 36 usgpm (136 lpm)<br>(fresh water) |

### Gasoline Engines

Increase diesel engine figures by about 10%

If exhaust manifolds are water cooled increase pump capacity by a further 10-15%.

## Pump Types

Selection may depend upon pump speed, space available and type of drive.

### Plain Bearing Pumps

Maximum operating speeds.

|                     |                      |
|---------------------|----------------------|
| <b>Belt drive</b>   | <b>1500-2000 rpm</b> |
| <b>Direct drive</b> | <b>2000-2500 rpm</b> |

The stainless steel shaft runs directly on the seawater resistant bronze body material containing 10% lead. Shaft sealing is invariably graphite impregnated gland packing which offers low cost reliability where a slight leakage, necessary for gland lubrication, is acceptable.

### Ball Bearing Pumps

For pump speeds in excess of 2500 rpm ball bearing pumps should be used. Depending on size and duty, speeds of up to 5000 rpm are possible but special attention to suction system conditions is then required (consult Jabsco).

Ball bearing pumps are available in heavy duty and compact types.

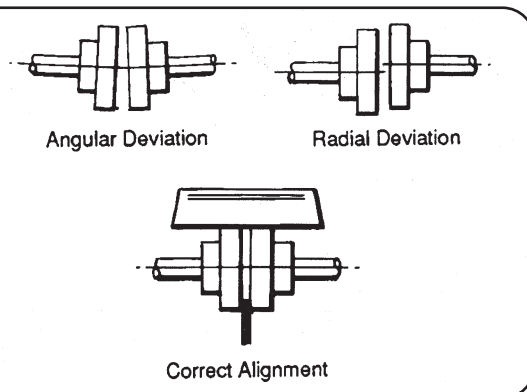
### Heavy Duty Pumps

This range is designed with two spaced bearings and mechanical rotary face seals to meet high reliability criteria under adverse operating conditions, i.e. excessive belt tension, high operating pressure, abrasive conditions such as are found in shallow waters or in-shore operation. Pump bodies are either bolted to a bearing housing or body and bearing housing are a single integral casting. These types of pumps are often unique to the application but some varying pump types can share common bearing housings.

### Compact Pumps

This pump range is fitted with double row ball bearings providing a low cost compromise between overall pump length and a limited heavy duty capability.

Bearings are shielded, ensuring permanent lubrication by the special grease.



## Pump Drive Failure

The majority of pump failures are caused by badly designed pump systems. Secondary causes of pump problems are unsatisfactory drive arrangements.



## Pump Drives

### Direct Drives

Misalignment between pump and drive shafts is a common cause of pump failure.

A flexible coupling is only "flexible" within limitations specified by the manufacturer. Excessive misalignment, particularly at high pump speeds, can cause noise, knocking, vibration, premature bearing failure, usually followed by pump leakage.

### Belt Drives

The pump speed is determined by the engine pulley diameter and the need to maintain the pump pulley at a practical maximum size. Some engine crankshaft pulleys incorporate vibration dampening membranes resulting in large diameters at the V groove. To lower pump speed relative to engine speed, it is necessary to use a pulley on the pump that is larger than the drive pulley. High engine speeds may, therefore, require oversize pump pulleys which preclude the practicality of a belt drive. Calculating a suitable size pump pulley (example):

$$\frac{\text{Drive pulley diameter}}{\text{Pump pulley diameter}} \times \text{Engine speed} = \text{Pump speed}$$

Excessive drive belt tension will cause rapid belt wear and may result in premature bearing failure. It should be possible to deflect a correctly tensioned belt between pulleys approximately  $\frac{1}{2}$ "– $\frac{3}{4}$ " by applying finger pressure.

While excessive belt tension may be due to inadvertent overtightening, it should always be verified that it did not result from an inherent fault in the installation, e.g. if pump flow is insufficient due to a slipping belt caused by insufficient contact area between belt and pulley, any amount of tightening would not solve the problem permanently. Ideally, the contact area should be about  $120^\circ$  but not less than  $90^\circ$ .

If the engine is installed on flexible mountings, a belt driven pump must be mounted on the engine, never bolted to the vessel's structure. This is to avoid tensioning or slackening of the drive belt due to relative movements of the engine (see also crankshaft mounted pumps).

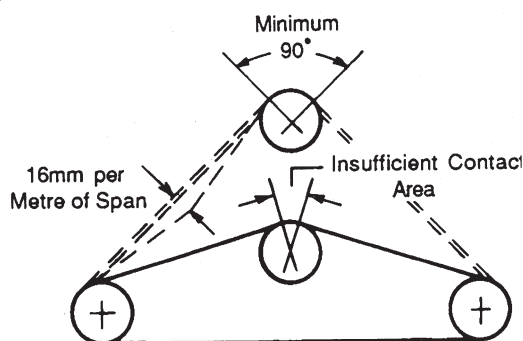
### Gear Drives

Drive gears fitted to 'heavy duty' flange mounted pumps are supported by the pump ball bearings and driven by one of the engine gears.

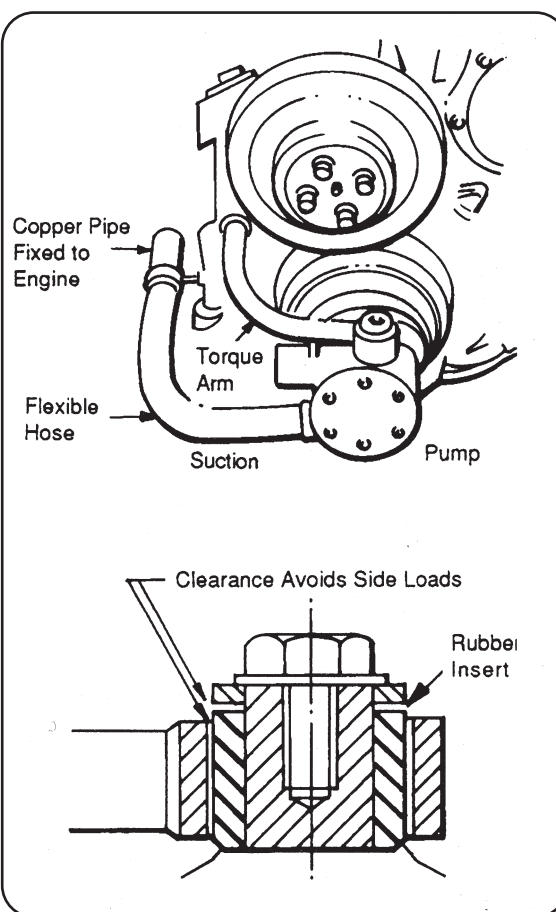
### Crank Pulley Mounted Drive

A number of Jabsco pumps specially developed for high speed operation on gasoline and diesel engines, are fitted with a rotating bearing housing bolted directly to the crankshaft pulley, thus eliminating mounting brackets, belts and pulleys.

As the pump body is supported by the ball bearing only, it must be prevented from rotating by means of a torque arm, designed and installed so as to avoid any side load on the bearing. Inlet and outlet hoses must be flexible, i.e. of adequate length (at least 10 times the hose diameter) so that the pump can be rotated freely over a few degrees by finger pressure only.



Belt Drives



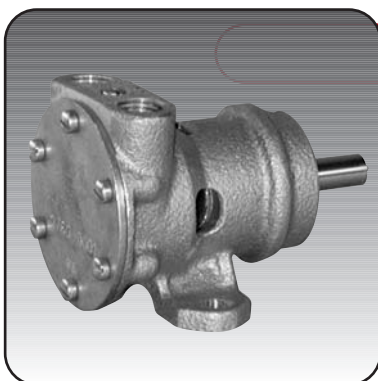
Crank Pulley Mounted Drive Installation Example



## Pulley Driven Engine Cooling and General Purpose Pumps

Flexible impeller pumps are self-priming and therefore, are ideal for engine cooling, wash-down, circulation and many general purpose on-board or dockside applications. The bronze bodies and stainless steel shafts are well suited for marine environments. They can operate in either rotational direction. A variety of models are available with flows from 3 usgpm (11 lpm) to 83 usgpm (314 lpm) and with different port orientations to suit virtually any pumping requirement. Most models have replaceable cams and wearplates for extended product life.

### Designed for North American Market



#### 2760 Series

**This pump offers all the benefits of flexible impeller pumps in a compact size with moderate flow rate and has vertically oriented ports.**

- 3.7 usgpm (14 lpm) at 10ft (3m) total head @ 1750 rpm.
- Self-priming to 10ft (3m) vertical lift.
- Lip seal.
- Neoprene or Nitrile impeller.
- Double-row ball bearing.

**Fitting:** 1/4" NPT.

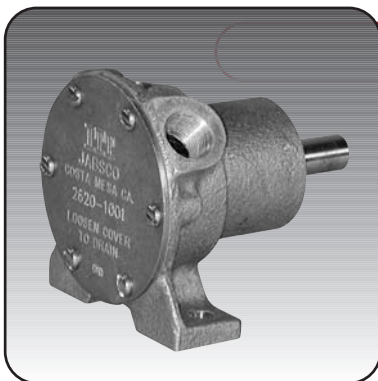
**Size:** 3 9/16" long x 2 5/16" wide x 2 7/16" high.

**Weight:** 1 1/12 lb (0.7kg)

**2760-0001** Pump with neoprene impeller, full cam and lip seal.

**2760-0003** Pump with nitrile impeller, full cam and lip seal.

*For service and spare parts listing see page 128.*



#### 2620 Series

**This pump offers all the benefits of flexible impeller pumps in a compact size with moderate flow rate and ports oriented at approximate 45° angles.**

- 5.8 usgpm (22 lpm) at 10ft (3m) total head @ 1750 rpm.
- Self-priming to 10ft (3m) vertical lift.
- Lip seal.
- Neoprene or Nitrile impeller.
- Two single row ball bearings.

**Fitting:** 3/8" NPT.

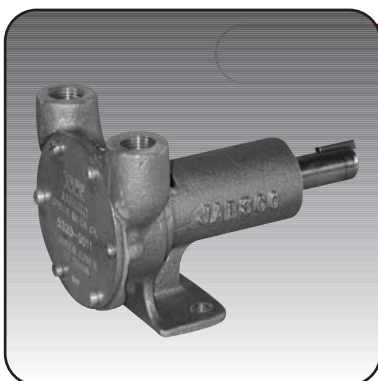
**Size:** 3 15/16" long x 3 1/18" wide x 3 9/32" high.

**Weight:** 2 3/4 lb (1.3 kg)

**2620-1011** Pump with neoprene impeller, full cam and lip seal.

**2620-1013** Pump with nitrile impeller, full cam and lip seal.

*For service and spare parts listing see page 128.*



#### 5320-0011

**This pump offers all the benefits of flexible impeller pumps in a compact size with moderate flow rate and has vertically oriented ports**

- 5.8 usgpm (22 lpm) at 10ft (3m) total head @ 1750 rpm.
- Self-priming to 10ft (3m) vertical lift.
- Lip seal.
- Neoprene impeller fitted as standard.
- Two single row ball bearings.

**Fitting:** 3/8" NPT.

**Size:** 5 15/16" long x 3 1/2" wide x 3 5/18" high.

**Weight:** 1 1/2 lb (0.7 kg)

**5320-0011** Pump with neoprene impeller, full cam and lip seal.

*For service and spare parts listing see page 130.*


**Designed for North American Market**

## 1673 Series

This pump offers all the benefits of flexible impeller pumps in a compact size with moderate flow rate and horizontally oriented ports.

- 11.3 usgpm (43 lpm) at 10ft (3m) total head @ 1750 rpm.
- Self-priming to 10ft (3m) vertical lift.
- Lip seal.
- Neoprene or nitrile impeller.
- Two single row ball bearings.

**Fitting:** 1/2" NPT.

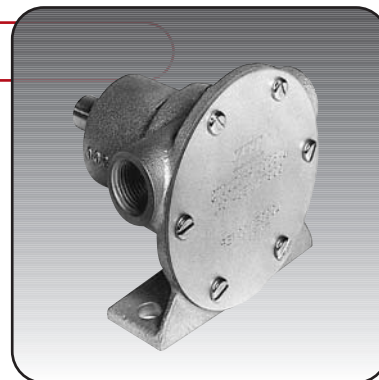
**Size:** 4 7/16" long x 4 7/8" wide x 3 13/16" high.

**Weight:** 4 1/4 lb (2 kg).

**1673-1001** Pump with neoprene impeller, full cam and lip seal.

**1673-1003** Pump with nitrile impeller, full cam and lip seal.

*For service and spare parts listing see page 127.*



Pulley Driven  
Pumps

# Flexible Impeller Pumps -

## 3890-9011

This pump offers all the benefits of flexible impeller pumps in a compact size with moderate flow rate and vertically oriented ports.

- 11.3 usgpm (43 lpm) at 10ft (3m) total head @ 1750 rpm.
- Self-priming to 10ft (3m) vertical lift.
- Mechanical face seal.
- Neoprene impeller fitted as standard.
- Double-row ball bearing.

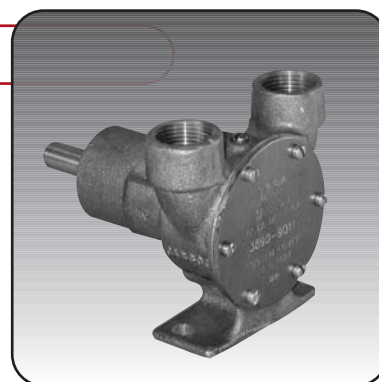
**Fitting:** 3/4" NPT.

**Size:** 5 3/16" long x 4" wide x 4" high

**Weight:** 4 lb (1.8 kg).

**3890-9011** Pump with neoprene impeller, full cam and mechanical seal

*For service and spare parts listing see page 129.*



## 5330-9101

This pump offers all the benefits of flexible impeller pumps in a mid-size package with substantial flow rate and vertically oriented ports.

- 26 usgpm (98 lpm) at 10ft (3m) total head @ 1750 rpm (full cam model).
- Self-priming to 10ft (3m) vertical lift.
- Mechanical face seal.
- Neoprene impeller fitted as standard.
- Double-row ball bearing.

**Fitting:** 1" NPT.

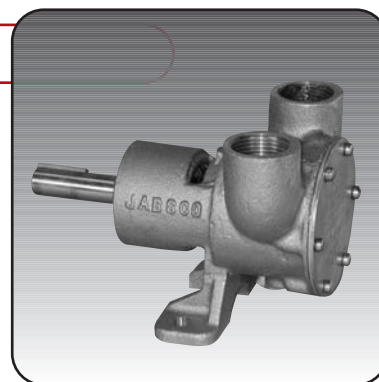
**Size:** 7" long x 4 3/4" wide x 4" high.

**Weight:** 7 lb (3.2 kg).

**5330-9101** Pump with neoprene impeller, full cam and mechanical seal

**5330-9001** Pump with neoprene Impeller, 2/3 cam and mechanical seal

*For service and spare parts listing see page 130.*





## Designed for North American Market



### 52580 Series

**This compact pump offers a compromise between pump overall size and duty capability.**

- 1,070 igph (4,850 lph) at 10ft (3m) total head @ 1,500 rpm.
- By use of optional thinner cams, variable flows are obtainable to suit individual applications.
- Self Priming up to 15ft (4.5m) vertical lift.
- The open design of this pump allows debris to pass through without affecting the flow and reliability.
- Space sealed for life bearings.

- Long-life mechanical seal.
- Neoprene impeller is fitted as standard.

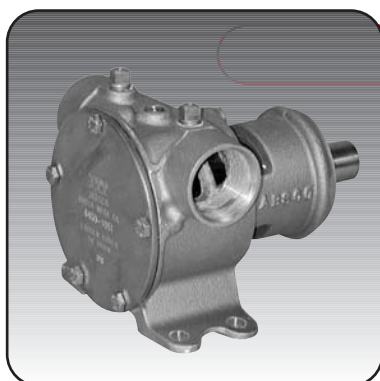
**Fitting:** 1" NPT.

**Size:** 6 1/2" long x 5" wide x 4" high.  
(180mm x 120mm x 100mm).

**Weight:** 5lb (2.1kg).

**52580-9001** Pump.

*For service and spare parts listing see page 150.*



### 6400 Series

**This pump offers all the benefits of flexible impeller pumps in a mid-size package with substantial flow rate and horizontally oriented ports.**

- 62 usgpm (235 lpm) at 10ft (3m) total head @ 1750 rpm.
- Self-priming to 10ft (3m) vertical lift.
- Mechanical face seal.
- Neoprene or nitrile impeller.
- Double-row ball bearing.

**Fitting:** 1 1/4" NPT.

**Size:** 8 1/16" long x 5 7/8" wide x 4 7/8" high.

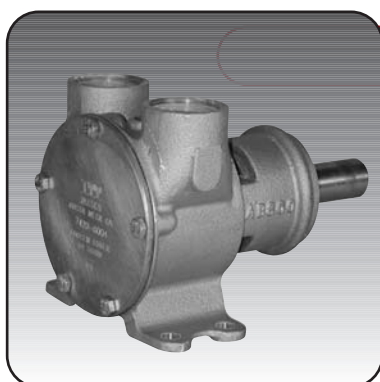
**Weight:** 10 1/2 lb (4.8 kg).

**6400-0004** Pump with neoprene impeller, full cam and mechanical seal.

**6400-0051** Pump with neoprene impeller, half cam and mechanical seal.

**6400-1051** Pump with neoprene impeller, half cam, mechanical seal, and short shaft for caterpillar engines.

*For service and spare parts listing see page 130.*



### 7420 Series

**This pump offers all the benefits of flexible impeller pumps in a mid-size package with substantial flow rate and vertically oriented ports.**

- 62 usgpm (235 lpm) at 10ft (3m) total head @ 1750 rpm.
- Self-priming to 10ft (3m) vertical lift.
- Mechanical face seal.
- Neoprene impeller.
- Double-row ball bearing.

**Fitting:** 1 1/4" NPT.

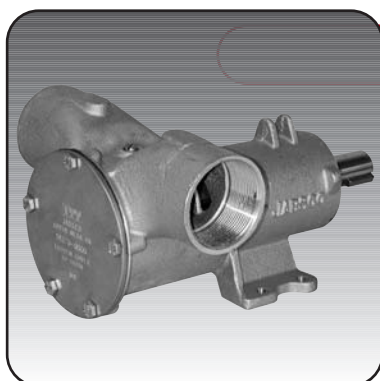
**Size:** 8 1/16" long x 5 7/8" wide x 5 1/16" high.

**Weight:** 10 1/2 lb (4.8 kg).

**7420-0004** Pump with neoprene impeller, full cam and mechanical seal.

**7420-1001** Pump with neoprene impeller, full cam, mechanical seal, and short shaft for caterpillar engines.

*For service and spare parts listing see page 132.*



### 18370-0000

**This pump is the largest pedestal mount flexible impeller utility type pump and provides the greatest flow rate and horizontally oriented ports.**

- 83 usgpm (314 lpm) at 10ft (3m) total head @ 1750 rpm.
- Self-priming to 10ft (3m) vertical lift.
- Mechanical face seal.
- Neoprene or nitrile impeller.
- Two single row ball bearings.

**Fitting:** 2" NPT.

**Size:** 10 7/8" long x 8" wide x 5 1/16" high.

**Weight:** 19 lb (8.6 kg).

**18370-0000** Pump with neoprene impeller, full cam and mechanical seal.

*For service and spare parts listing see page 139.*


**Designed for North American Market**

## Plain Bearing Pumps

These pumps offer all the benefits of flexible impeller pumps but in a simple basic design that includes packing type seals and grease cup lubrication. Three sizes are available with flow rates from 4 usgpm (15 lpm) to 11 usgpm (42 lpm). All have horizontally oriented ports.

- 26 usgpm (98 lpm) at 10ft (3m) total head @ 1750 rpm.
- Self-priming to 10ft (3m) vertical lift.
- Packing gland seal.
- Neoprene or nitrile impeller.

**Fitting:** 4560-Series: 1/2" NPT.  
4590-Series: 3/4" NPT.

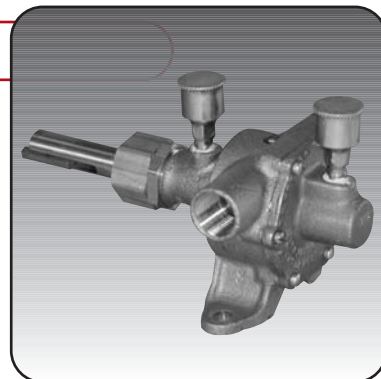
**Size:** 4560-Series: 7 1/8" long x 4 1/8" wide x 4" high.  
4590-Series: 7 7/8" long x 4 1/8" wide x 4 3/16" high.

**Weight:** 4560-Series: 3 3/4 lb (1.7 kg).  
4590-Series: 5 lb (2.3 kg).

**4560-0001** Pump with neoprene impeller.  
**4560-0003** Pump with nitrile impeller.  
**4590-0001** Pump with neoprene impeller.  
**4590-0003** Pump with nitrile impeller.

**All models have a packing type seal and full cam.**

*For service and spare parts listing see page 129.*



Pulley Driven  
Pumps

# Flexible Impeller Pumps -





## Pulley Driven Engine Cooling and General Purpose Pumps

Flexible impeller pumps are self-priming and therefore, are ideal for engine cooling, wash-down, circulation and many general purpose on-board or dockside applications. The bronze bodies and stainless steel shafts are well suited for marine environments. They can operate in either rotational direction. A variety of models are available with flows from 11 lpm (2.5 igm) to 314 lpm (69 igm) and with different port orientations to suit virtually any pumping requirement. Most models have replaceable cams and wearplates for extended product life.

### Designed for European Market



#### 29860 Series

**This compact design offers commercial users a reliable and easily maintained pump for transfer duties at high flow rates.**

- 6,336 igph (28,800 lph) at 10ft (3m) total head @ 1,500 rpm.
- Self Priming up to 18ft (5.5m) vertical lift.
- The open design of this pump allows debris to pass through without affecting the flow and reliability.
- Spaced bearings allow faster running and longer bearing life.
- Mechanical seal offers long life and reliability to commercial duty installations.

- Easily maintained and serviced using ordinary hand tools.
- Neoprene impeller is fitted as standard.

**Fitting:** 2 1/2" BSP Internal Thread/ 2 1/2" Flange.

**Size:** 13" long x 9" wide x 9" high.  
(332mm x 224mm x 220mm).

**Weight:** 28lb (12.5kg).

**29860-2201** Pump with vertical ports.

*For service and spare parts listing see page 147.*



#### 52270 Series

**This composite design offers a strong and reliable pump for adverse operating conditions.**

- 3,600 igph (16,350 lph) at 10ft (3m) total head @ 1,500 rpm.
- By use of optional thinner cams, variable flows are obtainable to suit individual applications.
- Self Priming up to 15ft (4.5m) vertical lift.
- The open design of this pump allows debris to pass through without affecting the flow and reliability.
- Spaced bearings allow faster running and longer bearing life.

- Mechanical seal offers long life and reliability to commercial duty installations.
- Neoprene impeller is fitted as standard.

**Fitting:** 2" BSP Internal Thread/  
Optional 2" Flange.

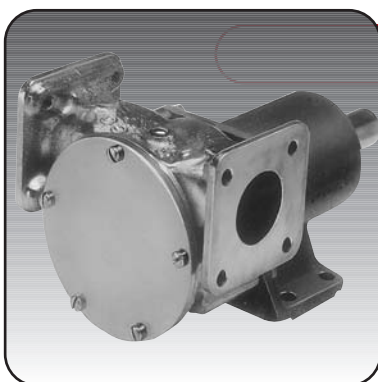
**Size:** 11" long x 7" wide x 5" high  
(276mm x 170mm x 128mm)

**Weight:** 20lb (9kg).

**52270-0011** Pump with flange ports.

**52270-2011** Pump with BSP ports.

*For service and spare parts listing see page 150.*



#### 52220 Series

**This composite design offers a strong and reliable pump for adverse operating conditions.**

- 2,600 igph (11,700 lph) at 10ft (3m) total head @ 1,500 rpm.
- By use of optional thinner cams, variable flows are obtainable to suit individual applications.
- Self Priming up to 15ft (4.5m) vertical lift.
- The open design of this pump allows debris to pass through without affecting the flow and reliability.
- Spaced bearings allow faster running and longer bearing life.

- Mechanical seal offers long life and reliability to commercial duty installations.
- Neoprene impeller is fitted as standard.

**Fitting:** 1 1/2" Flange.

**Size:** 10 1/2" long x 6" wide x 6" high  
276mm x 152mm x 146mm high.

**Weight:** 16lb (7kg).

**52220-0011** Pump.

*For service and spare parts listing see page 150.*


**Designed for European Market**

Pulley Driven  
Pumps

# Flexible Impeller Pumps -

## 52200 Series

**This compact pump offers a compromise between pump overall size and limited heavy duty capability.**

- 2,600 igph (11,700 lph) at 10ft (3m) total head @ 1,500 rpm.
- By use of optional thinner cams, variable flows are obtainable to suit individual applications.
- Self Priming up to 15ft (4.5m) vertical lift.
- The open design of this pump allows debris to pass through without affecting the flow and reliability.
- Double row angular contact bearing allows short length pump with medium duty rating.

- Mechanical seal offers long life and reliability to commercial duty installations.
- Neoprene impeller is fitted as standard.

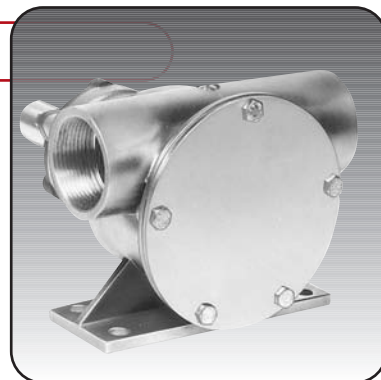
**Fitting:** 1½" BSP Internal Thread.

**Size:** 8" long x 6" wide x 5" high.  
(204mm x 150mm x 120mm).

**Weight:** 11lb (5kg).

**52200-2011** Pump.

*For service and spare parts listing see page 150.*



## 9710 Series

**This composite design offers a strong and reliable pump for adverse operating conditions.**

- 1,070 igph (4,850 lph) at 10ft (3m) total head @ 1,500 rpm.
- By use of optional thinner cams, variable flows are obtainable to suit individual applications.
- Self Priming up to 15ft (4.5m) vertical lift.
- The open design of this pump allows debris to pass through without affecting the flow and reliability.
- Spaced bearings allow faster runnings and longer bearing life.

- Mechanical seal offers long life and reliability to commercial duty installations.
- Neoprene impeller is fitted as standard.

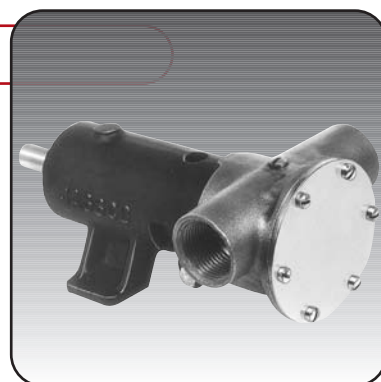
**Fitting:** 1" BSP Internal Thread.

**Size:** 9" long x 5" wide x 3" high.  
(229mm x 120mm x 80mm).

**Weight:** 8lb (3.4kg).

**9710-200** Pump.

*For service and spare parts listing see page 133.*



## 52580 Series

**This compact pump offers a compromise between pump overall size and duty capability.**

- 1,070 igph (4,850 lph) at 10ft (3m) total head @ 1,500 rpm.
- By use of optional thinner cams, variable flows are obtainable to suit individual applications.
- Self Priming up to 15ft (4.5m) vertical lift.
- The open design of this pump allows debris to pass through without affecting the flow and reliability.
- Spaced sealed for life bearings.

- Long-life mechanical seal.
- Neoprene impeller is fitted as standard.

**Fitting:** 1" BSP Internal Thread.

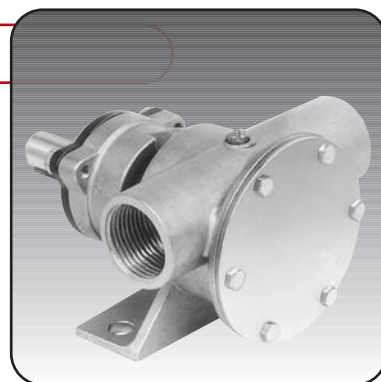
**Size:** 6½" long x 5" wide x 4" high.  
(180mm x 120mm x 100mm).

**Weight:** 5lb (2.1kg).

**52580-2001** Pump.

**50320-2001** Model available to replace Johnson 10-24070-1 with lipseal and double row bearing.

*For service and spare parts listing see page 150.*





## Designed for European Market



### 10550 Series

**This composite design offers a strong and reliable pump for adverse operating conditions.**

- 530 igph (2,400 lph) at 10ft (3m) total head @ 1,500 rpm.
- By use of optional thinner cams, variable flows are obtainable to suit individual applications.
- Self Priming up to 18ft (5.6m) vertical lift.
- Ideal for transfer duties, this pump offers a high flow to size ratio.
- Spaced bearings allow faster running and longer bearing life.

- Mechanical seal offers long life and reliability to commercial duty installations.

- Neoprene impeller is fitted as standard.

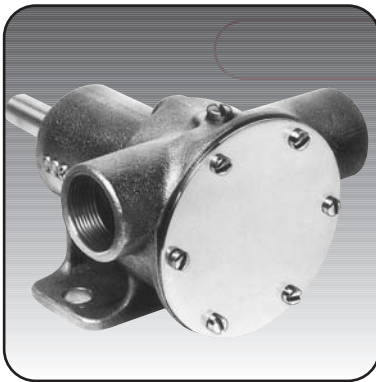
**Fitting:** 3/4" BSP Internal Thread.

**Size:** 7" long x 4" wide x 3" high  
(170mm x 106mm x 75mm)

**Weight:** 7lb (3kg).

**10550-200** Pump.

*For service and spare parts listing see page 134.*



### 52040 Series

**This compact design offers compromise between pump overall size and duty capability.**

- 530 igph (2,400 lph) at 10ft (3m) total head @ 1,500 rpm.
- By use of optional thinner cams, variable flows are obtainable to suit individual applications.
- Self priming up to 18ft (5.6m) vertical lift.
- Ideal for transfer duties, this pump offers a high flow to size ratio.
- Double row angular contact bearing allows short length pump with medium duty rating.

- Lip seal offers low cost reliability in medium duty environments.

- Neoprene impeller is fitted as standard.

**Fitting:** 3/4" BSP Internal Thread

**Size:** 5" long x 4" wide x 3" high  
(128mm x 106mm x 78mm high).

**Weight:** 3lb (1.5kg).

**52040-2001** Pump.

*For service and spare parts listing see page 150.*



### 51520 Series

**This compact pump with a new Carbon/Ceramic mechanical seal now offers commercial duty.**

- Replaces existing Jabsco and competitors pumps.
- 240 igph (1080 lph) at 10ft (3m) total head @ 1500 rpm.
- Self Priming up to 13ft (4.1m) vertical lift.
- Sealed bearings for longer life.
- Ideal for transfer duties, this pump offers a high flow to size ratio.
- Neoprene Impeller is fitted as standard.

**Fitting:** 3/8" BSP Internal Thread

**Size:** 3 3/4" long x 3" wide x 3 1/2" high  
(95.4mm x 80mm x 85mm)

**Weight:** 3lb (1.4kg).

**51520-2001** Pump.

**51520-9001** Pump (NPT Thread).

*For service and spare parts listing see page 149.*

*Replaces Johnson model F4B-8 (10-24074)*


**Designed for European Market**

## 51510 Series

**This compact pump with a new Carbon/Ceramic mechanical seal now offers commercial duty.**

- Replaces existing Jabsco and competitors pumps.
- 137 igph (630 lph) at 10ft (3m) total head @ 1500 rpm
- Self Priming up to 11ft (3.5m) vertical lift.
- Sealed bearings for longer life.
- Ideal for transfer duties, this pump offers a high flow to size ratio.
- Neoprene Impeller is fitted as standard.

**Fitting:**  $\frac{3}{8}$ " BSP Internal Thread.

**Size:**  $3\frac{3}{8}$ " long x 3" wide x  $2\frac{3}{8}$ " high (92mm x 80mm x 60mm).

**Weight:** 2lb (0.9kg).

**51510-2001** Pump

**51510-9001** Pump (NPT Thread).

*For service and spare parts listing see page 149.*

*Replaces Johnson model F35B-8 (10-35038)*



## Plain Bearing Pumps - DISCONTINUED

**The original design of Jabsco pump, this design still offers benefits to users of bronze pumps worldwide.**

- Up to 989 igph (4,500 lph) at 10ft (3m) total head @ 1,500 rpm.
- Self Priming up to 11ft (3.5m) vertical lift.
- Ideal for low pressure transfer duties where usage is at a minimum.
- Fitted grease cups offer extra shaft and body life.
- Packed gland seal offers low cost reliability.
- Neoprene impeller is fitted as standard.

**Fitting:** Up to  $\frac{3}{4}$ " BSP Internal Thread.

**Weight:** Up to 5lb (2kg).

**JD $\frac{3}{4}$ -200** Pump with  $\frac{3}{4}$ " BSP ports.

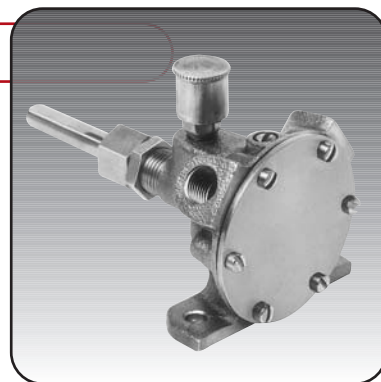
**4900-200** Pump with  $\frac{1}{2}$ " BSP ports.

**6540-200** Pump with  $\frac{3}{8}$ " BSP ports.

**AL $\frac{1}{4}$ -200** Pump with  $\frac{1}{4}$ " BSP ports.

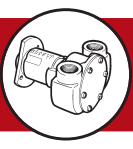
*For service and spare parts listing see pages 126 -150.*

**No longer available -  
Use North American Models Page 77**



Pulley Driven  
Pumps

# Flexible Impeller Pumps -



As originators of the flexible impeller engine cooling pump Jabsco is known worldwide for quality, reliability and serviceability.

As original equipment suppliers to engine marinizers, we also manufacture aftermarket alternatives to many original pumps. These pumps are designed to be fully serviceable and after long use can be restored to like new condition, avoiding complete pump replacement.

## Designed for North American Engines



### Jabsco 50410-Series

**Probably the best crank shaft mounted pump available.**

- Fits all major V8 engines.
- Lip or Mechanical Seals available.
- Specially designed impeller for longer life.
- Supercedes 22110 series pumps

**Fitting:** 1.25" (32mm) ID Hose

**Size:** 50410-1201/1301: 5" x 4.5" x 4.5"  
(13cm x 11cm x 11cm)

50410-1401/1501 4.5" x 4.5" x 4.5"  
(11cm x 11cm x 11cm)

**Weight:** 5lb (2.2 kg)

**50410-1201** 454CI Chevrolet, lip seal

**50410-1301** 454CI Chevrolet,  
mechanical seal

**50410-1251** 305 & 350CI Chevrolet, lip seal

**50410-1351** 305 & 350CI Chevrolet,  
mechanical seal

**50410-1401** 8.1L Chevrolet, lip seal

**50410-1501** 8.1L Chevrolet, mechanical seal

*For service and parts see page 149.*



### Mercruiser Type 43210-0001

**Marine Engine Cooling Replaces  
MerCruiser Model 46-72774-A32.**

- Left or Right Hand Rotation.
- One Piece Bronze Body.
- Bronze End Plate.
- Replaceable Cam and Wearplate.

**Fitting:** 1 1/4" Hose Barb

**Size:** 9 5/32" long x 4 1/2" wide 4 1/8" high

**Weight:** 7 lb (3.2 kg)

**Drive:** Pulley

**Mount:** MerCruiser Clamp Type or  
MerCruiser Bracket

**43210-0001** MerCruiser Pump

**43216-1000** Replacement bronze end cover  
for MerCruiser produced  
pumps

*For service and spare parts listing see page 147.*



### Crusader Type 42730-0000

**Marine Engine Cooling Replaces  
Crusader Model Number 97179 and  
Sherwood E-35.**

- Fits Most Pre: 1993 Crusader Engines.
- Accepts Crusader Drive Pulley.
- Bolts Directly to stock mounting bracket.
- Wearplate and seal can generally be replaced  
without removing the pump shaft.

**Fitting:** 1" NPT Internal

**Size:** 4 15/16" long x 4 7/8" wide x 4 1/4" high

**Weight:** 7 lb (3.2 kg)

**Drive:** Pulley

**Mount:** Pedestal

**42730-0000** Crusader

*For service and spare parts listing see page 147.*


**Designed for North American Engines**

## Engine Cooling Pumps

### Jabsco Replacements for Sherwood Engine Cooling Pumps

Jabsco engine cooling pumps are constructed with all bronze body, bearing housing and stainless steel shaft to withstand harsh marine environments.

They can directly replace the Sherwood models G-30-2 on current Chris Craft production engines and G-5 on current Chrysler engines.

They may also fit some models of Volvo, Escort, Pleasurecraft and Datsun engines.

Pumps are available in a variety of configurations. They can be supplied with a choice of: 1" or 1 1/4" ports; mounting tabs on front or rear of bearing housing; and 6 1/2" "A" belt pulley, pulley mounting adaptor, or 3/16" key on the shaft.

For service and spare parts listing see pages 136-137.

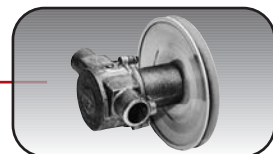
| Jabsco Model No | Sherwood Model No | Port Size     | Engine Application                                                                  |
|-----------------|-------------------|---------------|-------------------------------------------------------------------------------------|
| 18830-0000      | G-30-2            | 1" (25mm)     | Chris Craft; 350 C.I.                                                               |
| 18830-1020      | -                 | 1" (25mm)     | Commander Marine 302, 351 C.I.<br>Glastron 302, 351 C.I. 165, 190, 200 & 225        |
| 18840-0010      | G-21              | 1" (25mm)     | Pleasurecraft                                                                       |
| 18840-1010      | -                 | 1" (25mm)     | Nissan LDM 4 Cyl.                                                                   |
| 18930-0000      | G-45-1            | 1 1/4" (32mm) | Chris Craft                                                                         |
| 18940-0010      | G-5, G-7-B        | 1 1/4" (32mm) | Chrysler LM-318X-LM-340X<br>Lehman 302, 351 C.I.<br>Powerhouse Marine 302, 351 C.I. |
| 18825-0010      | G-151             | 1 1/2" (38mm) | Mercury 7.3 Diesel L/270<br>Star Power Stern Drive 3800790MI                        |



Mounting tabs near body



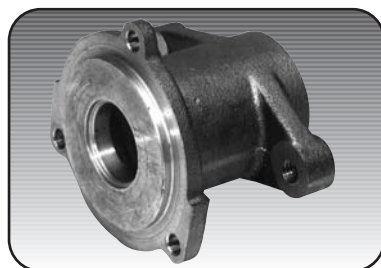
With pulley adaptor



With pulley



With keyed shaft



Mounting tabs near pulley



With pulley

## 17360-1001

**Marine Engine Cooling for Engine Models. Caterpillar D-336 and D-353.**  
With minor plumbing modifications may be adapted to:

- Caterpillar D-343
- Detroit Diesel V-71 and V-92
- Some Stewart and Stevenson Marineizations of Detroit Diesel Engines

**Fitting:** 2-1/2" Flange port

**Size:** 9 1/4" long x 7 7/8" wide x 5 5/16" high

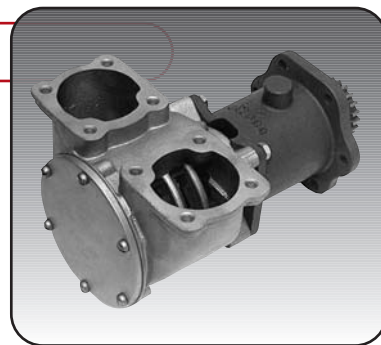
**Weight:** 28 lb (12.7 kg)

**Drive:** Gear

**Mount:** Engine

**17360-1001**

For service and spare parts listing see page 138.



Upgrade to Jabsco  
Engine Cooling Pumps

# Flexible Impeller Pumps -



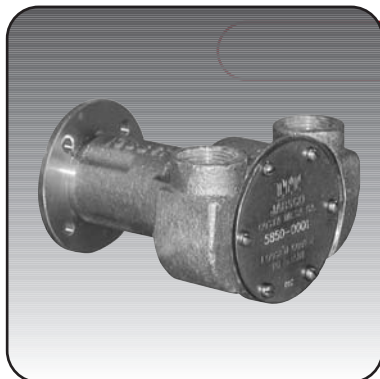
9

www.jabsco.com

JABSCO®

Designed for North American Engines

# Flexible Impeller Pumps - Upgrade to Jabsco Engine Cooling Pumps



## 5850-0001

### Marine Engine Cooling:

- Flagship.
- Palmer Lehman.
- Chris-Craft.

**Fitting:** 3/4" NPT

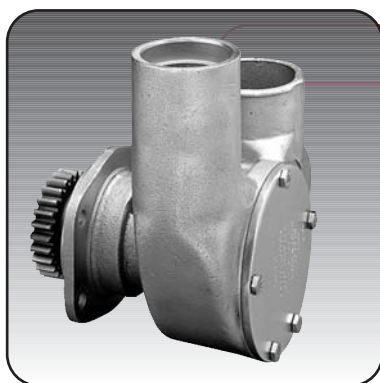
**Size:** 5 1/16" long x 4 1/4" wide x 3 1/4" high

**Weight:** 6 lb (2.7 kg)

**Drive:** Coupler

**Mount:** Engine

*For service and spare parts listing see page 130.*



## 12600-0001

### Marine Engine Cooling for Engine Models:

- Cummins V-903.
- Cummins VT-903.

**Fitting:** 3" Hose

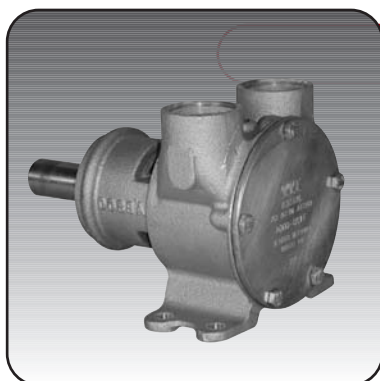
**Size:** 7" long x 7 3/8" wide x 8 1/2" high

**Weight:** 20 lb (9 kg)

**Drive:** Gear

**Mount:** Engine

*For service and spare parts listing see page 138.*



## 7420-1001

### Marine Engine Cooling for Engine Models:

- Caterpillar 3160.
- Caterpillar 3208.

**Fitting:** 1 1/4" NPT Vertical Ports

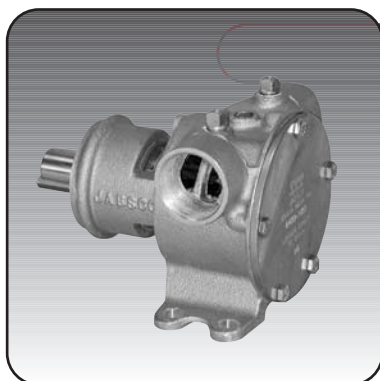
**Size:** 7 1/32" long x 5 7/8" wide x 4 7/8" high

**Weight:** 10 1/2 lb (4.8 kg)

**Drive:** Pulley

**Mount:** Pedestal

*For service and spare parts listing see page 132.*



## 6400-1051

### Marine Engine Cooling for Engine Models:

- Caterpillar 3160.
- Caterpillar 3208.

**Fitting:** 1 1/4" NPT Horizontal Ports

**Size:** 7 1/32" long x 5 7/8" wide x 4 7/8" high

**Weight:** 10 1/2 lb (4.8 kg)

**Drive:** Pulley

**Mount:** Pedestal

*For service and spare parts listing see page 130.*


**Designed for North American Engines**
**18825-0010**
**Marine Engine Cooling:**

- MerCruiser V-8 Diesels.
- Marine Power V-8 Diesels.

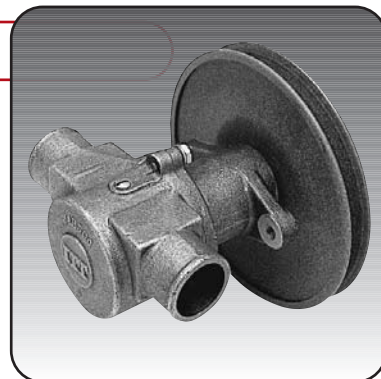
**Fitting:** 1 1/2" ID Hose

**Size:** 6 7/32" long x 5 7/8" wide x 3 3/4" high

**Weight:** 7 1/2 lb (3.4 kg)

**Drive:** Pulley (6 1/2")

**Mount:** Bracket

*For service and spare parts listing see page 139.*

**11850-0701**
**Marine Engine Cooling:**

- Holman & Moody.
- Crusader.
- Daytona.

**Details:** 1" Hose

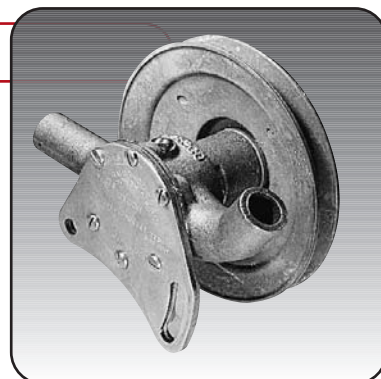
**Size:** 4 7/16" long x 6 7/16" wide

**Weight:** 6 lb (2.7 kg)

**Drive:** Pulley

**Mount:** Bracket

Model 11850-0711 is the same as 11850-0701 but with the re-positioned cam

*For service and spare parts listing see page 137.*

**18400-0050**
**Marine Engine Cooling Generator Pump:**

- Onan MDJF 15KW.

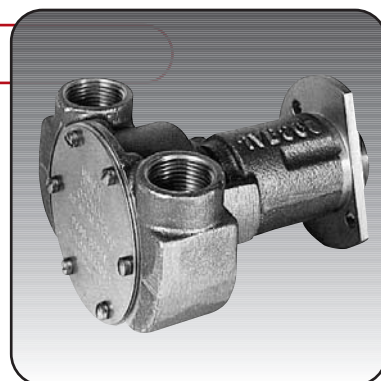
**Fitting:** 3/4" NPT

**Size:** 5 5/16" long x 4 1/4" wide x 3 1/4" high

**Weight:** 6 lb (2.7 kg)

**Drive:** Coupler

**Mount:** Engine

*For service and spare parts listing see page 139.*

**3270-0001**
**Marine Engine Cooling for Engine Models:**

- Perkins 4-107.
- Perkins 4-108.

**Fitting:** 3/4" NPT

**Size:** 4 1/4" long x 4 1/8" wide x 3 - 7/8" high

**Weight:** 4lb (1.8kg)

**Drive:** Coupling

**Mount:** Engine

*For service and spare parts listing see page 128.*

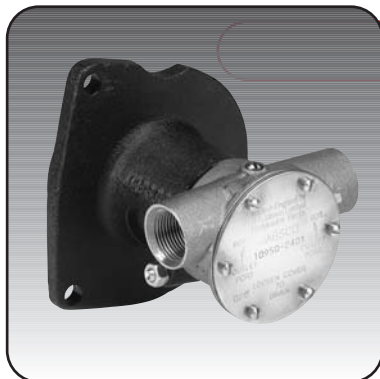

Upgrade to Jabsco  
Engine Cooling Pumps

# Flexible Impeller Pumps -



## Designed for European Engines

## Flexible Impeller Pumps - Upgrade to Jabsco Engine Cooling Pumps

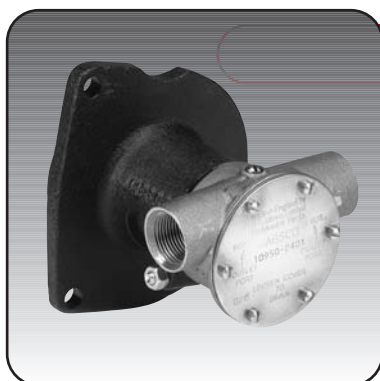


## 10950 Series

**Marine Engine Cooling pump for Ford Dover and Dorset 4-cyl Engines.**

Marinised by:

- C-Power
- CT Marine
- Lancing
- Lehman
- SABB
- Sabre
- Watermota

**Fitting:** 3/4" BSP**Size:** 6 1/2" long x 4 1/2" wide x 5 1/8" high  
(166mm x 115mm x 130mm)**Weight:** 7 lb (3.0 kg)**Drive:** Drive Gear**Mount:** Engine*For service and spare parts listing see page 136.*

## 21140 Series

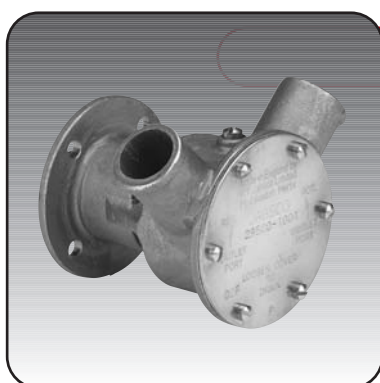
**Marine Engine Cooling pump for Ford Dover and Dorset 6-cyl Engines.**

Marinised by:

- C-Power
- Hawker Siddeley Marine (Lister Petter)
- Lancing
- Lehman
- Mermaid
- SABB
- Sabre

■ Tempest

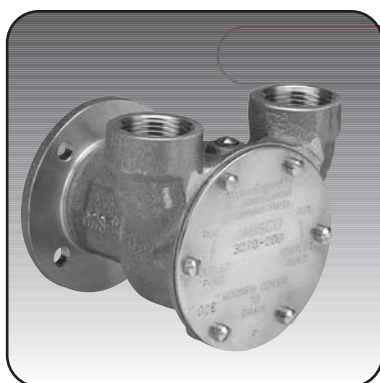
■ Watermota

**Fitting:** 1" BSP**Size:** 7 1/4" long x 4 1/2" wide x 5 1/8" high  
(185mm x 115mm x 130mm)**Weight:** 8 lb (3.6 kg)**Drive:** Drive Gear**Mount:** Engine*For service and spare parts listing see page 140.*

## 29500-1001

**Marine Engine Cooling pump for:**

- Aifo Iveco
- Lancing
- Perkins
- Sole
- VM Motori

**Fitting:** 28mm hose**Size:** 4 3/4" long x 4" wide x 4" high  
(110mm x 100mm x 100mm)**Weight:** 2 1/2 lb (1.2 kg)**Drive:** Coupling**Mount:** Engine*For service and spare parts listing see page 146.*

## 3270-200

**Marine Engine Cooling pump for:-**

- Aifo Iveco
- Lancing
- Perkins
- Sole
- Tempest
- VM Motori

**Fitting:** 3/4" BSP**Size:** 4 1/4" long x 4" wide x 3 3/8" high  
(108mm x 100mm x 84mm)**Weight:** 3 1/2 lb (1.6 kg)**Drive:** Coupling**Mount:** Engine*For service and spare parts listing see page 128.*


**Designed for European Engines**

Upgrade to Jabsco  
Engine Cooling Pumps

# Flexible Impeller Pumps -

## 9700-01

**Marine Engine Cooling pump for:**

- Hamworthy
- Perkins
- Leyland-Thornycroft

**Fitting:** 1" flanged

**Size:** 5<sup>3</sup>/<sub>4</sub>" long x 4<sup>3</sup>/<sub>4</sub>" wide x 3<sup>7</sup>/<sub>8</sub>" high  
(149mm x 121mm x 99mm)

**Weight:** 6 lb (2.8 kg)

**Drive:** Coupling

**Mount:** Engine

*For service and spare parts listing see page 133.*


## 9970-200

**Marine Engine Cooling pump for:**

- Hawker Siddeley Marine (Lister Petter)
- Hamworthy
- Perkins
- Lehman
- Sisu (Valmet)

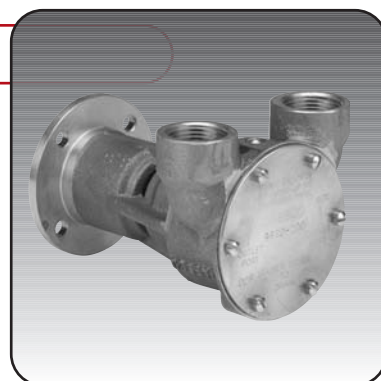
**Fitting:** 3/4" BSP

**Size:** 5<sup>5</sup>/<sub>8</sub>" long x 4" wide x 3<sup>3</sup>/<sub>8</sub>" high  
(142mm x 100mm x 86mm)

**Weight:** 4lb (1.8 kg)

**Drive:** Coupling

**Mount:** Engine

*For service and spare parts listing see page 134.*


## 10970

**Marine Engine Cooling pump for:**

- Perkins 4.236

**Fitting:** 3/4" NPTF

**Size:** 5<sup>5</sup>/<sub>8</sub>" long x 4<sup>3</sup>/<sub>4</sub>" wide x 4<sup>1</sup>/<sub>2</sub>" high  
(144mm x 120mm x 115mm)

**Weight:** 7 lb (3.26 kg)

**Drive:** Drive Gear

**Mount:** Engine

*For service and spare parts listing see page 136.*


## 10970-21

**Marine Engine Cooling pump for:**

- Perkins 4.236
- Perkins M90

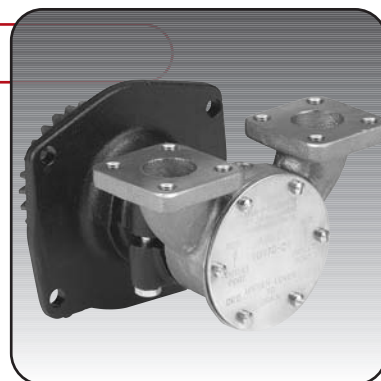
**Fitting:** 3/4" flanged

**Size:** 5<sup>7</sup>/<sub>8</sub>" long x 5<sup>5</sup>/<sub>8</sub>" wide x 4<sup>1</sup>/<sub>2</sub>" high  
(149mm x 143mm x 115mm)

**Weight:** 8 lb (3.6 kg)

**Drive:** Drive Gear

**Mount:** Mount

*For service and spare parts listing see page 136.*


Cooling Pump Spares by  
Make of Engine **Ai-Be**

# Flexible Impeller Pumps -

| Engine Details               |             | Jabsco Pump Details |            |            |           |                         | Service Kit Details |                  |            |             |                  |
|------------------------------|-------------|---------------------|------------|------------|-----------|-------------------------|---------------------|------------------|------------|-------------|------------------|
| Engine Model Number          | Pump Number | Size                | Port Size  | Mount Type | Obso-lete | Alternative Pump Number | Kit Number          | End Cover Gasket | Impeller   | Water Seal  | End Cover Screws |
| <b>AIFO IVECO - ITALY</b>    |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| CO 1DM / 2DM / 3DM           | 9700-41     | 080                 | 1"Flanged  | Flange     |           |                         | SK238-21            | 2432             | 17937-0001 | SP6080-06   | SP1003-01        |
| CO 3M / 3SM                  | 3270-200    | 040                 | ¾"BSP      | Flange     | x         | 29500-1001              | SK271               | 3298             | 1210-0001  | SP2701-21   | SP1002-02        |
|                              | 29500-1001  | 040                 | Ø 28 Hose  | Flange     |           |                         | SK384-0001          | 3298             | 1210-0001  | SP2700-1027 | SP1002-02        |
| CP 3M                        | 3270-200    | 040                 | ¾"BSP      | Flange     | x         | 29500-1001              | SK271               | 3298             | 1210-0001  | SP2701-21   | SP1002-02        |
|                              | 29500-1001  | 040                 | Ø 28 Hose  | Flange     |           |                         | SK384-0001          | 3298             | 1210-0001  | SP2700-1027 | SP1002-02        |
| CP 3SM                       | 9700-21     | 080                 | 1"Flanged  | Flange     | x         | 29600-1001              | SK238               | 890              | 17937-0001 | SP6080-06   | SP1003-01        |
|                              | 29600-1001  | 080                 | Ø 32 Hose  | Flange     |           | New Pipework            | SK385-0101          | 890              | 17937-0001 | SP6080-0469 | SP1003-0111      |
| OMCP 3M                      | 9700-21     | 080                 | 1"Flanged  | Flange     | x         | 29600-1001              | SK238               | 890              | 17937-0001 | SP6080-06   | SP1003-01        |
|                              | 29600-1001  | 080                 | Ø 32 Hose  | Flange     |           | New Pipework            | SK385-0101          | 890              | 17937-0001 | SP6080-0469 | SP1003-0111      |
| UNO M20                      | 22770-1051  | 060                 | Ø 25 Hose  | Crank      | x         | 29440-1051              | SK346               | 1985-01          | 673-0001   | SP2701-21   | SP1004-09        |
| UNO M40                      | 22770-1051  | 060                 | Ø 25 Hose  | Crank      | x         | 29440-1051              | SK346               | 1985-01          | 673-0001   | SP2701-21   | SP1004-09        |
|                              | 29440-1051  | 020                 | Ø 25 Hose  | Crank      |           |                         | SK402-0001          | 1985-0000        | 18653-0001 | 29441-0000  | SP1004-09        |
| 503 / 504 / 505 / 513        | 9700-61     | 080                 | 1"Flanged  | Flange     | x         |                         | SK238               | 890              | 17937-0001 | SP6080-06   | SP1003-01        |
| 520S / 521 / 521S            | 9700-61     | 080                 | 1"Flanged  | Flange     | x         |                         | SK238               | 890              | 17937-0001 | SP6080-06   | SP1003-01        |
| 514 / 600                    | 9560        | 010                 | ¾"BSP      | Flange     | x         |                         | SK23                | 1189             | 4528-0001  | SP2701-14   | SP1002-01        |
| 804 & 8041 Series            | 3270-200    | 040                 | ¾"BSP      | Flange     | x         | 29500-1001              | SK271               | 3298             | 1210-0001  | SP2701-21   | SP1002-02        |
| 806 Series                   | 3270-200    | 040                 | ¾"BSP      | Flange     | x         | 29500-1001              | SK271               | 3298             | 1210-0001  | SP2701-21   | SP1002-02        |
| 8060 SRM                     | 3270-200    | 040                 | ¾"BSP      | Flange     | x         | 29500-1001              | SK271               | 3298             | 1210-0001  | SP2701-21   | SP1002-02        |
| 8061 M / SM20                | 3270-200    | 040                 | ¾"BSP      | Flange     | x         | 29500-1001              | SK271               | 3298             | 1210-0001  | SP2701-21   | SP1002-02        |
|                              | 29500-1001  | 040                 | Ø 28 Hose  | Flange     |           |                         | SK384-0001          | 3298             | 1210-0001  | SP2700-1027 | SP1002-02        |
| 806 SM                       | 9700-21     | 080                 | 1"Flanged  | Flange     | x         | 29600-1001              | SK238               | 890              | 17937-0001 | SP6080-06   | SP1003-01        |
| 8060 M / SDM                 | 9700-21     | 080                 | 1"Flanged  | Flange     | x         | 29600-1001              | SK238               | 890              | 17937-0001 | SP6080-06   | SP1003-01        |
| 8061SM / SRM                 | 9700-21     | 080                 | 1"Flanged  | Flange     | x         | 29600-1001              | SK238               | 890              | 17937-0001 | SP6080-06   | SP1003-01        |
|                              | 29600-1001  | 080                 | Ø 32 Hose  | Flange     |           | New Pipework            | SK385-0101          | 890              | 17937-0001 | SP6080-0469 | SP1003-0111      |
| 8141 M / SRM                 | 9700-21     | 080                 | 1"Flanged  | Flange     | x         | 29600-1001              | SK238               | 890              | 17937-0001 | SP6080-06   | SP1003-01        |
|                              | 29600-1001  | 080                 | Ø 32 Hose  | Flange     |           | New Pipework            | SK385-0101          | 890              | 17937-0001 | SP6080-0469 | SP1003-0111      |
| 8141SM11                     | 29500-1001  | 040                 | Ø 28 Hose  | Flange     |           |                         | SK384-0001          | 3298             | 1210-0001  | SP2700-1027 | SP1002-02        |
| 821 / 8210 / 8220 / 8280M    | 9700-21     | 080                 | 1"Flanged  | Flange     | x         | 29600-1001              | SK238               | 890              | 17937-0001 | SP6080-06   | SP1003-01        |
| 8210 M                       | 9700-21     | 080                 | 1"Flanged  | Flange     | x         | 29600-1001              | SK238               | 890              | 17937-0001 | SP6080-06   | SP1003-01        |
|                              | 29600-1001  | 080                 | Ø 32 Hose  | Flange     |           | New Pipework            | SK385-0101          | 890              | 17937-0001 | SP6080-0469 | SP1003-0111      |
| 8280 M / 8281 SRM            | 23340-1001  | 120                 | Ø 45 Hose  | Flange     |           |                         | SK310               | 890              | 17018-0001 | 22617-0010  | SP1003-09        |
| 8281 SRM 44 / 47 / 70        | 11100-0541  | 270                 | 2"Flanged  | Flange     |           |                         | SK254               | 816              | 21676-0001 | 21849       | SP1005-04        |
| 828 MTEA                     | 10880-2611  | 200                 | 1½"Flanged | Flange     |           |                         | SK375-0101          | 816              | 17935-0001 | 21849       | SP1005-04        |
|                              | 10880-2561  | 200                 | 1½"Flanged | Flange     |           |                         | SK375-0101          | 816              | 17935-0001 | 21849       | SP1005-04        |
| 91 SRM / 12L                 | 29850-0031  | 370                 | 2¾"Flanged | Flange     | x         | 29880-0001              | SK410               | X4020-424A       | 17420-0001 | 21849       | SP1094-0060      |
|                              | 29880-0001  | 370                 | 2¾"Flanged | Flange     |           | Respecified             | SK410               | X4020-424A       | 17240-0001 | 21849       | X3001-180F       |
| 836 MTCA                     | 9700-21     | 080                 | 1"Flanged  | Flange     | x         | 29600-1001              | SK238               | 890              | 17937-0001 | SP6080-06   | SP1003-01        |
| 8361 M / SM / SRM            | 9700-21     | 080                 | 1"Flanged  | Flange     | x         | 29600-1001              | SK238               | 890              | 17937-0001 | SP6080-06   | SP1003-01        |
|                              | 29600-1001  | 080                 | Ø 32 Hose  | Flange     |           | New Pipework            | SK385-0101          | 890              | 17937-0001 | SP6080-0469 | SP1003-0111      |
| 8460 SRM 45 / 50             | 11100-0541  | 270                 | 2"Flanged  | Flange     |           |                         | SK254               | 816              | 21676-0001 | 21849       | SP1005-04        |
| 402IM17                      | 29470-2231C | 020                 | ¾" BSP     | Flange     |           |                         | SK405-0001          | 29476-0000       | 18653-0001 | SP2701-1006 | X3004-095G       |
| 403IM25                      | 29470-2531C | 020                 | ¾" BSP     | Flange     |           |                         | SK405-0001          | 29476-0000       | 18653-0001 | SP2701-1006 | X3004-095G       |
| 404IM33                      | 29470-2431C | 020                 | ¾" BSP     | Flange     |           |                         | SK405-0001          | 29476-0000       | 18653-0001 | SP2701-1006 | X3004-095G       |
| 414IM48                      | 29470-2431C | 020                 | ¾" BSP     | Flange     |           |                         | SK405-0001          | 29476-0000       | 18653-0001 | SP2701-1006 | X3004-095G       |
| <b>AMERICAN DIESEL - USA</b> |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| Ford (UK) 4 Cyl              | 10950-2401  | 040                 | ¾"BSP      | Flange     |           |                         | SK239               | 3298             | 1210-0001  | 22617-0010  | SP1002-02        |
| Ford (UK) 6 Cyl              | 21140-2401  | 080                 | 1"BSP      | Flange     |           |                         | SK229               | 890              | 17937-0001 | 22617-0010  | SP1003-09        |
| <b>BAUDOUIN - FRANCE</b>     |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| GD 106                       | 23430-1301  | 080                 | Ø 32 Hose  | Flange     |           |                         | SK385-0001          | 890              | 17937-0001 | SP2700-1027 | SP1003-0111      |
| <b>BETA MARINE - UK</b>      |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| Isuzu - B3KC1                | 29460-1001  | 020                 | Ø 20 Hose  | Flange     |           |                         | SK401-0001          | 2995-0030        | 18653-0001 | SP2701-1006 | SP1002-01        |



| Engine Details                       |             | Jabsco Pump Details |            |            |           |                         | Service Kit Details |                  |            |             |                  |
|--------------------------------------|-------------|---------------------|------------|------------|-----------|-------------------------|---------------------|------------------|------------|-------------|------------------|
| Engine Model Number                  | Pump Number | Size                | Port Size  | Mount Type | Obso-lete | Alternative Pump Number | Kit Number          | End Cover Gasket | Impeller   | Water Seal  | End Cover Screws |
| <b>BETA MARINE - UK CONTINUED...</b> |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| BD3                                  | 23430-1251  | 080                 | Ø 32 Hose  | Flange     |           |                         | SK385-0001          | 890              | 17937-0001 | SP2700-1027 | SP1003-0111      |
| BD4                                  | 21140-2601  | 080                 | 1"BSP      | Flange     |           |                         | SK229               | 890              | 17937-0001 | 22617-0010  | SP1003-09        |
| BZ482                                | 29460-1401  | 020                 | Ø 20 Hose  | Flange     |           |                         | SK401-0001          | 2995-0030        | 18653-0001 | SP2701-1006 | SP1002-01        |
| BD662/772                            | 29460-1401  | 020                 | Ø 20 Hose  | Flange     |           |                         | SK401-0001          | 2995-0030        | 18653-0001 | SP2701-1006 | SP1002-01        |
| BD1005                               | 29460-1301  | 020                 | Ø 20 Hose  | Flange     |           |                         | SK401-0001          | 2995-0030        | 18653-0001 | SP2701-1006 | SP1002-01        |
| BV1205/1305/1505                     | 29460-1301  | 020                 | Ø 20 Hose  | Flange     |           |                         | SK401-0001          | 2995-0030        | 18653-0001 | SP2701-1006 | SP1002-01        |
| BV1903/2203                          | 29500-1501  | 020                 | Ø 20 Hose  | Flange     |           |                         | SK401-0001          | 2995-0030        | 18653-0001 | SP2701-1006 | SP1002-01        |
| BF2803                               | 29500-1501  | 020                 | Ø 20 Hose  | Flange     |           |                         | SK401-0001          | 2995-0030        | 18653-0001 | SP2701-1006 | SP1002-01        |
| Kubota-Series BZ/BD/BV               | 29460-1401  | 020                 | Ø 20 Hose  | Flange     |           |                         | SK401-0001          | 2995-0030        | 18653-0001 | SP2701-1006 | SP1002-01        |
| <b>BOMAC MARINE - USA</b>            |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| Ford (UK) -4 Cyl                     | 10950-2401  | 040                 | ¾"BSP      | Flange     |           |                         | SK239               | 3298             | 1210-0001  | 22617-0010  | SP1002-02        |
| Ford (UK) -6 Cyl                     | 21140-2401  | 080                 | 1"BSP      | Flange     |           |                         | SK229               | 890              | 17937-0001 | 22617-0010  | SP1003-09        |
| <b>BUKH-KALUNDBORG</b>               |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| DV 8 ME / SME                        | 29300-2101C | 010                 | ¾"BSP      | Flange     |           |                         | SK404-0001          | 29308-0000       | 22405-0001 | SP2701-1006 | X3004-095G       |
| DV 10 L / LME / LSME                 | 29300-2101C | 010                 | ¾"BSP      | Flange     |           |                         | SK404-0001          | 29308-0000       | 22405-0001 | SP2701-1006 | X3004-095G       |
| DV 10 M                              | 11260-2151  | 010                 | ¾"BSP      | Flange     | x         | 29300-2151C             | SK266               | 1126             | 4528-0001  | SP2701-04   | SP1002-01        |
| DV 10 ME / SME                       | 29300-2101C | 010                 | ¾"BSP      | Flange     |           |                         | SK404-0001          | 29308-0000       | 22405-0001 | SP2701-1006 | X3004-095G       |
| DV 20 M                              | 11260-2101  | 010                 | ¾"BSP      | Flange     | x         | 29300-2201C             | SK266               | 1126             | 4528-0001  | SP2701-04   | SP1002-01        |
| DV 20,24,36 ME / SME                 | 29300-2101C | 010                 | ¾"BSP      | Flange     |           |                         | SK404-0001          | 29308-0000       | 22405-0001 | SP2701-1006 | X3004-095G       |
| 2G/3G 105M                           | 10-32256-1  | 040                 |            |            |           |                         |                     |                  | 1210-0001  |             |                  |
| 4K 105 M                             | 9710-205    | 080                 | 1"BSP      | Foot       |           |                         | SK229-01            | 2432             | 17937-0001 | 22617-0010  | SP1003-09        |
| 6K 105 M                             | 9710-204    | 080                 | 1"BSP      | Foot       | x         |                         | SK229               | 890              | 17937-0001 | 22617-0010  | SP1003-09        |
| <b>C - POWER (MARINE) LTD</b>        |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| 3.323 / 329                          | 21090-204   | 040                 | ¾"BSP      | Flange     | x         |                         | SK230               | 816              | 836-0001   | 21849       | SP1005-04        |
| 3.333 / 333 H                        | 21090-204   | 040                 | ¾"BSP      | Flange     | x         |                         | SK230               | 816              | 836-0001   | 21849       | SP1005-04        |
| 4.18                                 | 6490-223    | 040                 | ½"BSP      | Foot       |           |                         | SK225-01            | 6496             | 1210-0001  | SP2701-21   | SP1003-09        |
| 4.90                                 | 52040-2001  | 040                 | ¾"BSP      | Foot       |           |                         | SK384-0101          | 3298             | 1210-0001  | SP2701-1015 | X3001-095F       |
| 4.120                                | 3270-200    | 040                 | ¾"BSP      | Flange     | x         | 29500-1001              | SK271               | 3298             | 1210-0001  | SP2701-21   | SP1002-02        |
| 4.120                                | 29500-1001  | 040                 | Ø 28 Hose  | Flange     |           |                         | SK384-0001          | 3298             | 1210-0001  | SP2700-1027 | SP1002-02        |
| 4.220                                | 6490-223    | 040                 | ½"BSP      | Foot       |           |                         | SK225-01            | 6496             | 1210-0001  | SP2701-21   | SP1003-09        |
| 4.254                                | 10950-2441  | 040                 | ¾"BSP      | Flange     | x         | 10950-2601              | SK239               | 3298             | 1210-0001  | 22617-0010  | SP1002-02        |
| 4.254                                | 10950-2601  | 040                 | ¾"BSP      | Flange     |           |                         | SK239               | 3298             | 1210-0001  | 22617-0010  | SP1002-02        |
| 4.254                                | 21140-2401  | 080                 | 1"BSP      | Flange     |           |                         | SK229               | 890              | 17937-0001 | 22617-0010  | SP1003-09        |
| 4.442                                | 21090-204   | 040                 | ¾"BSP      | Flange     | x         |                         | SK230               | 816              | 836-0001   | 21849       | SP1005-04        |
| 4.444                                | 23430-1201  | 080                 | Ø 32 Hose  | Flange     |           |                         | SK385-0001          | 890              | 17937-0001 | SP2700-1027 | SP1003-0111      |
| 6.216                                | 21140-2401  | 080                 | 1"BSP      | Flange     |           |                         | SK229               | 890              | 17937-0001 | 22617-0010  | SP1003-09        |
| 6.363 TC / TC 1C                     | 21140-200   | 080                 | 1"BSP      | Flange     | x         | 21140-2401              | SK229               | 890              | 17937-0001 | 22617-0010  | SP1003-09        |
| 6.363 TC / TC 1C                     | 21140-2401  | 080                 | 1"BSP      | Flange     |           |                         | SK229               | 890              | 17937-0001 | 22617-0010  | SP1003-09        |
| 6.380                                | 21140-200   | 080                 | 1"BSP      | Flange     | x         | 21140-2401              | SK229               | 890              | 17937-0001 | 22617-0010  | SP1003-09        |
| 6.380                                | 21140-2401  | 080                 | 1"BSP      | Flange     |           |                         | SK229               | 890              | 17937-0001 | 22617-0010  | SP1003-09        |
| 6.666                                | 23430-1201  | 080                 | Ø 32 Hose  | Flange     |           |                         | SK385-0001          | 890              | 17937-0001 | SP2700-1027 | SP1003-0111      |
| 6.78 LTT I                           | 29700-1201  | 120                 | Ø 45 Hose  | Flange     |           |                         | SK386-0001          | 890              | 17018-0001 | SP6080-0469 | SP1003-0111      |
| Ford 2500                            | 23430-1201  | 080                 | Ø 32 Hose  | Flange     |           |                         | SK385-0001          | 890              | 17937-0001 | SP2700-1027 | SP1003-0111      |
| Ford 2720                            | 21140-2401  | 080                 | 1"BSP      | Flange     |           |                         | SK229               | 890              | 17937-0001 | 22617-0010  | SP1003-09        |
| <b>CUMMINS - UK</b>                  |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| NH 250M                              | 3570        | 200                 | 1¼"Flanged | Flange     |           |                         | SK375-0101          | 816              | 17935-0001 | 21849       | SP1005-04        |
| NT 855M                              | 7420-0101   | 200                 | 1¼"NPT     | Foot       |           |                         | SK375-0101          | 816              | 17935-0001 | 21849       | SP1005-04        |
| V504M                                | 11600       | 080                 | 1" NPT     | Foot       |           |                         | SK299               | 890              | 17937-0001 | 22617-0010  | SP1003-09        |
| V555M SC                             | 21680-05    | 080                 | 1¼"NPT     | Foot       |           |                         | SK315-0101          | 816              | 17935-0001 | 21849       | SP1005-04        |
| VT555M SC                            | 21680-05    | 080                 | 1¼"NPT     | Foot       |           |                         | SK315-0101          | 816              | 17935-0001 | 21849       | SP1005-04        |

Cooling Pump Spares by  
Make of Engine **Be-Cu**

**Flexible Impeller Pumps -**



| Engine Details                   |             | Jabsco Pump Details |            |            |           |                         | Service Kit Details |                  |            |             |                  |
|----------------------------------|-------------|---------------------|------------|------------|-----------|-------------------------|---------------------|------------------|------------|-------------|------------------|
| Engine Model Number              | Pump Number | Size                | Port Size  | Mount Type | Obso-lete | Alternative Pump Number | Kit Number          | End Cover Gasket | Impeller   | Water Seal  | End Cover Screws |
| <b>CUMMINS - UK CONTINUED...</b> |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| VT55M BC                         | 7420-0004   | 200                 | 1¼"NPT     | Foot       | x         | 7420-0101               | SK375-0101          | 816              | 17935-0001 | 21849       | SP1005-04        |
| VT55M BC                         | 7420-0101   | 200                 | 1¼"NPT     | Foot       |           |                         | SK375-0101          | 816              | 17935-0001 | 21849       | SP1005-04        |
| VT555M BC                        | 7420-0101   | 200                 | 1¼"NPT     | Foot       |           |                         | SK375-0101          | 816              | 17935-0001 | 21849       | SP1005-04        |
| B-Series                         | 23430-1401  | 080                 | Ø 32 Hose  | Flange     |           |                         | SK385-0001          | 890              | 17937-0001 | SP2700-1027 | SP1003-0111      |
|                                  |             |                     |            |            |           | Sherwood Pump           |                     |                  | 18948-0001 |             |                  |
| <b>DAF - NETHERLANDS</b>         |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| DA 475 / D 575 M                 | 6420-2001   | 080                 | 1"BSP      | Foot       | x         | 52080-2001              | SK385-0201          | 890              | 17937-0001 | SP2700-1027 | SP1003-09        |
| DA 475 / D 575 M                 | 52080-2001  | 080                 | 1"BSP      | Foot       |           |                         | SK406-0001          | 890              | 17937-0001 | SP2700-1027 | X3001-147F       |
| DS 575 M                         | 9710-200    | 080                 | 1"BSP      | Foot       |           |                         | SK229               | 890              | 17937-0001 | 22617-0010  | SP1003-09        |
| DT 575 MY                        | 11410-200   | 040                 | ¾"BSP      | Foot       | x         | Bilge                   | SK328               | 11415            | 1210-0001  | 22617-0010  | SP1003-08        |
|                                  | Dual Pump   | 080                 | 1"BSP      | Foot       |           | Cooling                 | SK328               | 890              | 17937-0001 | 22617-0010  | SP1003-11        |
| DT 615 MY                        |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| D 600                            | 11100-0151  | 270                 | 2"Flanged  | Flange     | x         |                         | SK254               | 816              | 21676-0001 | 21849       | SP1005-04        |
| D 620                            | 10630-57    | 200                 | 1½"Flanged | Flange     | x         | 52220-0011              | SK230               | 816              | 836-0001   | 21849       | SP1005-04        |
| D 620                            | 52220-0051  | 200                 | 1½"Flanged | Flange     |           |                         | SK407-0011          | 816              | 17935-0001 | SP6080-0374 | X3001-176F       |
| DP 680 M                         | 9710-200    | 080                 | 1"BSP      | Foot       |           |                         | SK229               | 890              | 17937-0001 | 22617-0010  | SP1003-09        |
| DP 680 M                         | 11410-200   | 040                 | ¾"BSP      | Foot       | x         | Bilge                   | SK328               | 11415            | 1210-0001  | 22617-0010  | SP1003-08        |
|                                  | Dual Pump   | 080                 | 1"BSP      | Foot       |           | Cooling                 | SK328               | 890              | 17937-0001 | 22617-0010  | SP1003-11        |
| DK 1160 MY                       | 10770-57    | 200                 | 1½"Flanged | Flange     |           |                         | SK230               | 816              | 836-0001   | 21849       | SP1005-04        |
| DKS 1160 M                       | 11100-0101  | 270                 | 2"Flanged  | Flange     | x         |                         | SK254               | 816              | 21676-0001 | 21849       | SP1005-04        |
| DKT 1160                         | 11100-0141  | 270                 | 2"Flanged  | Flange     | x         |                         | SK254               | 816              | 21676-0001 | 21849       | SP1005-04        |
| <b>DAYTONA - USA</b>             |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| DME - 4                          | 30892-0001  |                     |            |            |           |                         | 90135-0001          | 18753-0343       | 30919-0001 | 18753-0342  |                  |
| DME - 6                          | 30892-0001  |                     |            |            |           |                         | 90135-0001          | 18753-0343       | 30919-0001 | 18753-0342  |                  |
| DME - 7 (To Mid 1995)            | 17360-1001  |                     |            |            |           |                         | 90190-0001          | 17365-1000       | 17365-0001 | 96080-0371  | 91005-0040       |
| DME - 7 (From Mid 1995)          | 17490-0001  |                     |            |            |           |                         |                     | 17365-1000       | 17936-0001 | 96080-0371  | 91005-0040       |
| DME - 9 (To Mid 1995)            | 17360-1001  |                     |            |            |           |                         | 90190-0001          | 17365-1000       | 17365-0001 | 96080-0371  | 91005-0040       |
| DME - 9 (From Mid 1995)          | 17490-0001  |                     |            |            |           |                         |                     | 17365-1000       | 17936-0001 | 96080-0371  | 91005-0040       |
| <b>DRINKWAARD - NETHERLANDS</b>  |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| DAF D - Series                   |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| A 475 / D 575 / F 615            | 6420-2001   | 080                 | 1"BSP      | Foot       | x         | 52080-2001              | SK385-0201          | 890              | 17937-0001 | SP2700-1027 | SP1003-09        |
| A 475 / D 575 / F 615            | 52080-2001  | 080                 | 1"BSP      | Foot       |           |                         | SK406-0001          | 890              | 17937-0001 | SP2700-1027 | X3001-147F       |
| Mercedes                         |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| OM 314 / 352 / 352A              | 6420-2001   | 080                 | 1"BSP      | Foot       | x         | 52080-2001              | SK385-0201          | 890              | 17937-0001 | SP2700-1027 | SP1003-09        |
| OM 314 / 352 / 352A              | 52080-2001  | 080                 | 1"BSP      | Foot       |           |                         | SK406-0001          | 890              | 17937-0001 | SP2700-1027 | X3001-147F       |
| OM 615 / 621 / 636               | 3270-2301   | 040                 | ¾"BSP      | Flange     | x         |                         | SK33                | 3298             | 1210-0001  | SP2701-21   | SP1002-02        |
| OM 616 / 617                     | 23430-1601  | 080                 | Ø 32 Hose  | Flange     |           |                         | SK385-0001          | 890              | 17937-0001 | SP2700-1027 | SP1003-0111      |
| Mitsubishi                       |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| KE 75                            | 3270-2301   | 040                 | ¾"BSP      | Flange     | x         |                         | SK33                | 3298             | 1210-0001  | SP2701-21   | SP1002-02        |
| K 3D / 4C                        | 3270-2301   | 040                 | ¾"BSP      | Flange     | x         |                         | SK33                | 3298             | 1210-0001  | SP2701-21   | SP1002-02        |
| K 2AS                            | 52010-2001  | 010                 | ¾"NPTF     | Foot       |           |                         | SK404-0101          | 29308-0000       | 22405-0001 | SP2701-0501 | X3001-095F       |
| <b>DUFFIELD - UK</b>             |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| MC 42                            | 29450-1231  | 020                 | Ø 20 Hose  | Flange     |           |                         | SK387-0001          | 2995-0030        | 673-0001   | SP2700-05   | SP1002-01        |
| 3HD 46                           | 29450-1201  | 020                 | Ø 20 Hose  | Flange     |           |                         | SK387-0001          | 2995-0030        | 673-0001   | SP2700-05   | SP1002-01        |
| <b>ENTECH WEST -</b>             |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| K 34                             | 29300-2401  | 010                 | ¾"BSP      | Flange     |           |                         | SK404-0001          | 29308-0000       | 22405-0001 | SP2701-1006 | X3004-095G       |
| <b>FARYMANN DIESEL - GERMANY</b> |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| A 30M / H                        | 11620-211   | 010                 | ¾"BSP      | Flange     | x         |                         | SK23                | 1189             | 4528-0001  | SP2701-11   | SP1002-01        |



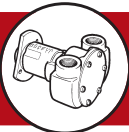
| Engine Details                                |             | Jabsco Pump Details |           |            |           |                         | Service Kit Details |                  |            |             |                  |
|-----------------------------------------------|-------------|---------------------|-----------|------------|-----------|-------------------------|---------------------|------------------|------------|-------------|------------------|
| Engine Model Number                           | Pump Number | Size                | Port Size | Mount Type | Obso-lete | Alternative Pump Number | Kit Number          | End Cover Gasket | Impeller   | Water Seal  | End Cover Screws |
| <b>FARYMANN DIESEL - GERMANY CONTINUED...</b> |             |                     |           |            |           |                         |                     |                  |            |             |                  |
| A 30                                          |             |                     |           |            |           | Johnson Pump            |                     |                  | 22405-0001 |             |                  |
| A 40M / H                                     | 11620-211   | 010                 | ¼"BSP     | Flange     | x         |                         | SK23                | 1189             | 4528-0001  | SP2701-11   | SP1002-01        |
| AL 35                                         |             |                     |           |            |           | Johnson Pump            |                     |                  | 22405-0001 |             |                  |
| AL 40                                         |             |                     |           |            |           | Johnson Pump            |                     |                  | 22405-0001 |             |                  |
| CS                                            | 6540-201    | 020                 | ¾"BSP     | Foot       | x         |                         | SK205-01            | 2995-0030        | 673-0001   | B22         | SP8019-01        |
| CS                                            | 2620-211    | 020                 | ¾"BSP     | Foot       | x         | 2620-200                | SK20                | 2995-0030        | 673-0001   | SP2700-05   | SP1002-02        |
| CS                                            | 2620-200    | 020                 | ¾"BSP     | Foot       |           |                         | SK20                | 2995-0030        | 673-0001   | SP2700-05   | SP1002-02        |
| DS / ES / GS                                  | 9360        | 010                 | ¼"BSP     | Foot       | x         |                         |                     | 1126             | 4528-0001  | AL22        | SP8019-01        |
| DS / ES / GS                                  | AL¼-200     | 010                 | ¼"BSP     | Foot       |           |                         | SK1                 | 1126             | 4528-0001  | AL22        | SP1002-01        |
| FK2                                           | 29300-2001  | 010                 | ¾"BSP     | Flange     |           |                         | SK404-0001          | 29308-0000       | 22405-0001 | SP2701-1006 | X3004-095G       |
| FK3                                           | 29470-2031  | 020                 | ¾"BSP     | Flange     |           |                         | SK405-0001          | 29476-0000       | 18653-0001 | SP2701-1006 | X3004-095G       |
| K 30 M                                        | 9360        | 010                 | ¼"BSP     | Foot       | x         |                         |                     | 1126             | 4528-0001  | AL22        | SP8019-01        |
| K 30 M                                        | AL¼-200     | 010                 | ¼"BSP     | Foot       |           |                         | SK1                 | 1126             | 4528-0001  | AL22        | SP1002-01        |
| K 30 M                                        | 11260-211   | 010                 | ¼"BSP     | Flange     | x         |                         | SK266               | 1126             | 4528-0001  | SP2701-04   | SP1002-01        |
| K 30                                          |             |                     |           |            |           | Johnson Pump            |                     |                  | 22405-0001 |             |                  |
| K 34                                          | 29300-2401  | 010                 | ¾"BSP     | Flange     |           |                         | SK404-0001          | 29308-0000       | 22405-0001 | SP2701-1006 | X3004-095G       |
|                                               | 52010-2001  | 010                 | ¾"NPTF    | Foot       |           |                         | SK404-0101          | 29308-0000       | 22405-0001 | SP2701-0501 | X3001-095F       |
|                                               | 52020-2031  | 020                 | ½"BSP     | Foot       |           |                         | SK405-0101          | 2995-0030        | 18653-0001 | SP2701-0501 | X3001-095F       |
| L 30                                          |             |                     |           |            |           | Johnson Pump            |                     |                  | 22405-0001 |             |                  |
| P 30M / H                                     | 6540-211    | 020                 | ¾"BSP     | Foot       | x         |                         | SK205-01            | 2995-0030        | 673-0001   | B22         | SP8019-01        |
| Q 30M / H                                     |             |                     |           |            |           |                         |                     |                  | 673-0001   |             |                  |
| R 30M / H                                     | 2620-211    | 020                 | ¾"BSP     | Foot       | x         | 2620-200                | SK20                | 2995-0030        | 673-0001   | SP2700-05   | SP1002-02        |
| S 30M / H                                     | 2620-211    | 020                 | ¾"BSP     | Foot       | x         | 2620-200                | SK20                | 2995-0030        | 673-0001   | SP2700-05   | SP1002-02        |
| S 30M / H                                     | 2620-200    | 020                 | ¾"BSP     | Foot       |           |                         | SK20                | 2995-0030        | 673-0001   | SP2700-05   | SP1002-02        |
| <b>FLAGSHIP - USA</b>                         |             |                     |           |            |           |                         |                     |                  |            |             |                  |
| GM 454                                        | 23800-0201  | 060                 | Ø 32 Hose | Crank      |           |                         | SK331-0251          | 3298             | 22120-0001 | SP2701-21   | SP8019-01        |
| <b>FNM - ITALY</b>                            |             |                     |           |            |           |                         |                     |                  |            |             |                  |
| AM 20 / 45 / ATM 60                           | 22770       | 020                 | Ø 25 Hose | Crank      | x         | 29440-1001              | SK346               | 1985-01          | 673-0001   | SP2701-21   | SP1004-09        |
| AM 20 / 45 / ATM 60                           | 29440-1001  | 020                 | Ø 25 Hose | Crank      |           |                         | SK402-0001          | 1985-0000        | 18653-0001 | 29441-0000  | SP1004-09        |
| 1.3ATI                                        | 52040-2001  | 040                 | ¾"BSP     | Foot       |           |                         | SK384-0101          | 3298             | 1210-0001  | SP2701-1015 | X3001-095F       |
| <b>FORD - UK</b>                              |             |                     |           |            |           |                         |                     |                  |            |             |                  |
| XLD 416 Escort                                | 22770-1101  | 020                 | Ø 25 Hose | Crank      | x         | 29440-1101              | SK346               | 1985-01          | 673-0001   | SP2701-21   | SP1004-09        |
| XLD 416 Escort                                | 29440-1001  | 020                 | Ø 25 Hose | Crank      |           |                         | SK402-0001          | 1985-0000        | 18653-0001 | 29441-0000  | SP1004-09        |
| FSD 425                                       | 52040-2001  | 040                 | ¾"BSP     | Foot       |           |                         | SK384-0101          | 3298             | 1210-0001  | SP2701-1015 | X3001-095F       |
| FSD 425B                                      | 29500-1201  | 040                 | Ø 28 Hose | Flange     |           |                         | SK384-0001          | 3298             | 1210-0001  | SP2700-1027 | SP1002-02        |
| BSD 333/ 444/ 666                             | 23430-1201  | 080                 | Ø 32 Hose | Flange     |           |                         | SK385-0001          | 890              | 17937-0001 | SP2700-1027 | SP1003-0111      |
| 2400 YORK                                     | 21690       | 040                 | Ø 20 Hose | Flange     | x         |                         | SK239               | 3298             | 1210-0001  | 22617-0010  | SP1002-02        |
| 2401E                                         | 21690       | 040                 | Ø 20 Hose | Flange     | x         |                         | SK239               | 3298             | 1210-0001  | 22617-0010  | SP1002-02        |
| 2700 Turbo                                    | 21140-201   | 080                 | 1"BSP     | Flange     | x         | 21140-2401              | SK229               | 890              | 17937-0001 | 22617-0010  | SP1003-09        |
| 2704 ET                                       | 21140-201   | 080                 | 1"BSP     | Flange     | x         | 21140-2401              | SK229               | 890              | 17937-0001 | 22617-0010  | SP1003-09        |
| 2704 ET                                       | 21140-2401  | 080                 | 1"BSP     | Flange     |           |                         | SK229               | 890              | 17937-0001 | 22617-0010  | SP1003-09        |
| 2701 E                                        | 10950-205   | 040                 | ¾"BSP     | Flange     | x         | 10950-2401              | SK239               | 3298             | 1210-0001  | 22617-0010  | SP1002-02        |
| 2704 E                                        | 10950-205   | 040                 | ¾"BSP     | Flange     | x         | 10950-2401              | SK239               | 3298             | 1210-0001  | 22617-0010  | SP1002-02        |
| 2704 E                                        | 10950-2401  | 040                 | ¾"BSP     | Flange     |           |                         | SK239               | 3298             | 1210-0001  | 22617-0010  | SP1002-02        |
| 2704 ET / A                                   | 10950-201   | 040                 | ½"BSP     | Flange     | x         | 10950-2401              | SK239               | 3298             | 1210-0001  | 22617-0010  | SP1002-02        |
| 2704 ET / A                                   | 10950-2401  | 040                 | ¾"BSP     | Flange     |           |                         | SK239               | 3298             | 1210-0001  | 22617-0010  | SP1002-02        |
| 2711 E                                        | 10950-205   | 040                 | ¾"BSP     | Flange     | x         | 10950-2401              | SK239               | 3298             | 1210-0001  | 22617-0010  | SP1002-02        |
| 2712 E                                        | 10950-205   | 040                 | ¾"BSP     | Flange     | x         | 10950-2401              | SK239               | 3298             | 1210-0001  | 22617-0010  | SP1002-02        |
| 2713 E                                        | 10950-201   | 040                 | ½"BSP     | Flange     | x         | 10950-2401              | SK239               | 3298             | 1210-0001  | 22617-0010  | SP1002-02        |
| 2714 E                                        | 10950-201   | 040                 | ½"BSP     | Flange     | x         | 10950-2401              | SK239               | 3298             | 1210-0001  | 22617-0010  | SP1002-02        |
| 2714 E                                        | 10950-2401  | 040                 | ¾"BSP     | Flange     |           |                         | SK239               | 3298             | 1210-0001  | 22617-0010  | SP1002-02        |

Cooling Pump Spares by  
Make of Engine **Fa-Fo**

**Flexible Impeller Pumps -**



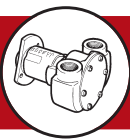
| Engine Details              |             | Jabco Pump Details |            |            |          |                         |            | Service Kit Details |            |             |                  |  |
|-----------------------------|-------------|--------------------|------------|------------|----------|-------------------------|------------|---------------------|------------|-------------|------------------|--|
| Engine Model Number         | Pump Number | Size               | Port Size  | Mount Type | Obsolete | Alternative Pump Number | Kit Number | End Cover Gasket    | Impeller   | Water Seal  | End Cover Screws |  |
| FORD - UK CONTINUED...      |             |                    |            |            |          |                         |            |                     |            |             |                  |  |
| 2722                        | 10950-2601  | 040                | ¾"BSP      | Flange     |          |                         | SK239      | 3298                | 1210-0001  | 22617-0010  | SP1002-02        |  |
| 2723 / 25 / 26T             | 21140-2601  | 080                | 1"BSP      | Flange     |          |                         | SK229      | 890                 | 17937-0001 | 22617-0010  | SP1003-09        |  |
| GENESIS 4CYL                | 29520-2001  | 040                | ¾"BSP      | Flange     |          |                         | SK239      | 3298                | 1210-0001  | 22617-0010  | SP1002-02        |  |
| GENESIS 6CYL                | 29620-2001  | 080                | 1"BSP      | Flange     |          |                         | SK229      | 890                 | 17937-0001 | 22617-0010  | SP1003-09        |  |
|                             |             |                    |            |            |          |                         |            |                     |            |             |                  |  |
| G & M POWER PLANT - UK      |             |                    |            |            |          |                         |            |                     |            |             |                  |  |
| 4 MDP                       | 29450-1201  | 020                | Ø 20 Hose  | Flange     |          |                         | SK387-0001 | 2995-0030           | 673-0001   | SP2700-05   | SP1002-01        |  |
| BLMC 4 / 98                 | 3270-241    | 040                | ¾"BSP      | Flange     | x        |                         | SK271      | 3298                | 1210-0001  | SP2701-21   | SP1002-02        |  |
|                             |             |                    |            |            |          |                         |            |                     |            |             |                  |  |
| GARDNER - UK                |             |                    |            |            |          |                         |            |                     |            |             |                  |  |
| 4 LW (Oil Cooler)           | 9710-200    | 080                | 1"BSP      | Foot       |          |                         | SK229      | 890                 | 17937-0001 | 22617-0010  | SP1003-09        |  |
| Tropical Service Only       |             |                    |            |            |          |                         |            |                     |            |             |                  |  |
| 4 LW                        | 6400-205    | 200                | 1¼"BSP     | Foot       | x        | 52200-2051              | SK230      | 816                 | 836-0001   | 21849       | SP1005-04        |  |
| 4 LW                        | 52200-2051  | 200                | 1½"BSP     | Foot       |          |                         | SK407-0011 | 816                 | 17935-0001 | 21849       | X3001-176F       |  |
| 6 LXB                       | 29600-1001  | 080                | Ø 32 Hose  | Flange     |          | New Pipework            | SK385-0101 | 890                 | 17937-0001 | SP6080-0469 | SP1003-0111      |  |
|                             |             |                    |            |            |          |                         |            |                     |            |             |                  |  |
| HAMWORTHY                   |             |                    |            |            |          |                         |            |                     |            |             |                  |  |
| 2SF3, 3-4, 3-6              | 3370-200    | 040                | ¾"BSP      | Flange     | x        | 9970-200                | SK33       | 3298                | 1210-0001  | SP2701-21   | SP1002-02        |  |
| 2SF3, 3-4, 3-6              | 9970-200    | 040                | ¾"BSP      | Flange     |          |                         | SK229      | 3298                | 1210-0001  | 22617-0010  | SP1002-02        |  |
| 2TF5                        | 4800-111    | 200                | 1½"Flanged | Flange     | x        | 11790                   | SK230      | 816                 | 836-0001   | 21849       | SP1005-04        |  |
| 2TF5 Mk II and III          | 11790       | 200                | 1½"Flanged | Flange     |          |                         | SK230      | 816                 | 836-0001   | 21849       | SP1005-04        |  |
| 2TM6 Mk II and III          | 11790-01    | 200                | 1½"Flanged | Flange     | x        |                         | SK230      | 816                 | 836-0001   | 21849       | SP1005-04        |  |
| 2MF6                        | 10590-61    | 270                | 2"Flanged  | Flange     | x        | 10590-62                | SK254      | 816                 | 21676-0001 | 21849       | SP1005-04        |  |
| 2MF62                       | 10590-61    | 270                | 2"Flanged  | Flange     | x        | 10590-62                | SK254      | 816                 | 21676-0001 | 21849       | SP1005-04        |  |
| 2MF64                       | 10590-61    | 270                | 2"Flanged  | Flange     | x        | 10590-62                | SK254      | 816                 | 21676-0001 | 21849       | SP1005-04        |  |
| 2MF64                       | 10590-62    | 270                | 2"Flanged  | Flange     |          |                         | SK254      | 816                 | 21676-0001 | 21849       | SP1005-04        |  |
| 2SF4, 42                    | 9700-01     | 080                | 1"Flanged  | Flange     |          |                         | SK238      | 890                 | 17937-0001 | SP6080-06   | SP1003-01        |  |
|                             |             |                    |            |            |          |                         |            |                     |            |             |                  |  |
| HARDIN MARINE - USA         |             |                    |            |            |          |                         |            |                     |            |             |                  |  |
| GM V8                       | 23800-0251  | 060                | Ø 32 Hose  | Crank      | x        | 23800-0201              | SK331-0251 | 3298                | 22120-0001 | SP2701-21   | SP8019-01        |  |
| GM V8                       | 23800-0201  | 060                | Ø 32 Hose  | Crank      |          |                         | SK331-0251 | 3298                | 22120-0001 | SP2701-21   | SP8019-01        |  |
|                             |             |                    |            |            |          |                         |            |                     |            |             |                  |  |
| HAWKER SIDDELEY MARINE - UK |             |                    |            |            |          |                         |            |                     |            |             |                  |  |
| AB 1W                       | 9040-0511   | 005                | ½"Hose     | Flange     |          | now -1021               | SK92-11    | 7828-01             | 14609-0001 | SP3000-10   | SP1002-09        |  |
| AC 1W                       | 6640-205    | 010                | ¾"BSP      | Foot       | x        | 52010-2001              | SK23       | 1189                | 4528-0001  | SP2701-11   | SP1002-01        |  |
| AC 2W                       | 6640-205    | 010                | ¾"BSP      | Foot       | x        | 52010-2001              | SK23       | 1189                | 4528-0001  | SP2701-11   | SP1002-01        |  |
| AC 2W                       | 52010-2001  | 010                | ¾"NPTF     | Foot       |          |                         | SK404-0101 | 29308-0000          | 22405-0001 | SP2701-1006 | X3001-095F       |  |
| PJ W                        | 10420       | 020                | Ø 16 Hose  | Flange     | x        | 29490-2001C             | SK211      | 10817               | 673-0001   | SP2701-04   | SP1002-09        |  |
| PJ 3                        | 10420       | 020                | Ø 16 Hose  | Flange     | x        | 29490-2001C             | SK211      | 10817               | 673-0001   | SP2701-04   | SP1002-09        |  |
| PJ 4                        | 10420       | 020                | Ø 16 Hose  | Flange     | x        | 29490-2001C             | SK211      | 10817               | 673-0001   | SP2701-04   | SP1002-09        |  |
| PJ 4                        | 29490-2001C | 020                | ¾"BSP      | Flange     |          |                         | SK405-0001 | 29476-0000          | 18653-0001 | SP2701-1006 | X3004-095G       |  |
| PM 1W / 2W                  | 5870        | 005                | ½"BSP      | Flange     | x        | None                    |            | 5878                | 12104-0001 | SP2701-09   | SP1002-09        |  |
| PJ 1W / 2W                  | 5870        | 005                | ½"BSP      | Flange     | x        | None                    |            | 5878                | 12104-0001 | SP2701-09   | SP1002-09        |  |
| AV / HP-Series              | 5870        | 005                | ½"BSP      | Flange     | x        | None                    |            | 5878                | 12104-0001 | SP2701-09   | SP1002-09        |  |
| FR 1 / 2 / 3 MGR            | 3380-200    | 040                | ¾"BSP      | Flange     | x        | 9970-200                | SK33       | 3298                | 1210-0001  | SP2701-21   | SP1002-02        |  |
| FR 4 / 6 MGR                | 3370-200    | 040                | ¾"BSP      | Flange     | x        | 9970-200                | SK33       | 3298                | 1210-0001  | SP2701-21   | SP1002-02        |  |
| FR 4 / 6 MGR                | 9970-200    | 040                | ¾"BSP      | Flange     |          |                         | SK229      | 3298                | 1210-0001  | 22617-0010  | SP1002-02        |  |
| HA / HR / HRW 4 / 6         | 3370-251    | 040                | ¾"BSP      | Flange     | x        | 9970-261                | SK33       | 3298                | 1210-0001  | SP2701-21   | SP1002-02        |  |
| (Direct Cooling)            | 9970-261    | 040                | ¾"BSP      | Flange     |          |                         | SK239      | 3298                | 1210-0001  | 22617-0010  | SP1002-02        |  |
| HA / HW-Series              | 9970-271    | 040                | ¾"BSP      | Flange     | x        | 9970-200                | SK239      | 3298                | 1210-0001  | 22617-0010  | SP1002-02        |  |
| (Manifold)                  | 3380-221    | 040                | ½"BSP      | Flange     | x        | 9970-200                | SK33       | 3298                | 1210-0001  | SP2701-21   | SP1002-02        |  |
| HA / HR / HR W2             | 3370-200    | 040                | ¾"BSP      | Flange     | x        | 9970-200                | SK33       | 3298                | 1210-0001  | SP2701-21   | SP1002-02        |  |
| (2and 3 Cylinder            | 9970-200    | 040                | ¾"BSP      | Flange     |          |                         | SK229      | 3298                | 1210-0001  | 22617-0010  | SP1002-02        |  |
| Heat Exchanger)             |             |                    |            |            |          |                         |            |                     |            |             |                  |  |



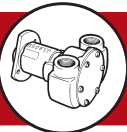
| Engine Details                           |             | Jabsco Pump Details |            |            |           |                         |            | Service Kit Details |            |             |                  |  |
|------------------------------------------|-------------|---------------------|------------|------------|-----------|-------------------------|------------|---------------------|------------|-------------|------------------|--|
| Engine Model Number                      | Pump Number | Size                | Port Size  | Mount Type | Obso-lete | Alternative Pump Number | Kit Number | End Cover Gasket    | Impeller   | Water Seal  | End Cover Screws |  |
| HAWKER SIDDELEY MARINE - UK CONTINUED... |             |                     |            |            |           |                         |            |                     |            |             |                  |  |
| JA4 / JW4 / JA6 / JW6                    | 10880-07    | 200                 | 1½"Flanged | Flange     |           |                         | SK230      | 816                 | 836-0001   | 21849       | SP1005-04        |  |
| JP and JK-Series                         | 6420-205    | 080                 | 1"BSP      | Foot       | x         | 52080-2051              | SK236      | 890                 | 17937-0001 | SP2701-21   | SP1003-09        |  |
|                                          | 52080-2051  | 080                 | 1"BSP      | Foot       |           |                         | SK406-0001 | 890                 | 17937-0001 | SP2700-1027 | X3001-147F       |  |
| SL and SR-Series                         | AL¼-200     | 010                 | ¼"BSP      | Foot       |           |                         | SK1        | 1126                | 4528-0001  | AL22        | SP1002-01        |  |
| (Manifold)                               |             |                     |            |            |           |                         |            |                     |            |             |                  |  |
| SL4                                      | 6640-200    | 010                 | ¼"BSP      | Foot       | x         | 52010-2001              | SK23       | 1189                | 4528-0001  | SP2701-11   | SP1002-01        |  |
| (Manifold)                               | 52010-2001  | 010                 | ¾"NPTF     | Foot       |           |                         | SK404-0101 | 29308-0000          | 22405-0001 | SP2701-0501 | X3001-095        |  |
| TS3                                      | 6420-2051   | 080                 | 1"BSP      | Foot       | x         | 52080-2051              | SK385-0201 | 2432                | 17937-0001 | SP2700-1027 | SP1003-09        |  |
| TS3                                      | 52080-2051  | 080                 | 1"BSP      | Foot       |           |                         | SK406-0001 | 890                 | 17937-0001 | SP2700-1027 | X3001-147F       |  |
| STW2 MGR                                 | 11620-211   | 010                 | ¼"BSP      | Flange     | x         |                         | SK23       | 1189                | 4528-0001  | SP2701-11   | SP1002-01        |  |
| STW3 MGR                                 | 6520-2003   | 080                 | 1"BSP      | Foot       | x         | 51080-2003              | SK385-0403 | 890                 | 17937-0003 | SP2700-1027 | SP1003-09        |  |
| 52STW3 MGR                               | 51080-2003  | 080                 | 1"BSP      | Foot       |           |                         | SK406-0003 | 890                 | 17937-0003 | SP2700-1027 | X3001-147F       |  |
| HRW4                                     | 9970-271    | 040                 | ¾"BSP      | Flange     | x         | 9970-200                | SK239      | 3298                | 1210-0001  | 22617-0010  | SP1002-02        |  |
| HRW4                                     | 9970-200    | 040                 | ¾"BSP      | Flange     |           |                         | SK229      | 3298                | 1210-0001  | 22617-0010  | SP1002-02        |  |
| HSM D3, 152M                             | 29500-1101  | 040                 | Ø 28 Hose  | Flange     | x         |                         | SK384-0001 | 3298                | 1210-0001  | SP2700-1027 | SP1002-02        |  |
| Piranha 4 Cyl                            | 6490-132    | 040                 | ½"BSP      | Foot       | x         |                         | SK225-01   | 6496                | 1210-0001  | SP2701-21   | SP1003-09        |  |
| ALPHA Series                             |             |                     |            |            |           |                         |            |                     |            |             |                  |  |
| LPW2                                     | 29480-2151  | 020                 | ¾"BSP      | Flange     | x         |                         | SK405-0001 | 29476-0000          | 18653-0001 | SP2701-1006 | X3004-095G       |  |
| LPW3                                     | 29480-2131  | 020                 | ¾"BSP      | Flange     |           |                         | SK405-0001 | 29476-0000          | 18653-0001 | SP2701-1006 | X3004-095G       |  |
| LPW4                                     | 29500-1451  | 040                 | Ø 28 Hose  | Flange     | x         |                         | SK384-0001 | 3298                | 1210-0001  | SP2700-1027 | SP1002-02        |  |
| CRK3                                     | 23430-1201  | 080                 | Ø 32 Hose  | Flange     |           |                         | SK385-0001 | 890                 | 17937-0001 | SP2700-1027 | SP1003-0111      |  |
| FORD DOVER                               |             |                     |            |            |           |                         |            |                     |            |             |                  |  |
| CS4                                      | 21140-2601  | 080                 | 1"BSP      | Flange     |           |                         | SK229      | 890                 | 17937-0001 | 22617-0010  | SP1003-09        |  |
| CS6                                      | 21140-2601  | 080                 | 1"BSP      | Flange     |           |                         | SK229      | 890                 | 17937-0001 | 22617-0010  | SP1003-09        |  |
| CST6                                     | 21140-2601  | 080                 | 1"BSP      | Flange     |           |                         | SK229      | 890                 | 17937-0001 | 22617-0010  | SP1003-09        |  |
| CST16                                    | 21140-2601  | 080                 | 1"BSP      | Flange     |           |                         | SK229      | 890                 | 17937-0001 | 22617-0010  | SP1003-09        |  |
|                                          |             |                     |            |            |           |                         |            |                     |            |             |                  |  |
| HFL - UK                                 |             |                     |            |            |           |                         |            |                     |            |             |                  |  |
| 1500 VW                                  | 22620       | 020                 | Ø 25 Hose  | Crank      | x         | 29440-1101              | SK346      | 1985-01             | 673-0001   | SP6080-08B  | SP1004-09        |  |
| 1501 VW                                  | 29440-1101  | 020                 | Ø 25 Hose  | Crank      |           |                         | SK402-0001 | 1985-0000           | 18653-0001 | 29441-0000  | SP1004-09        |  |
| PETTER                                   | 52010-2001  | 010                 | ¾"NPTF     | Foot       |           |                         | SK404-0101 | 29308-0000          | 22405-0001 | SP2701-0501 | X3001-095F       |  |
|                                          |             |                     |            |            |           |                         |            |                     |            |             |                  |  |
| INDMAR - USA                             |             |                     |            |            |           |                         |            |                     |            |             |                  |  |
| Ford / GM 8Cyl                           | 23800-0251  | 060                 | Ø 32 Hose  | Crank      | x         | 23800-0201              | SK331-0251 | 3298                | 22120-0001 | SP2701-21   | SP8019-01        |  |
|                                          | 23800-0201  | 060                 | Ø 32 Hose  | Crank      |           |                         | SK331-0251 | 3298                | 22120-0001 | SP2701-21   | SP8019-01        |  |
|                                          |             |                     |            |            |           |                         |            |                     |            |             |                  |  |
| ISOTTA FRASCHINI - ITALY                 |             |                     |            |            |           |                         |            |                     |            |             |                  |  |
| D 30.55-6L                               | 10950-201   | 040                 | ½"BSP      | Flange     | x         | 10950-2401              | SK239      | 3298                | 1210-0001  | 22617-0010  | SP1002-02        |  |
| D 30.55-6L                               | 10950-2401  | 040                 | ¾"BSP      | Flange     |           |                         | SK239      | 3298                | 1210-0001  | 22617-0010  | SP1002-02        |  |
| ID 32                                    | 10630-07    | 200                 | 1½"Flanged | Foot       | x         | 52220-0011              | SK230      | 816                 | 836-0001   | 21849       | SP1005-04        |  |
| ID 32                                    | 52220-0011  | 200                 | 1½"Flanged | Foot       |           |                         | SK407-0011 | 816                 | 17935-0001 |             | X3001-176F       |  |
| ID 36 / 38                               | 11150-0011  | 200                 | 2"Flanged  | Foot       |           |                         | SK254      | 816                 | 21676-0001 | 21849       | SP1005-04        |  |
| H 130                                    | 11150-0011  | 200                 | 2"Flanged  | Foot       |           |                         | SK254      | 816                 | 21676-0001 | 21849       | SP1005-04        |  |
| L 1306 T2                                | 10590-0201  | 270                 | 2"Flanged  | Flange     |           |                         | SK254      | 816                 | 21676-0001 | 21849       | SP1005-04        |  |
| V 1308 T2                                | 10490-07    | 270                 | 2"Flanged  | Foot       | x         | 50270-0911              | SK254      | 816                 | 21676-0001 | 21849       | SP1005-04        |  |
| V 1308 T2                                | 50270-0911  | 270                 | 2"Flanged  | Foot       |           |                         | SK408-0011 | 816                 | 17936-0001 | 21849       | SP1095-0640      |  |
|                                          |             |                     |            |            |           |                         |            |                     |            |             |                  |  |
| KELVIN - UK                              |             |                     |            |            |           |                         |            |                     |            |             |                  |  |
| DB Series                                |             |                     |            |            |           |                         |            |                     |            |             |                  |  |
|                                          | 6400-207    | 200                 | 1¼"BSP     | Foot       | x         | 52200-2001              | SK230      | 816                 | 836-0001   | SP6080-0374 | SP1005-04        |  |
|                                          | 52200-2001  | 200                 | 1½"BSP     | Foot       | x         | 52200-2011              | SK407-0011 | 816                 | 17935-0001 | SP6080-0374 | X3001-176F       |  |
|                                          | 52200-2011  | 200                 | 1½"BSP     | Foot       |           |                         | SK407-0011 | 816                 | 17935-0001 | SP6080-0374 | X3001-176F       |  |
|                                          | 4800-51     | 200                 | 1½"Flanged | Flange     | x         |                         | SK230      | 816                 | 836-0001   | 21849       | SP1005-04        |  |
|                                          | 6590-237    | 200                 | 1¼"BSP     | Foot       | x         | 51200-2003              | SK230-37   | 816                 | 836-0003   | SP6080-0374 | SP1005-04        |  |

Cooling Pump Spares by  
Make of Engine **Ha-Ke**

**Flexible Impeller Pumps -**



| Engine Details                  |             | Jabsco Pump Details |           |            |           |                         | Service Kit Details |                  |            |             |                  |
|---------------------------------|-------------|---------------------|-----------|------------|-----------|-------------------------|---------------------|------------------|------------|-------------|------------------|
| Engine Model Number             | Pump Number | Size                | Port Size | Mount Type | Obso-lete | Alternative Pump Number | Kit Number          | End Cover Gasket | Impeller   | Water Seal  | End Cover Screws |
| <b>KELVIN - UK CONTINUED...</b> |             |                     |           |            |           |                         |                     |                  |            |             |                  |
|                                 | 51200-2003  | 200                 | 1½"BSP    | Foot       |           | Bilge Option            | SK407-0003          | 816              | 836-0003   | SP6080-0374 | X3001-176F       |
|                                 | 6520-2003   | 080                 | 1"BSP     | Foot       | x         | 51080-2003              | SK385-0403          | 890              | 17937-0003 | SP2700-1027 | SP1003-09        |
|                                 | 51080-2003  | 080                 | 1"BSP     | Foot       |           |                         | SK406-0003          | 890              | 17937-0003 | SP2700-1027 | X3001-147F       |
| <b>KUBOTA</b>                   |             |                     |           |            |           |                         |                     |                  |            |             |                  |
| BZ482                           | 29460-1401  | 020                 | Ø 20 Hose | Flange     |           |                         | SK401-0001          | 2995-0030        | 18653-0001 | SP2701-1006 | SP1002-01        |
| BD722                           | 29460-1401  | 020                 | Ø 20 Hose | Flange     |           |                         | SK401-0001          | 2995-0030        | 18653-0001 | SP2701-1006 | SP1002-01        |
| BD1005                          | 29460-1401  | 020                 | Ø 20 Hose | Flange     |           |                         | SK401-0001          | 2995-0030        | 18653-0001 | SP2701-1006 | SP1002-01        |
| BV1305                          | 29460-1401  | 020                 | Ø 20 Hose | Flange     |           |                         | SK401-0001          | 2995-0030        | 18653-0001 | SP2701-1006 | SP1002-01        |
| BV1505                          | 29460-1401  | 020                 | Ø 20 Hose | Flange     |           |                         | SK401-0001          | 2995-0030        | 18653-0001 | SP2701-1006 | SP1002-01        |
| BV1903                          | 29460-1401  | 020                 | Ø 20 Hose | Flange     |           |                         | SK401-0001          | 2995-0030        | 18653-0001 | SP2701-1006 | SP1002-01        |
| BV2203                          | 29460-1401  | 020                 | Ø 20 Hose | Flange     |           |                         | SK401-0001          | 2995-0030        | 18653-0001 | SP2701-1006 | SP1002-01        |
| BF2803                          | 29460-1401  | 020                 | Ø 20 Hose | Flange     |           |                         | SK401-0001          | 2995-0030        | 18653-0001 | SP2701-1006 | SP1002-01        |
| KT 2000                         | 3270-2401   | 040                 | ¾"BSP     | Flange     | x         |                         | SK271               | 3298             | 1210-0001  | SP2701-21   | SP1002-02        |
| KT 3000                         | 3270-2401   | 040                 | ¾"BSP     | Flange     | x         |                         | SK271               | 3298             | 1210-0001  | SP2701-21   | SP1002-02        |
| <b>LANCING MARINE - UK</b>      |             |                     |           |            |           |                         |                     |                  |            |             |                  |
| BMC 1.5+1.8                     | 22960-2001  | 010                 | Ø 19 Hose | Foot       | x         |                         | SK355               | 21646            | 4528-0001  | SP2701-14   | SP1002-09        |
| BMC 2.2+2.5                     | 3270-241    | 040                 | ¾"BSP     | Flange     | x         |                         | SK271               | 3298             | 1210-0001  | SP2701-21   | SP1002-02        |
| BMC 3.4+3.8 (4/98) 5.1          | 3270-200    | 040                 | ¾"BSP     | Flange     | x         | 29500-1001              | SK271               | 3298             | 1210-0001  | SP2701-21   | SP1002-02        |
| BMC 3.4+3.8 (4/98) 5.1          | 29500-1001  | 040                 | Ø 28 Hose | Flange     |           |                         | SK384-0001          | 3298             | 1210-0001  | SP2700-1027 | SP1002-02        |
| BMC 5.7 + 6/98                  | 22770       | 020                 | Ø 25 Hose | Crank      | x         | 29440-1001              | SK346               | 1985-01          | 673-0001   | SP2701-21   | SP1004-09        |
| BMC 5.7 + 6/98                  | 29440-1001  | 020                 | Ø 25 Hose | Crank      |           |                         | SK402-0001          | 1985-0000        | 18653-0001 | 29441-0000  | SP1004-09        |
| Chev V8                         | 22740-0151  | 060                 | Ø 32 Hose | Crank      |           |                         | SK331-05            | 3298             | 22120-0001 | SP2701-21   | SP8019-01        |
| <b>Ford</b>                     |             |                     |           |            |           |                         |                     |                  |            |             |                  |
| 2700 / 2710 / 2720              | 10950-201   | 040                 | ½"BSP     | Flange     | x         | 10950-2401              | SK239               | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| 2700 / 2710 / 2720              | 10950-2401  | 040                 | ¾"BSP     | Flange     |           |                         | SK239               | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| Turbo 4 PC / 6 / Int.           | 21140-201   | 080                 | 1"BSP     | Flange     | x         | 21140-2401              | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| Turbo 4 PC / 6 / Int.           | 21140-2401  | 080                 | 1"BSP     | Flange     |           |                         | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| 1.1 / 1.6 / 2.0 / OHC / V4      | 22960-2001  | 010                 | Ø 19 Hose | Foot       | x         |                         | SK355               | 21646            | 4528-0001  | SP2701-14   | SP1002-09        |
| V6 2.3 / 2.8 / 2.5 / 3.0        | 22770       | 020                 | Ø 25 Hose | Crank      | x         | 29440-1001              | SK346               | 1985-01          | 673-0001   | SP2701-21   | SP1004-09        |
| V6 2.3 / 2.8 / 2.5 / 3.0        | 29440-1001  | 020                 | Ø 25 Hose | Crank      |           |                         | SK402-0001          | 1985-0000        | 18653-0001 | 29441-0000  | SP1004-09        |
| 590E / 592E                     | 21820-2001  | 040                 | ¾"BSP     | Foot       | x         | 52040-2001              | SK33                | 3298             | 1210-0001  | SP2701-21   | SP1002-02        |
| (4 Cylinder)                    | 52040-2001  | 040                 | ¾"BSP     | Foot       |           |                         | SK384-0101          | 3298             | 1210-0001  | SP2700-1027 | X3001-095F       |
| <b>GM / Bedford</b>             |             |                     |           |            |           |                         |                     |                  |            |             |                  |
| 220 + 330                       | 22770       | 020                 | Ø 25 Hose | Crank      | x         | 29440-1001              | SK346               | 1985-01          | 673-0001   | SP2701-21   | SP1004-09        |
| 220 + 330                       | 29440-1001  | 020                 | Ø 25 Hose | Crank      |           |                         | SK402-0001          | 1985-0000        | 18653-0001 | 29441-0000  | SP1004-09        |
| 381 + 466 + 500                 | 22740-0151  | 060                 | Ø 32 Hose | Crank      |           |                         | SK331-05            | 3298             | 22120-0001 | SP2701-21   | SP8019-01        |
| <b>Gardner</b>                  |             |                     |           |            |           |                         |                     |                  |            |             |                  |
| 6LX + 6LXB + 8LXB               | 6420-2001   | 080                 | 1"BSP     | Foot       | x         | 52080-2001              | SK385-0201          | 890              | 17937-0001 | SP2700-1027 | SP1003-09        |
| 6LX + 6LXB + 8LXB               | 52080-2001  | 080                 | 1"BSP     | Foot       |           |                         | SK406-0001          | 890              | 17937-0001 | SP2700-1027 | X3001-147F       |
| <b>Jaguar</b>                   |             |                     |           |            |           |                         |                     |                  |            |             |                  |
| 2.4 + 4.2                       | 3270-200    | 040                 | ¾"BSP     | Flange     | x         | 29500-1001              | SK271               | 3298             | 1210-0001  | SP2701-21   | SP1002-02        |
| 2.4 + 4.2                       | 29500-1001  | 040                 | Ø 28 Hose | Flange     |           |                         | SK384-0001          | 3298             | 1210-0001  | SP2700-1027 | SP1002-02        |
| <b>Leyland</b>                  |             |                     |           |            |           |                         |                     |                  |            |             |                  |
| 400 + 401 + 402                 | 23080-1151  | 060                 | Ø 32 Hose | Flange     | x         |                         | SK363-0051          | 3298             | 22120-0001 | 22626-6000  | SP1002-01        |
| <b>Mercedes</b>                 |             |                     |           |            |           |                         |                     |                  |            |             |                  |
| 180 + 190 + 200 + 220           | 22960-2001  | 010                 | Ø 19 Hose | Foot       | x         |                         | SK355               | 21646            | 4528-0001  | SP2701-14   | SP1002-09        |
| OM314 + 321 + 352               | 22770       | 020                 | Ø 25 Hose | Crank      | x         | 29440-1001              | SK346               | 1985-01          | 673-0001   | SP2701-21   | SP1004-09        |
| OM314 + 321 + 352               | 29440-1001  | 020                 | Ø 25 Hose | Crank      |           |                         | SK402-0001          | 1985-0000        | 18653-0001 | SP6080-0408 | SP1004-09        |
| <b>Perkins</b>                  |             |                     |           |            |           |                         |                     |                  |            |             |                  |
| 3.152                           | 22960-2001  | 010                 | Ø 19 Hose | Foot       | x         |                         | SK355               | 21646            | 4528-0001  | SP2701-14   | SP1002-09        |
| 4.203                           | 3270-200    | 040                 | ¾"BSP     | Flange     | x         | 29500-1001              | SK271               | 3298             | 1210-0001  | SP2701-21   | SP1002-02ab      |
| 4.203                           | 29500-1001  | 040                 | Ø 28 Hose | Flange     |           |                         | SK384-0001          | 3298             | 1210-0001  | SP2700-1027 | SP1002-02        |



| Engine Details                   |             | Jabsco Pump Details |            |            |           |                         |            | Service Kit Details |            |             |                  |  |
|----------------------------------|-------------|---------------------|------------|------------|-----------|-------------------------|------------|---------------------|------------|-------------|------------------|--|
| Engine Model Number              | Pump Number | Size                | Port Size  | Mount Type | Obso-lete | Alternative Pump Number | Kit Number | End Cover Gasket    | Impeller   | Water Seal  | End Cover Screws |  |
| LANCING MARINE - UK CONTINUED... |             |                     |            |            |           |                         |            |                     |            |             |                  |  |
| 4.236                            | 10970       | 040                 | ¾"BSP      | Flange     |           |                         | SK268-01   | 3298                | 1210-0001  | 22626-6000  | SP1002-02        |  |
| 4.248                            | 22770       | 020                 | Ø 25 Hose  | Crank      | x         | 29440-1001              | SK346      | 1985-01             | 673-0001   | SP2701-21   | SP1004-09        |  |
| 4.248                            | 29440-1001  | 020                 | Ø 25 Hose  | Crank      |           |                         | SK402-0001 | 1985-0000           | 18653-0001 | 29441-0000  | SP1004-09        |  |
| 6.354                            | 21820-2001  | 040                 | ¾"BSP      | Foot       | x         | 52040-2001              | SK33       | 3298                | 1210-0001  | SP2701-21   | SP1002-02        |  |
| 6.354                            | 52040-2001  | 040                 | ¾"BSP      | Foot       |           |                         | SK384-0101 | 3298                | 1210-0001  | SP2701-1015 | X3001-095F       |  |
| T6 354                           | 6420-2001   | 080                 | 1"BSP      | Foot       | x         | 52080-2001              | SK385-0201 | 890                 | 17937-0001 | SP2700-1027 | SP1003-09        |  |
| T6 354                           | 52080-2001  | 080                 | 1"BSP      | Foot       |           |                         | SK406-0001 | 890                 | 17937-0001 | SP2700-1027 | X3001-147        |  |
| 510 V8                           | 11120-200   | 080                 | 1"BSP      | Flange     |           |                         | SK229      | 890                 | 17937-0001 | 22626-6000  | SP1003-09        |  |
| 4.99 + 4.107 + 4.108             | 22960-2001  | 010                 | Ø 19 Hose  | Foot       | x         |                         | SK355      | 21646               | 4528-0001  | SP2701-14   | SP1002-09        |  |
| Peugeot                          |             |                     |            |            |           |                         |            |                     |            |             |                  |  |
| XD2 1.9&2.5                      | 22770       | 020                 | Ø 25 Hose  | Crank      | x         | 29440-1001              | SK346      | 1985-01             | 673-0001   | SP2701-21   | SP1004-09        |  |
| XD2 1.9&2.5                      | 29440-1001  | 020                 | Ø 25 Hose  | Crank      |           |                         | SK402-0001 | 1985-0000           | 18653-0001 | 29441-0000  | SP1004-09        |  |
| Volvo                            |             |                     |            |            |           |                         |            |                     |            |             |                  |  |
| TD70 + TD70E                     | 11120-200   | 080                 | 1"BSP      | Flange     |           |                         | SK229      | 890                 | 17937-0001 | 22626-6000  | SP1003-09        |  |
| VW Golf                          |             |                     |            |            |           |                         |            |                     |            |             |                  |  |
| 1500 + 1600                      | 22960-2001  | 010                 | Ø 19 Hose  | Foot       | x         |                         | SK355      | 21646               | 4528-0001  | SP2701-14   | SP1002-09        |  |
| Ford Genesis                     |             |                     |            |            |           |                         |            |                     |            |             |                  |  |
| 4 Cyl                            | 29520-2001  | 040                 | ¾"BSP      | Flange     |           |                         | SK239      | 3298                | 1210-0001  | 22626-6000  | SP1002-02        |  |
| 6 Cyl                            | 29620-2001  | 080                 | 1"BSP      | Flange     |           |                         | SK229      | 890                 | 17937-0001 | 22626-6000  | SP1003-09        |  |
|                                  |             |                     |            |            |           |                         |            |                     |            |             |                  |  |
| LEHMAN POWER LTD - UK            |             |                     |            |            |           |                         |            |                     |            |             |                  |  |
| 4D220                            | 6420-0101   | 080                 | 1"NPT      | Foot       | x         | 52220-0011              | SK236      | 890                 | 17937-0001 | SP2701-21   | SP1003-09        |  |
| 4D220                            | 52220-0011  | 200                 | 1½"Flanged | Foot       |           |                         | SK407-0011 | 816                 | 17935-0001 | SP6080-0374 | X3001-176F       |  |
| 6D380                            | 5850-0001   | 040                 | ¾"NPT      | Flange     |           |                         | SK33       | 3298                | 1210-0001  | SP2701-21   | SP1002-02        |  |
| Mercraft 24 / 57                 | 21690-200   | 040                 | ¾"BSP      | Flange     | x         |                         | SK239      | 3298                | 1210-0001  | 22626-6000  | SP1002-02        |  |
| Mercraft 24 / 87                 | 21690-200   | 040                 | ¾"BSP      | Flange     | x         |                         | SK239      | 3298                | 1210-0001  | 22626-6000  | SP1002-02        |  |
| Mercraft 80                      | 10950-204   | 040                 | ¾"BSP      | Flange     | x         | 10950-2401              | SK239      | 3298                | 1210-0001  | 22626-6000  | SP1002-02        |  |
| Mercraft 120                     | 10950-204   | 040                 | ¾"BSP      | Flange     | x         | 10950-2401              | SK239      | 3298                | 1210-0001  | 22626-6000  | SP1002-02        |  |
| Mercraft 120                     | 10950-2401  | 040                 | ¾"BSP      | Flange     |           |                         | SK239      | 3298                | 1210-0001  | 22626-6000  | SP1002-02        |  |
| Mercraft 150 Turbo               | 3370-200    | 040                 | ¾"BSP      | Flange     | x         | 9970-200                | SK33       | 3298                | 1210-0001  | SP2701-21   | SP1002-02        |  |
| Mercraft 150 Turbo               | 9970-200    | 040                 | ¾"BSP      | Flange     |           |                         | SK229      | 3298                | 1210-0001  | 22626-6000  | SP1002-02        |  |
| Mercraft 180 Turbo               | 21140-200   | 080                 | 1"BSP      | Flange     | x         | 21140-2401              | SK229      | 890                 | 17937-0001 | 22626-6000  | SP1003-09        |  |
| Mercraft 180 Turbo               | 21140-2401  | 080                 | 1"BSP      | Flange     |           |                         | SK229      | 890                 | 17937-0001 | 22626-6000  | SP1003-09        |  |
| Mercraft 210 Turbo               | 21580-200   | 080                 | 1"BSP      | Flange     | x         |                         | SK229      | 890                 | 17937-0001 | 22626-6000  | SP1003-09        |  |
| Mercraft 250 Turbo               | 21580-200   | 080                 | 1"BSP      | Flange     | x         |                         | SK229      | 890                 | 17937-0001 | 22626-6000  | SP1003-09        |  |
| Mercraft 150 Turbo Inc.          | 10950-204   | 040                 | ¾"BSP      | Flange     | x         | 10950-2401              | SK239      | 3298                | 1210-0001  | 22626-6000  | SP1002-02        |  |
| Mercraft 150 Turbo Inc.          | 21140-2401  | 080                 | 1"BSP      | Flange     |           |                         | SK229      | 890                 | 17937-0001 | 22626-6000  | SP1003-09        |  |
| Mercraft 180 Turbo Inc.          | 21140-204   | 080                 | 1"BSP      | Flange     | x         | 21140-2401              | SK229      | 890                 | 17937-0001 | 22626-6000  | SP1003-09        |  |
| Mercraft 180 Turbo Inc.          | 21140-2401  | 080                 | 1"BSP      | Flange     |           |                         | SK229      | 890                 | 17937-0001 | 22626-6000  | SP1003-09        |  |
| Ford Dover                       | 10950-2601  | 040                 | ¾"BSP      | Flange     |           |                         | SK239      | 3298                | 1210-0001  | 22626-6000  | SP1002-02        |  |
| Ford Dover                       | 21140-2601  | 080                 | 1"BSP      | Flange     |           |                         | SK229      | 890                 | 17937-0001 | 22626-6000  | SP1003-09        |  |
| Super 355                        | 29700-1201  | 120                 | Ø 45 Hose  | Flange     |           |                         | SK386-0001 | 890                 | 17018-0001 | SP6080-0469 | SP1003-0111      |  |
|                                  |             |                     |            |            |           |                         |            |                     |            |             |                  |  |
| LEYLAND THORNYCROFT - UK         |             |                     |            |            |           |                         |            |                     |            |             |                  |  |
| RF LD-220                        | 4900-201    | 040                 | ½"BSP      | Foot       | x         |                         | SK234      | 4908                | 4568-0001  | 3791        | SP1003-09        |  |
| RF 6-330                         | JD¾-201     | 040                 | ¾"BSP      | Foot       | x         | JD¾-200                 | SK220      | 706-01              | 4598-0001  | 3791        | SP1003-02        |  |
| RF 6-330                         | JD¾-200     | 040                 | ¾"BSP      | Foot       |           |                         | SK220      | 706-01              | 4598-0001  | C20         | SP1003-02        |  |
| 90 / 90E / 90 / 2 / 108 / 2      | 4900-200    | 040                 | ½"BSP      | Foot       |           |                         | SK234      | 4908                | 4568-0001  | 3791        | SP1003-09        |  |
| 90 / 90E / 90 / 2 / 108 / 2      | 52040-2401  | 040                 | ¾"BSP      | Foot       |           |                         | SK384-0101 | 3298                | 1210-0001  | SP2701-1015 | X3001-095F       |  |
| 138 / 152 / 154 / 160            | 3270-271    | 040                 | ¾"BSP      | Flange     | x         |                         | SK271      | 3298                | 1210-0001  | SP2701-21   | SP1002-02        |  |
| 230                              | 9700-151    | 080                 | 1"Flanged  | Flange     |           |                         | SK238-01   | 3101                | 17937-0001 | SP6080-06   | SP1003-01        |  |
| 238 / T 238                      | 23430-1301  | 080                 | Ø 32 Hose  | Flange     |           |                         | SK385-0001 | 890                 | 17937-0001 | SP2700-1027 | SP1003-0111      |  |
| 240 / 250 / 251                  | 10950-204   | 040                 | ¾"BSP      | Flange     | x         | 10950-2401              | SK239      | 3298                | 1210-0001  | 22626-6000  | SP1002-02        |  |
| 240 / 250 / 251                  | 10950-2401  | 040                 | ¾"BSP      | Flange     |           |                         | SK239      | 3298                | 1210-0001  | 22626-6000  | SP1002-02        |  |

Cooling Pump Spares by  
Make of Engine **La-Le**

**Flexible Impeller Pumps -**



| Engine Details                                   |             | Jabsco Pump Details |            |            |           |                         | Service Kit Details |                  |            |             |                  |
|--------------------------------------------------|-------------|---------------------|------------|------------|-----------|-------------------------|---------------------|------------------|------------|-------------|------------------|
| Engine Model Number                              | Pump Number | Size                | Port Size  | Mount Type | Obso-lete | Alternative Pump Number | Kit Number          | End Cover Gasket | Impeller   | Water Seal  | End Cover Screws |
| <b>LEYLAND THORNYCROFT - UK CONTINUED...</b>     |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| 331                                              | 10950-200   | 040                 | ¾"BSP      | Flange     | x         | 10950-2401              | SK239               | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| 331                                              | 10950-2401  | 040                 | ¾"BSP      | Flange     |           |                         | SK239               | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| 345                                              | 9700-171    | 080                 | 1"Flanged  | Flange     | x         |                         | SK238               | 890              | 17937-0001 | SP6080-06   | SP1003-01        |
| 358 / T358 / TA358                               | 23430-1301  | 080                 | Ø 32 Hose  | Flange     |           |                         | SK385-0001          | 890              | 17937-0001 | SP2700-1027 | SP1003-0111      |
| 360                                              | 10950-200   | 040                 | ¾"BSP      | Flange     | x         | 10950-2401              | SK239               | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| 360                                              | 10950-2401  | 040                 | ¾"BSP      | Flange     |           |                         | SK239               | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| 360.1 / T360.1 / 380 / 1                         | 21140-204   | 080                 | 1"BSP      | Flange     | x         | 21140-2401              | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| 360.1 / T360.1 / 380 / 1                         | 10950-2401  | 040                 | ¾"BSP      | Flange     |           |                         | SK239               | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| 400 / T400 / 500                                 | 9700-01     | 080                 | 1"Flanged  | Flange     |           |                         | SK238               | 890              | 17937-0001 | SP6080-06   | SP1003-01        |
| T500                                             | 4800-51     | 200                 | 1½"Flanged | Flange     | x         |                         | SK230               | 816              | 836-0001   | 21849       | SP1005-04        |
| 590 / 690 / 691 / 760                            | 6400-205    | 200                 | 1¼"BSP     | Foot       | x         | 52200-2051              | SK230               | 816              | 836-0001   | SP6080-0374 | SP1005-04        |
| 590 / 690 / 691 / 760                            | 52200-2051  | 200                 | 1¼"BSP     | Foot       |           |                         | SK407-0011          | 816              | 17935-0001 | SP6080-0374 | X3001-176F       |
| 760 / AVT 1100                                   | 6400-207    | 200                 | 1¼"BSP     | Foot       | x         | 52200-2001              | SK230               | 816              | 836-0001   | SP6080-0374 | SP1005-04        |
| 760 / AVT 1100                                   | 52200-2001  | 200                 | 1¼"BSP     | Foot       | x         | 52200-2011              | SK407-0011          | 816              | 17935-0001 | SP6080-0374 | X3001-176F       |
| 760 / AVT 1100                                   | 52200-2011  | 200                 | 1¼"BSP     | Foot       |           |                         | SK407-0011          | 816              | 17935-0001 | SP6080-0374 | X3001-176F       |
| <b>LISTER, R.A. - SEE HAWKER SIDDELEY MARINE</b> |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| <b>LOMBARDINI - ITALY</b>                        |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| 672 / 673 / 674                                  | 11620-200   | 010                 | ¼"BSP      | Flange     | x         | 22830-2101              | SK23                | 1189             | 4528-0001  | SP2701-11   | SP1002-01        |
| 832 / 833 / 834                                  | 11620-200   | 010                 | ¼"BSP      | Flange     | x         | 22830-2101              | SK23                | 1189             | 4528-0001  | SP2701-11   | SP1002-01        |
| 832 / 833 / 834                                  | 22830-2101  | 010                 | ¾"BSP      | Flange     |           |                         | SK23                | 1189             | 4528-0001  | SP2701-14   | SP1002-01        |
| LDW 602M / LDW 903M                              | 29470-2231  | 020                 | ¾"BSP      | Flange     |           |                         | SK405-0001          | 29476-0000       | 18653-0001 | SP2701-1006 | X3004-095G       |
| LDW 1204M                                        | 29470-2531  | 020                 | ¾"BSP      | Flange     |           |                         | SK405-0001          | 29476-0000       | 18653-0001 | SP2701-1006 | X3004-095G       |
| LDW 1503                                         | 29470-2431  | 020                 | ¾"BSP      | Flange     |           |                         | SK405-0001          | 29476-0000       | 18653-0001 | SP2701-1006 | X3004-095G       |
| LDW 2004M / T                                    | 29470-2431  | 020                 | ¾"BSP      | Flange     |           |                         | SK405-0001          | 29476-0000       | 18653-0001 | SP2701-1006 | X3004-095G       |
| <b>MAN - GERMANY</b>                             |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| D0224ME                                          | 23020-1101  | 060                 | Ø 32 Hose  | Crank      |           |                         | SK331-05            | 3298             | 22120-0001 | SP6080-08B  | SP8019-01        |
| D0226ME                                          | 23020-1101  | 060                 | Ø 32 Hose  | Crank      |           |                         | SK331-05            | 3298             | 22120-0001 | SP6080-08B  | SP8019-01        |
| D0226MLE                                         | 23060-1101  | 060                 | Ø 32 Hose  | Crank      | x         | Dual Pump               | SK360               | 3298             | 22120-0001 | SP6080-08B  | SP1002-03        |
| D0226MTE                                         | 23060-1101  | 060                 | Ø 32 Hose  | Crank      | x         | Dual Pump               | SK360               | 3298             | 22120-0001 | SP6080-08B  | SP1002-03        |
| D0826GLE40/ML                                    | 29600-1201  | 080                 | Ø 32 Hose  | Flange     |           |                         | SK385-0101          | 890              | 17937-0001 | SP6080-0469 | SP1003-0111      |
| D2530M /MT                                       | 22040-0501  | 270                 | 2"Flanged  | Flange     |           |                         | SK318               | 816              | 21676-0001 | 21849       | SP1005-04        |
| D2540L /ML /MT                                   | 22040-0501  | 270                 | 2"Flanged  | Flange     |           |                         | SK318               | 816              | 21676-0001 | 21849       | SP1005-04        |
| D2542L /ME/ MLE/ MTE                             | 23010-0531  | 080                 | 1"BSP      | Flange     | x         | Bilge                   | SK357-0001          | 11746            | 17937-0001 | 21849       | SP1005-03        |
|                                                  | Dual Pump   | 270                 | 2"Flange   | Flange     |           | Cooling                 | SK357-0001          | 816              | 21676-0001 | 21849       | SP1005-03        |
| W4V 14/18                                        | 5400-205    | 200                 | 1¼"BSP     | Foot       | x         | 52200-2051              |                     |                  |            |             |                  |
| W6V 14/18                                        | 5400-205    | 200                 | 1¼"BSP     | Foot       | x         | 52200-2051              |                     |                  |            |             |                  |
| W3V 17,5/22A                                     | 5400-205    | 200                 | 1¼"BSP     | Foot       | x         | 52200-2051              |                     |                  |            |             |                  |
| W3V 17,5/22A                                     | 52200-2051  | 200                 | 1½"BSP     | Foot       |           |                         | SK407-0011          | 816              | 17935-0001 | SP6080-0374 | X3001-176F       |
| W4V 17,5/22A                                     | 7870-251    | 200                 | 1¼"BSP     | Foot       | x         |                         | SK230               | 816              | 836-0001   | 21849       | SP1005-04        |
| W5V 17,5/22A                                     | 7870-251    | 200                 | 1¼"BSP     | Foot       | x         |                         | SK230               | 816              | 836-0001   | 21849       | SP1005-04        |
| W6V 17,5/22A                                     | 7870-251    | 200                 | 1¼"BSP     | Foot       | x         |                         | SK230               | 816              | 836-0001   | 21849       | SP1005-04        |
| W8V 17.5/22A                                     | 7870-251    | 200                 | 1¼"BSP     | Foot       | x         |                         | SK230               | 816              | 836-0001   | 21849       | SP1005-04        |
| <b>MARINE POWER - USA</b>                        |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| GM454 / Ford351                                  | 23800-0201  | 060                 | Ø 32 Hose  | Crank      |           |                         | SK331-0251          | 3298             | 22120-0001 | SP2701-21   | SP8019-01        |
| GM 4 Cylinder                                    | 52040-2001  | 040                 | ¾"BSP      | Foot       |           |                         | SK384-0101          | 3298             | 1210-0001  | SP2700-1027 | X3001-095F       |
| <b>MERCUISER (MDE) - USA</b>                     |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| D183                                             | 29700-1331  | 120                 | Ø 45 Hose  | Flange     |           |                         | SK386-0001          | 890              | 17018-0001 | SP6080-0469 | SP1003-0111      |
| D219                                             | 23430-1031  | 080                 | Ø 32 Hose  | Flange     |           |                         | SK385-0001          | 890              | 17937-0001 | SP2700-1027 | SP1003-0111      |
| D254                                             | 29700-1331  | 120                 | Ø 45 Hose  | Flange     |           |                         | SK386-0001          | 890              | 17018-0001 | SP6080-0469 | SP1003-0111      |



| Engine Details               |             | Jabsco Pump Details |           |            |           |                         | Service Kit Details |                  |            |             |                  |
|------------------------------|-------------|---------------------|-----------|------------|-----------|-------------------------|---------------------|------------------|------------|-------------|------------------|
| Engine Model Number          | Pump Number | Size                | Port Size | Mount Type | Obso-lete | Alternative Pump Number | Kit Number          | End Cover Gasket | Impeller   | Water Seal  | End Cover Screws |
| <b>MERMAID MARINE - UK</b>   |             |                     |           |            |           |                         |                     |                  |            |             |                  |
| 105 / 130                    | 21140-204   | 080                 | 1"BSP     | Flange     | x         | 21140-2401              | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| 397 / 595 / ET / .INT        | 21140-204   | 080                 | 1"BSP     | Flange     | x         | 21140-2401              | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| 397 / 595 / ET / .INT        | 21140-2401  | 080                 | 1"BSP     | Flange     |           |                         | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| 595TP                        | 21580-200   | 080                 | 1"BSP     | Flange     | x         |                         | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| Ford 2704 ET                 | 21580-200   | 080                 | 1"BSP     | Flange     | x         |                         | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| Flat Four / Six              | 21140-204   | 080                 | 1"BSP     | Flange     | x         | 21140-2401              | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| Turbo Four                   | 21140-204   | 080                 | 1"BSP     | Flange     | x         | 21140-2401              | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| Turbo Four                   | 21140-2401  | 080                 | 1"BSP     | Flange     |           |                         | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| Turbo Plus                   | 21140-2641  | 080                 | 1"BSP     | Flange     | x         |                         | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| Mariner 2715E                | 21140-2441  | 080                 | 1"BSP     | Flange     | x         |                         | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| Mariner 2720E                | 21140-2641  | 080                 | 1"BSP     | Flange     | x         |                         | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| Magnum                       | 29700-1201  | 120                 | Ø 45 Hose | Flange     |           |                         | SK386-0001          | 890              | 17018-0001 | SP6080-0469 | SP1003-0111      |
| Majestic                     | 21140-2641  | 080                 | 1"BSP     | Flange     | x         |                         | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| Manta                        | 23430-1201  | 080                 | Ø 32 Hose | Flange     |           |                         | SK385-0001          | 890              | 17937-0001 | SP2700-1027 | SP1003-0111      |
| Meermin                      | 52040-2001  | 040                 | ¾"BSP     | Foot       |           |                         | SK384-0101          | 3298             | 1210-0001  | SP2700-1027 | X3001-095F       |
| Melody                       | 21140-2641  | 080                 | 1"BSP     | Flange     | x         |                         | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| Merlin FSD                   | 52040-2001  | 040                 | ¾"BSP     | Foot       |           |                         | SK384-0101          | 3298             | 1210-0001  | SP2700-1027 | X3001-095F       |
| Merlin FSD                   | 29500-1201  | 040                 | Ø 28 Hose | Flange     |           |                         | SK384-0001          | 3298             | 1210-0001  | SP2700-1027 | SP1002-02        |
| Merlin Turbo                 | 22750-1101  | 060                 | Ø 32 Hose | Crank      |           |                         | SK331-05            | 3298             | 22120-0001 | SP2701-21   | SP8019-01        |
| Meteor XLD                   | 22770-1101  | 020                 | Ø 25 Hose | Crank      | x         | 29440-1101              | SK346               | 1985-01          | 673-0001   | SP2701-21   | SP1004-09        |
| Meteorite                    | 22770-1101  | 020                 | Ø 25 Hose | Crank      | x         | 29440-1101              | SK346               | 1985-01          | 673-0001   | SP2701-21   | SP1004-09        |
| Meteorite                    | 29440-1101  | 020                 | Ø 25 Hose | Crank      |           |                         | SK402-0001          | 1985-0000        | 18653-0001 | 29441-0000  | SP1004-09        |
| Minuet                       | 52040-2001  | 040                 | ¾"BSP     | Foot       |           |                         | SK384-0101          | 3298             | 1210-0001  | SP2700-1027 | X3001-095F       |
| Mistral                      | 21140-2641  | 080                 | 1"BSP     | Flange     | x         |                         | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| Monarch                      | 21140-2641  | 080                 | 1"BSP     | Flange     | x         |                         | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| <b>MITSUBISHI</b>            |             |                     |           |            |           |                         |                     |                  |            |             |                  |
| K 2AS                        | 52010-2001  | 010                 | ¾"NPTF    | Foot       |           |                         | SK404-0101          | 29308-0000       | 22405-0001 | SP2701-1006 | X3001-095F       |
| K 2C                         | 29470-2351  | 020                 | ¾"BSP     | Flange     | x         | 29470-2351C             | SK405-0001          | 29476-0000       | 18653-0001 | SP2701-1006 | X3004-095G       |
| K 3M                         | 29470-2331  | 020                 | ¾"BSP     | Flange     | x         | 29470-2331C             | SK405-0001          | 29476-0000       | 18653-0001 | SP2701-1006 | X3004-095G       |
| K 3E / 4E                    | 29470-2351  | 020                 | ¾"BSP     | Flange     | x         | 29470-2351C             | SK405-0001          | 29476-0000       | 18653-0001 | SP2701-1006 | X3004-095G       |
| S 4E2                        | 23430-1041  | 080                 | Ø 32 Hose | Flange     | x         |                         | SK385-0001          | 890              | 17937-0001 | SP2700-1027 | SP1003-0111      |
| S 6E2                        | 23430-1041  | 080                 | Ø 32 Hose | Flange     | x         |                         | SK385-0001          | 890              | 17937-0001 | SP2700-1027 | SP1003-0111      |
| S 6E2                        | 23430-1001  | 080                 | Ø 32 Hose | Flange     |           |                         | SK385-0001          | 890              | 17937-0001 | SP2700-1027 | SP1003-0111      |
| 4 DQ50                       | 23430-1051  | 080                 | Ø 32 Hose | Flange     |           |                         | SK385-0001          | 890              | 17937-0001 | SP2700-1027 | SP1003-0111      |
| 4 DQ50                       | 23430-1041  | 080                 | Ø 32 Hose | Flange     | x         |                         | SK385-0001          | 890              | 17937-0001 | SP2700-1027 | SP1003-0111      |
| K & L series, 2,3,4 cylinder | 29400-1101  |                     |           |            |           |                         |                     |                  |            |             | -000             |
| <b>MWM - GERMANY</b>         |             |                     |           |            |           |                         |                     |                  |            |             |                  |
| KD 1105 Z                    | 9970-241-37 | 040                 | ¾"BSP     | Flange     |           |                         | SK239-37            | 3298             | 1210-0003  | 22626-6000  | SP1002-02        |
| KD 1105 D                    | 9970-241-37 | 040                 | ¾"BSP     | Flange     |           |                         | SK239-37            | 3298             | 1210-0003  | 22626-6000  | SP1002-02        |
| KD 1105 V                    | 9970-241-37 | 040                 | ¾"BSP     | Flange     |           |                         | SK239-37            | 3298             | 1210-0003  | 22626-6000  | SP1002-02        |
| KD 1105 S                    | 9970-241-37 | 040                 | ¾"BSP     | Flange     |           |                         | SK239-37            | 3298             | 1210-0003  | 22626-6000  | SP1002-02        |
| D 208                        | 9970-241-37 | 040                 | ¾"BSP     | Flange     |           |                         | SK239-37            | 3298             | 1210-0003  | 22626-6000  | SP1002-02        |
| TKD 1105 V&S                 | 9970-251    | 040                 | ¾"BSP     | Flange     | x         | 9970-241                | SK239               | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| KD 1105                      | 9970-251    | 040                 | ¾"BSP     | Flange     | x         | 9970-241                | SK239               | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| TD 208-4 & 6                 | 9970-251    | 040                 | ¾"BSP     | Flange     | x         | 9970-241                | SK239               | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| D 2086                       | 9970-251    | 040                 | ¾"BSP     | Flange     | x         | 9970-241                | SK239               | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| D 2086                       | 9970-241    | 040                 | ¾"BSP     | Flange     |           | Direct Cooling          | SK241               | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| D 225 4 & 6                  | 9970-241-37 | 040                 | ¾"BSP     | Flange     |           |                         | SK239-37            | 3298             | 1210-0003  | 22626-6000  | SP1002-02        |
| D226-2 -3-4 & 6              | 9970-241    | 040                 | ¾"BSP     | Flange     |           | Direct Cooling          | SK241               | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| TD 226-6                     | 9970-241    | 040                 | ¾"BSP     | Flange     |           | Direct Cooling          | SK241               | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| TD 228-6                     | 9970-241    | 040                 | ¾"BSP     | Flange     |           | Direct Cooling          | SK241               | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| TD 226-6                     | 22220-241   | 060                 | 1"BSP     | Flange     |           |                         | SK334               | 3298             | 22120-0001 | 22626-6000  | SP1002-01        |

Cooling Pump Spares by  
Make of Engine **Me-Mw**

**Flexible Impeller Pumps**



| Engine Details                       |             | Jabsco Pump Details |             |            |           |                         | Service Kit Details |                  |            |             |                  |
|--------------------------------------|-------------|---------------------|-------------|------------|-----------|-------------------------|---------------------|------------------|------------|-------------|------------------|
| Engine Model Number                  | Pump Number | Size                | Port Size   | Mount Type | Obso-lete | Alternative Pump Number | Kit Number          | End Cover Gasket | Impeller   | Water Seal  | End Cover Screws |
| <b>MWM - GERMANY CONTINUED...</b>    |             |                     |             |            |           |                         |                     |                  |            |             |                  |
| TD 228-6                             | 22220-241   | 060                 | 1"BSP       | Flange     |           |                         | SK334               | 3298             | 22120-0001 | 22626-6000  | SP1002-01        |
| D202-283                             | 22830-2051  | 010                 | ¾"BSP       | Flange     | x         |                         | SK23                | 1189             | 4528-0001  | SP2701-14   | SP1002-01        |
| 234B                                 | 29880-0001  | 370                 | 2¾" Flanged | Flange     |           | Respecified             | SK410               | X4020-424A       | 17240-0001 | 21849       | X3001-180F       |
| D889 / 90/ 91/ 92/ 93                | 22820-2051  | 040                 | ¾"BSP       | Flange     | x         |                         | SK23                | 1189             | 4528-0001  | SP2701-14   | SP1002-01        |
| <b>NANNI DIESEL - FRANCE/HOLLAND</b> |             |                     |             |            |           |                         |                     |                  |            |             |                  |
| FK2 / 2.40 HE                        | 29300-2001  | 010                 | ¾"BSP       | Flange     |           |                         | SK404-0001          | 29308-0000       | 22405-0001 | SP2701-1006 | X3004-095G       |
| FK3 / 2.60 HE / 3.90 HE              | 29470-2031  | 020                 | ¾"BSP       | Flange     |           |                         | SK405-0001          | 29476-0000       | 18653-0001 | SP2701-1006 | X3004-095G       |
| K.L.A                                | 29300-2301  | 010                 | ¾"BSP       | Flange     | x         |                         | SK404-0001          | 29308-0000       | 22405-0001 | SP2701-1006 | X3004-095G       |
| L30                                  | 52010-2001  | 010                 | ¾"NPTF      | Foot       |           |                         | SK404-0101          | 29308-0000       | 22405-0001 | SP2701-1006 | X3001-095F       |
| P 30 / R 30 / S 30                   | 29470-2031  | 020                 | ¾"BSP       | Flange     |           |                         | SK405-0001          | 29476-0000       | 18653-0001 | SP2701-1006 | X3004-095G       |
| P 30 / R 30 / S 30                   | 52020-2031  | 020                 | ½"BSP       | Foot       |           |                         | SK405-0101          | 2995-0030        | 18653-0001 | SP2701-1006 | X3001-095F       |
| RC 210 D                             | 11740-205   | 080                 | 1"BSP       | Foot       | x         | Bilge                   | SK300               | 11746            | 17937-0001 | 21849       | SP1005-03        |
| RC 320 D                             | Dual Pump   | 200                 | 1½" Flanged | Foot       |           | Cooling                 | SK300               | 816              | 836-0001   | 21849       | SP1005-03        |
| 2.40HE                               | 29300-2001C | 010                 | ¾"BSP       | Flange     |           |                         | SK404-0001          | 29308-0000       | 22405-0001 | SP2701-1006 | X3004-095G       |
| 2.50HE                               | 29460-1401  | 020                 | Ø 20 Hose   | Flange     |           |                         | SK401-0001          | 2995-0030        | 18653-0001 | SP2701-1006 | SP1002-01        |
| 2.60                                 | 11260-2101  | 010                 | ¾"BSP       | Flange     | x         | 29300-2201C             | SK266               | 1126             | 4528-0001  | SP2701-04   | SP1002-01        |
| 2.60HE                               | 29470-2031C | 020                 | ¾"BSP       | Flange     |           |                         | SK405-0001          | 29476-0000       | 18653-0001 | SP2701-1006 | X3004-095G       |
| 3.75HE                               | 29460-1401  | 020                 | Ø 20 Hose   | Flange     |           |                         | SK401-0001          | 2995-0030        | 18653-0001 | SP2701-1006 | SP1002-01        |
| 3.90                                 | 11260-2101  | 010                 | ¾"BSP       | Flange     | x         | 29300-2201C             | SK266               | 1126             | 4528-0001  | SP2701-04   | SP1002-01        |
| 3.90                                 | 29300-2201C | 010                 | ¾"BSP       | Flange     |           |                         | SK404-0001          | 29308-0000       | 22405-0001 | SP2701-1006 | X3004-095G       |
| 3.90                                 | 21130-2101  | 020                 | ¾"BSP       | Flange     | x         | Bilge                   | SK304               | 21117            | 4528-0001  | SP2701-04   | SP1002-03        |
|                                      | Dual Pump   | 020                 | ¾"BSP       | Flange     |           | Cooling                 | SK304               | 21117            | 4528-0001  | SP2701-04   | SP1002-17        |
| 3.90HE                               | 29470-2031  |                     |             |            |           |                         |                     |                  | 18653-0001 |             |                  |
| 4.110 HE                             | 3270-261    | 040                 | ¾"BSP       | Flange     | x         |                         | SK33                | 3298             | 1210-0001  | SP2701-21   | SP1002-02        |
| 4.110HLE                             | 3270-261    | 040                 | ¾"BSP       | Flange     |           |                         | SK33                | 3298             | 1210-0001  | SP2701-21   | SP1002-02        |
| 4.18                                 | 3270-261    | 040                 | ¾"BSP       | Flange     |           |                         |                     |                  | 1210-0001  |             |                  |
| 4.180                                | 3270-261    | 040                 | ¾"BSP       | Flange     | x         |                         | SK33                | 3298             | 1210-0001  | SP2701-21   | SP1002-02        |
| 4.190 HE                             | 29500       | 040                 | Ø 28 Hose   | Flange     | x         |                         | SK384-0001          | 3298             | 1210-0001  | SP2700-1027 | SP1002-02        |
| 4.220 HE                             | 23430-1001  | 080                 | Ø 32 Hose   | Flange     |           |                         | SK385-0001          | 890              | 17937-0001 | SP2700-1027 | SP1003-0111      |
| 4.440                                | 29600-1201  | 080                 | Ø 32 Hose   | Flange     |           |                         | SK385-0101          | 890              | 17937-0001 | SP6080-0469 | SP1003-0111      |
| 5.280 HE                             | 23430-1001  | 080                 | Ø 32 Hose   | Flange     |           |                         | SK385-0001          | 890              | 17937-0001 | SP2700-1027 | SP1003-0111      |
| 6.280                                | 23430-1001  | 080                 | Ø 32 Hose   | Flange     |           |                         | SK385-0001          | 890              | 17937-0001 | SP2700-1027 | SP1003-0111      |
| 6.570 / T                            | 6420-2041   | 080                 | 1"BSP       | Foot       | x         | 52080-2041              | SK385-0201          | 3101             | 17937-0001 | SP2700-1027 | SP1003-09        |
| 6.570 / T                            | 52080-2041  | 080                 | 1"BSP       | Foot       |           |                         | SK406-0001          | 890              | 17937-0001 | SP2700-1027 | X3001-147F       |
| 6.660E / 6.660 LE                    | 29600-1201  | 080                 | Ø 32 Hose   | Flange     |           |                         | SK385-0101          | 890              | 17937-0001 | SP6080-0469 | SP1003-0111      |
| MB 180 / 300                         | 3270-200    | 040                 | ¾"BSP       | Flange     | x         | 29500-1001              | SK271               | 3298             | 1210-0001  | SP2701-21   | SP1002-02        |
| MB 180 / 300                         | 29500-1001  | 040                 | Ø 28 Hose   | Flange     |           |                         | SK384-0001          | 3298             | 1210-0001  | SP2700-1027 | SP1002-02        |
| MB 220                               | 3270-205    | 040                 | ¾"BSP       | Flange     | x         |                         | SK33                | 3298             | 1210-0001  | SP2701-21   | SP1002-02        |
| OM 366                               | 23340-1101  | 120                 | Ø 45 Hose   | Flange     |           | Respecified             | SK310               | 890              | 17018-0001 | 22617-0000  | SP1003-09        |
| 1300                                 | 52220-0041  | 200                 | 1½" Flanged | Foot       |           |                         | SK407-0011          | 816              | 17935-0001 | SP6080-0374 | X3001-176F       |
| 1600                                 | 52220-0011  | 200                 | 1½" Flanged | Foot       |           |                         | SK407-0011          | 816              | 17935-0001 | SP6080-0374 | X3001-176F       |
| 2100                                 | 52270-2041  | 270                 | 2"BSP       | Foot       |           |                         | SK408-0011          | 816              | 21676-0001 | SP6080-0374 | X3001-176F       |
| 2100 T                               | 52270-2011  | 270                 | 2"BSP       | Foot       |           |                         | SK408-0011          | 816              | 17936-0001 | SP6080-0374 | X3001-176F       |
| <b>NORPRO - USA</b>                  |             |                     |             |            |           |                         |                     |                  |            |             |                  |
| 1120A                                | 2620-1001   |                     | ¾" NPTF     | Foot       |           |                         | 90020-0001          | 18753-0125       | 18673-0001 | 92700-0050  | 18753-0121       |
| 1731                                 | 2620-1001   |                     | ¾" NPTF     | Foot       |           |                         | 90020-0001          | 18753-0125       | 18673-0001 | 92700-0050  | 18753-0121       |
| 600                                  | 2620-1001   |                     | ¾" NPTF     | Foot       |           |                         | 90020-0001          | 18753-0125       | 18673-0001 | 92700-0050  | 18753-0121       |
| 800                                  | 2620-1001   |                     | ¾" NPTF     | Foot       |           |                         | 90020-0001          | 18753-0125       | 18673-0001 | 92700-0050  | 18753-0121       |
| 1000                                 | 2620-1001   |                     | ¾" NPTF     | Foot       |           |                         | 90020-0001          | 18753-0125       | 18673-0001 | 92700-0050  | 18753-0121       |
| 1250                                 | 2620-1001   |                     | ¾" NPTF     | Foot       |           |                         | 90020-0001          | 18753-0125       | 18673-0001 | 92700-0050  | 18753-0121       |
| 1800                                 | 2620-1001   |                     | ¾" NPTF     | Foot       |           |                         | 90020-0001          | 18753-0125       | 18673-0001 | 92700-0050  | 18753-0121       |
| 6500T2                               | 777-9001    |                     | 1" NPTF     | Foot       |           |                         | 90118-0001          | 890-0000         | 920-0001   | 96080-0080  | 91003-0010       |



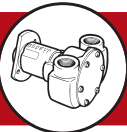
| Engine Details               |             | Jabsco Pump Details |               |            |           |                         | Service Kit Details |                  |            |             |                  |
|------------------------------|-------------|---------------------|---------------|------------|-----------|-------------------------|---------------------|------------------|------------|-------------|------------------|
| Engine Model Number          | Pump Number | Size                | Port Size     | Mount Type | Obso-lete | Alternative Pump Number | Kit Number          | End Cover Gasket | Impeller   | Water Seal  | End Cover Screws |
| <b>NORTH EAST FORD - USA</b> |             |                     |               |            |           |                         |                     |                  |            |             |                  |
| Ford                         |             |                     |               |            |           |                         |                     |                  |            |             |                  |
| 2723                         | 21140-2601  | 080                 | 1"BSP         | Flange     |           |                         | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
|                              |             |                     |               |            |           |                         |                     |                  |            |             |                  |
| <b>ONAN - USA</b>            |             |                     |               |            |           |                         |                     |                  |            |             |                  |
| Ensign                       | 52010-0051  | 010                 | 3/8"NPT       | Foot       | x         |                         | SK404-0101          | 29308-0000       | 22405-0001 | SP2701-1006 | X3001-095F       |
| 9 kW                         | 52010-0051  | 010                 | 3/8"NPT       | Foot       | x         |                         | SK404-0101          | 29308-0000       | 22405-0001 | SP2701-1006 | X3001-095F       |
|                              |             |                     |               |            |           |                         |                     |                  |            |             |                  |
| <b>PERKINS - UK</b>          |             |                     |               |            |           |                         |                     |                  |            |             |                  |
| P3 144M / 152M               | 4850        | 080                 | Ø 32 Hose     | Flange     | x         | 9750                    |                     | 3101             | 920-08     | SP2700-06   | SP1003-09        |
| P3 144M / 152M               | 9750        | 080                 | Ø 32 Hose     | Flange     | x         |                         | SK269               | 3101-01          | 17937-0001 | 22626-6000  | SP1003-09        |
| P3 144M / 152M               | 4860        | 080                 | Ø 32 Hose     | Flange     | x         | 9760                    |                     | 3101             | 920-08     | SP2700-06   | SP1003-09        |
| P3 144M / 152M               | 9760        | 080                 | Ø 32 Hose     | Flange     | x         |                         | SK269               | 890-01           | 17937-0001 | 22626-6000  | SP1003-09        |
| P3M / P4M / P6M              | 4330-01     | 080                 | 32 Hs./Fl.    | Flange     | x         |                         |                     |                  |            |             |                  |
| 4.99M                        | 3270-200    | 040                 | 3/4"BSP       | Flange     | x         | 29500-1001              | SK271               | 3298             | 1210-0001  | SP2701-21   | SP1002-02        |
| 4.99M                        | 29500-1001  | 040                 | Ø 28 Hose     | Flange     |           |                         | SK384-0001          | 3298             | 1210-0001  | SP2700-1027 | SP1002-02        |
| 4.99M(Exhaust Cooling)       | 9430        | 010                 | 1/4"BSP       | Flange     | x         | Exhaust Cooling         | SK221               | 1126             | 4528-0001  | SP2701-09   | SP1002-01        |
| L4M                          | 4160        | 080                 | Ø 32 Hose     | Flange     | x         |                         |                     |                  |            |             |                  |
| S6M / 31.52 / 3.1524         | 6420-2001   | 080                 | 1"BSP         | Foot       | x         | 52080-2001              | SK385-0201          | 890              | 17937-0001 | SP2700-1027 | SP1003-09        |
| S6M / 31.52 / 3.1524         | 52080-2001  | 080                 | 1"BSP         | Foot       |           |                         | SK406-0001          | 890              | 17937-0001 | SP2700-1027 | X3001-147F       |
| 3.152 / 3.1524               | 29500-1101  | 040                 | Ø 28 Hose     | Flange     |           |                         | SK384-0001          | 3298             | 1210-0001  | SP2700-1027 | SP1002-02        |
| 4.107M / 4.108M / LL         | 3370-200    | 040                 | 3/4"BSP       | Flange     | x         | 9970-200                | SK33                | 3298             | 1210-0001  | SP2701-21   | SP1002-02        |
| 4.107M / 4.108M / LL         | 9970-200    | 040                 | 3/4"BSP       | Flange     |           |                         | SK229               | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| 4.108                        | 3270-200    | 040                 | 3/4"BSP       | Flange     | x         | 29500-1001              | SK271               | 3298             | 1210-0001  | SP2701-21   | SP1002-02        |
| 4114 (Imp. from USA)         | 11850-0101  | 040                 | 1" Hose       | Flange     | x         | 11850-0701              | SK117-02            | 8641             | 1210-0001  | SP6080-08B  | SP1026-01        |
| 4114 (Imp. from USA)         | 11850-0701  | 040                 | 1" Hose       | Flange     |           |                         | SK117-02            | 8641             | 1210-0001  | SP6080-08B  | SP1026-01        |
| 4.236 / T4.236               | 10970       | 040                 | 3/4"BSP       | Flange     |           |                         | SK268-01            | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| 4.236 LL                     | 10970-21    | 040                 | 3/4"Flanged   | Flange     |           |                         | SK268-01            | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| 4.270 M                      | 4160        | 080                 | Ø 32 Hose     | Flange     | x         |                         |                     |                  |            |             |                  |
| 6.305 M                      | 6030-71     | 080                 | 1"Flanged     | Flange     | x         |                         | SK236               | 890              | 17937-0001 | SP2701-21   | SP1003-09        |
| T / H / HT 6.354 M           | 9990-21     | 040                 | 3/4"NPT       | Barrel     | x         | 9990-41                 |                     | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| T / H / HT 6.354 M           | 9990-41     | 040                 | 3/4"NPT       | Barrel     |           |                         | SK268               | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| T / H / HT 6.354 LL          | 9700-151    | 080                 | 1"Flanged     | Flange     |           |                         | SK238-01            | 3101             | 17937-0001 | SP6080-06   | SP1003-01        |
| 6.3540 M                     | 9700-151    | 080                 | 1"Flanged     | Flange     |           |                         | SK238-01            | 3101             | 17937-0001 | SP6080-06   | SP1003-01        |
| 6.3543 M                     | 9700-141    | 080                 | 1"Flanged     | Flange     | x         | 9700-04                 | SK238               | 890              | 17937-0001 | SP6080-06   | SP1003-01        |
| 6.3543 M                     | 9700-04     | 080                 | 1"Flanged     | Flange     |           |                         | SK238-01            | 3101             | 17937-0001 | SP6080-06   | SP1003-01        |
| 6.354                        | 9700-01     | 080                 | 1"Flanged     | Flange     |           |                         | SK238               | 890              | 17937-0001 | SP6080-06   | SP1003-01        |
| V8.510                       | 21180-05    | 200                 | 1 1/4"Flanged | Flange     | x         |                         | SK293-01            | 816              | 836-0001   | 21849       | SP1005-04        |
| TV8.5410 / 40                | 21180       | 200                 | 1 1/4"Flanged | Flange     | x         |                         | SK293-01            | 816              | 836-0001   | 21849       | SP1005-04        |
| M90 / 4HD 76 / 6HD           | 10970-21    | 040                 | 3/4"Flanged   | Flange     |           |                         | SK268-01            | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| 6HD 135 / 150                | 9700-01     | 080                 | 1"Flanged     | Flange     |           |                         | SK238               | 890              | 17937-0001 | SP6080-06   | SP1003-01        |
| M200 / 240 / 275             | 9990-41     | 040                 | 3/4"NPT       | Barrel     |           |                         | SK268               | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| 1000-Series                  | 29630-1001  | 080                 | Ø 32 Hose     | Flange     |           |                         | SK385-0101          | 890              | 17937-0001 | SP6080-0469 | SP1003-0111      |
| <b>Perama</b>                |             |                     |               |            |           |                         |                     |                  |            |             |                  |
| M20                          | 29350-1001  | 010                 | Ø 18 Hose     | Flange     |           |                         | SK23-0101           | 1126             | 4528-0001  | SP2701-14   | SP1002-01        |
| M25 / 30 / 3HD 20            | 29450-1101  | 020                 | Ø 20 Hose     | Flange     |           |                         | SK387-0001          | 2995-0030        | 673-0001   | SP2700-05   | SP1002-01        |
| M35 / 40                     | 29450-1101  | 020                 | Ø 20 Hose     | Flange     |           |                         | SK387-0001          | 2995-0030        | 673-0001   | SP2700-05   | SP1002-01        |
| MC42                         | 29450-1231  | 020                 | Ø 20 Hose     | Flange     |           |                         | SK387-0001          | 2995-0030        | 673-0001   | SP2700-05   | SP1002-01        |
| 3HD 46                       | 29450-1201  | 020                 | Ø 20 Hose     | Flange     |           |                         | SK387-0001          | 2995-0030        | 673-0001   | SP2700-05   | SP1002-01        |
| M50 / 60 / 80T               | 29450-1201  | 020                 | Ø 20 Hose     | Flange     |           |                         | SK387-0001          | 2995-0030        | 673-0001   | SP2700-05   | SP1002-01        |
| Prima                        | 29500-1001  | 040                 | Ø 28 Hose     | Flange     |           |                         | SK384-0001          | 3298             | 1210-0001  | SP2700-1027 | SP1002-02        |
| Primera (MD22)               | 29540-1001  | 040                 | Ø 28 Hose     | Foot       |           |                         | SK384-0101          | 3298             | 1210-0001  | SP2700-1027 | X3001-095F       |
|                              |             |                     |               |            |           |                         |                     |                  |            |             |                  |
| <b>POWER GENNY - USA</b>     |             |                     |               |            |           |                         |                     |                  |            |             |                  |
| Kubota 2 Cyl                 | 52010-2001  | 010                 | 3/8"NPTF      | Foot       |           |                         | SK404-0101          | 29308-0000       | 22405-0001 | SP2701-1006 | X3001-095F       |

Cooling Pump Spares by  
Make of Engine **No-Po**

**Flexible Impeller Pumps -**



| Engine Details              |             | Jabsco Pump Details |            |            |           |                         | Service Kit Details |                  |            |             |                  |
|-----------------------------|-------------|---------------------|------------|------------|-----------|-------------------------|---------------------|------------------|------------|-------------|------------------|
| Engine Model Number         | Pump Number | Size                | Port Size  | Mount Type | Obso-lete | Alternative Pump Number | Kit Number          | End Cover Gasket | Impeller   | Water Seal  | End Cover Screws |
| <b>ROLLS ROYCE - UK</b>     |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| C6NFLM / C6SFLM             | 4360        | 200                 | 1½"Flanged | Flange     | x         |                         | SK230               | 816              | 836-0001   | 21849       | SP1005-04        |
| C8T Mk IV                   | 4360        | 200                 | 1½"Flanged | Flange     | x         |                         | SK230               | 816              | 836-0001   | 21849       | SP1005-04        |
| C8T / C8S / C8N             | 10590-01    | 270                 | 2"Flanged  | Flange     | x         | 11101-01-01             | SK254               | 816              | 21676-0001 | 21849       | SP1005-04        |
| C6-Series / C12-Series      | 10590-01    | 270                 | 2"Flanged  | Flange     | x         | 11101-01-01             | SK254               | 816              | 21676-0001 | 21849       | SP1005-04        |
| CV-Series / 8 / 12HD        | 10590-01    | 270                 | 2"Flanged  | Flange     | x         | 11101-01-01             | SK254               | 816              | 21676-0001 | 21849       | SP1005-04        |
| CV-Series / 8 / 12HD        | 11100-01-01 | 270                 | 2"BSP      | Flange     |           |                         | SK254               | 816              | 21676-0001 | 21849       | SP1005-04        |
| <b>RUGGERINI - ITALY</b>    |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| RM 270                      | 29470-2231  | 020                 | ¾"BSP      | Flange     |           |                         | SK405-0001          | 29476-0000       | 18653-0001 | SP2701-1006 | X3004-095G       |
| RD / RM-Series              | 11260-2101  | 010                 | ¾"BSP      | Flange     | x         | 29300-2201C             | SK266               | 1126             | 4528-0001  | SP2701-04   | SP1002-01        |
| MM / RDM -Series            | 11260-2101  | 010                 | ¾"BSP      | Flange     | x         | 29300-2201C             | SK266               | 1126             | 4528-0001  | SP2701-04   | SP1002-01        |
|                             | 29300-2201C | 010                 | ¾"BSP      | Flange     |           |                         | SK404-0001          | 29308-0000       | 22405-0001 | SP2701-1006 | X3004-095G       |
| <b>SABB - NORWAY</b>        |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| F 210 / F 444               | 21690       | 040                 | Ø 20 Hose  | Flange     | x         |                         | SK239               | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| F 210 / F 444               | 21690-05    | 040                 | Ø 20 Hose  | Flange     | x         |                         | SK239               | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| F 4.254 / 6.380             | 10950-201   | 040                 | ½"BSP      | Flange     | x         | 10950-2401              | SK239               | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| F 4.254 / 6.380             | 10950-2401  | 040                 | ¾"BSP      | Flange     |           |                         | SK239               | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| F 6.363T / TI               | 21140-201   | 080                 | 1"BSP      | Flange     | x         | 21140-2401              | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| F 6.363T / TI               | 21140-2401  | 080                 | 1"BSP      | Flange     |           |                         | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| M 4.210                     | 3270-2101   | 040                 | ¾"BSP      | Flange     | x         |                         | SK271               | 3298             | 1210-0001  | SP2701-21   | SP1002-02        |
| M 4.295                     | 3270-200    | 040                 | ¾"BSP      | Flange     | x         | 29500-1001              | SK271               | 3298             | 1210-0001  | SP2701-21   | SP1002-02        |
| M 4.295                     | 29500-1001  | 040                 | Ø 28 Hose  | Flange     |           |                         | SK384-0001          | 3298             | 1210-0001  | SP2700-1027 | SP1002-02        |
| <b>SAAB SCANIA - SWEDEN</b> |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| D11 / DS11 / DSI11          | 10980-01    | 200                 | 1½"Flanged | Flange     | x         | 10980-0051              | SK230               | 816              | 836-0001   | 21849       | SP1005-04        |
| D11 / DS11 / DSI11          | 10980-0051  | 200                 | 1½"Flanged | Flange     |           |                         | SK230-0161          | 816              | 17935-0001 | 21849       | SP1005-04        |
| D5 / DS5                    | 9700-21     | 080                 | 1"Flanged  | Flange     | x         | 29600-1001              | SK238               | 890              | 17937-0001 | SP6080-06   | SP1003-01        |
| D5 / DS5                    | 29600-1001  | 080                 | Ø 32 Hose  | Flange     |           | New Pipework            | SK385-0101          | 890              | 17937-0001 | SP6080-0469 | SP1003-0111      |
| D5 / DS5                    | 7870-221    | 200                 | 1¼"BSP     | Foot       | x         |                         | SK230               | 816              | 836-0001   | SP6080-0374 | SP1005-04        |
| <b>SABRE ENGINES - UK</b>   |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| Ford Dorset                 |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| 80 / 120 / 140              | 10950-200   | 040                 | ¾"BSP      | Flange     | x         | 10950-2401              | SK239               | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| 80 / 120 / 140              | 10950-2401  | 040                 | ¾"BSP      | Flange     |           |                         | SK239               | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| 180 / 210 / 212 / 212C      | 21140-200   | 080                 | 1"BSP      | Flange     | x         | 21140-2401              | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| 180 / 210 / 212 / 212C      | 21140-2401  | 080                 | 1"BSP      | Flange     |           |                         | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| Ford Dover                  | 21140-2201  | 080                 | 1"BSP      | Flange     | x         | 21140-2601              | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| Ford Dover                  | 21140-2601  | 080                 | 1"BSP      | Flange     |           |                         | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| 250 / 275 / 365             | 21580-200   | 080                 | 1"BSP      | Flange     | x         |                         | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| Marathon                    | 21890       | 120                 | 1½"BSP     | Flange     | x         | 10880-2611              | SK310               | 890              | 17018-0001 | 22617-0000  | SP1003-09        |
| Marathon                    | 10880-2611  | 200                 | 1½"Flanged | Flange     |           |                         | SK375-0101          | 816              | 17935-0001 | 21849       | SP1005-04        |
| M225Ti / 370Ti              | 29630-1001  | 080                 | Ø 32 Hose  | Flange     |           |                         | SK385-0101          | 890              | 17937-0001 | SP6080-0469 | SP1003-0111      |
| 370L / 420L                 | 29700-1201  | 120                 | Ø 45 Hose  | Flange     |           |                         | SK386-0001          | 890              | 17018-0001 | SP6080-0469 | SP1003-0111      |
| 320 / 400 / 420 / 450       | 10630-07    | 200                 | 1½"Flanged | Foot       | x         | 52220-0011              | SK230               | 816              | 836-0001   | 21849       | SP1005-04        |
| 320 / 400 / 420 / 450       | 52220-0011  | 200                 | 1½"Flanged | Foot       |           |                         | SK407-0011          | 816              | 17935-0001 | SP6080-0374 | X3001-176F       |
| 500                         | 10490-07    | 270                 | 2"Flanged  | Foot       | x         | 52270-0011              | SK254               | 816              | 21676-0001 | 21849       | SP1005-04        |
| 500                         | 52270-0011  | 270                 | 2"Flanged  | Foot       |           |                         | SK408-0011          | 816              | 17936-0001 | SP6080-0374 | SP1095-0640      |
| M215C                       | 29630-1001  | 080                 | Ø 32 Hose  | Flange     |           |                         | SK385-0101          | 890              | 17937-0001 | SP6080-0469 | SP1003-0111      |
| M185C                       | 29630-1001  | 080                 | Ø 32 Hose  | Flange     |           |                         | SK385-0101          | 890              | 17937-0001 | SP6080-0469 | SP1003-0111      |
| M130C                       | 29630-1001  | 080                 | Ø 32 Hose  | Flange     |           |                         | SK385-0101          | 890              | 17937-0001 | SP6080-0469 | SP1003-0111      |
| <b>SCHWARTING - GERMANY</b> |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| Mercedes                    |             |                     |            |            |           |                         |                     |                  |            |             |                  |



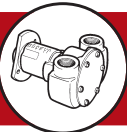
| Engine Details                           |             | Jabsco Pump Details |            |            |          |                         |            | Service Kit Details |            |             |                  |  |
|------------------------------------------|-------------|---------------------|------------|------------|----------|-------------------------|------------|---------------------|------------|-------------|------------------|--|
| Engine Model Number                      | Pump Number | Size                | Port Size  | Mount Type | Obsolete | Alternative Pump Number | Kit Number | End Cover Gasket    | Impeller   | Water Seal  | End Cover Screws |  |
| <b>SCHWARTING - GERMANY CONTINUED...</b> |             |                     |            |            |          |                         |            |                     |            |             |                  |  |
| S 314 / 352 / 352A                       | 52080-2001  | 080                 | 1"BSP      | Foot       |          |                         | SK406-0001 | 890                 | 17937-0001 | SP2700-1027 | X3001-147F       |  |
| S 421 / 422 / 423                        | 52200-2041  | 200                 | 1¼"BSP     | Foot       |          |                         | SK407-0011 | 816                 | 17935-0001 | SP6080-0374 | X3001-176F       |  |
| S 424                                    | 52200-2001  | 200                 | 1½"BSP     | Foot       | x        | 52200-2011              | SK407-0011 | 816                 | 17935-0001 | SP6080-0374 | X3001-176F       |  |
| S 424                                    | 52200-2011  | 200                 | 1½"BSP     | Foot       |          |                         | SK407-0011 | 816                 | 17935-0001 | SP6080-0374 | X3001-176F       |  |
| S 424A                                   | 52270-2041  | 270                 | 2"BSP      | Foot       |          |                         | SK408-0011 | 816                 | 21676-0001 | SP6080-0374 | X3001-176F       |  |
| S 615 / 616 / 636                        | 3270-261    | 040                 | ¾"BSP      | Flange     | x        |                         | SK33       | 3298                | 1210-0001  | SP2701-21   | SP1002-02        |  |
| S 617 / 617A                             | 23430-1001  | 080                 | Ø 32 Hose  | Flange     |          |                         | SK385-0001 | 890                 | 17937-0001 | SP2700-1027 | SP1003-0111      |  |
| <b>SEATEK - ITALY</b>                    |             |                     |            |            |          |                         |            |                     |            |             |                  |  |
| 6.4V9                                    | 10770-57    | 200                 | 1½"Flanged | Flange     |          |                         | SK230      | 816                 | 836-0001   | 21849       | SP1005-04        |  |
| 10.3 Offshore                            | 29880-0101  | 370                 | 2¾"Flanged | Flange     |          |                         | SK410      | X4020-424A          | 17240-0001 | 21849       | X3001-180F       |  |
| <b>SISU - (SEE VALMET OY - FINLAND)</b>  |             |                     |            |            |          |                         |            |                     |            |             |                  |  |
| <b>SOLE DIESEL - SPAIN</b>               |             |                     |            |            |          |                         |            |                     |            |             |                  |  |
| MB 636                                   | 29500-1001  | 040                 | Ø 28 Hose  | Flange     | x        |                         | SK384-0001 | 3298                | 1210-0001  | SP2700-1027 | SP1002-02        |  |
| MB 616-4                                 | 23430-1001  | 080                 | Ø 32 Hose  | Flange     |          |                         | SK385-0001 | 890                 | 17937-0001 | SP2700-1027 | SP1003-0111      |  |
| MB 616-6                                 | 23430-1001  | 080                 | Ø 32 Hose  | Flange     |          |                         | SK385-0001 | 890                 | 17937-0001 | SP2700-1027 | SP1003-0111      |  |
| SF15                                     | 21140-204   | 080                 | 1"BSP      | Flange     | x        | 21140-2401              | SK229      | 890                 | 17937-0001 | 22626-6000  | SP1003-09        |  |
| SF15                                     | 21140-2401  | 080                 | 1"BSP      | Flange     |          |                         | SK229      | 890                 | 17937-0001 | 22626-6000  | SP1003-09        |  |
| SF18                                     | 21140-200   | 080                 | 1"BSP      | Flange     | x        | 21140-2401              | SK229      | 890                 | 17937-0001 | 22626-6000  | SP1003-09        |  |
| SF18                                     | 21140-2401  | 080                 | 1"BSP      | Flange     |          |                         | SK229      | 890                 | 17937-0001 | 22626-6000  | SP1003-09        |  |
| SM 615                                   | 6490-210    | 040                 | ½"BSP      | Foot       |          |                         | SK225-01   | 6496                | 1210-0001  | SP2701-21   | SP1003-09        |  |
| SM 636                                   | 3270-200    | 040                 | ¾"BSP      | Flange     | x        | 29500-1001              | SK271      | 3298                | 1210-0001  | SP2701-21   | SP1002-02        |  |
| SM 636                                   | 29500-1001  | 040                 | Ø 28 Hose  | Flange     |          |                         | SK384-0001 | 3298                | 1210-0001  | SP2700-1027 | SP1002-02        |  |
| 6.354.3                                  | 9710-210    | 080                 | 1"BSP      | Foot       | x        |                         | SK229      | 890                 | 17937-0001 | 22626-6000  | SP1003-09        |  |
| 4.108                                    | 3270-200    | 040                 | ¾"BSP      | Flange     | x        | 29500-1001              | SK271      | 3298                | 1210-0001  | SP2701-21   | SP1002-02        |  |
| 4.108                                    | 29500-1001  | 040                 | Ø 28 Hose  | Flange     |          |                         | SK384-0001 | 3298                | 1210-0001  | SP2700-1027 | SP1002-02        |  |
| <b>TATKO - TURKEY</b>                    |             |                     |            |            |          |                         |            |                     |            |             |                  |  |
|                                          | 23050-1031  | 020                 | ¾"BSP      | Flange     |          |                         | SK211      | 10817               | 673-0001   | SP2701-04   | SP1002-09        |  |
| <b>TEMPEST DIESELS - UK</b>              |             |                     |            |            |          |                         |            |                     |            |             |                  |  |
| Captain 31                               | 4760-01     | 020                 | ¾"BSP      | Flange     | x        |                         | SK228      | 2995-0030           | 673-0001   | SP2701-04   | SP1002-01        |  |
| Captain 31                               | 4900-01     | 040                 | ½"BSP      | Foot       | x        |                         | SK234      | 4908                | 4568-0001  | 3791        | SP1003-09        |  |
| Captain 1.5 / 1.8                        | 52040-2001  | 040                 | ¾"BSP      | Foot       |          |                         | SK384-0101 | 3298                | 1210-0001  | SP2700-1027 | X3001-095F       |  |
| Commander 2.2D (DC)                      | 4760-01     | 020                 | ¾"BSP      | Flange     | x        |                         | SK228      | 2995-0030           | 673-0001   | SP2701-04   | SP1002-01        |  |
| Commander 2.5 (HX)                       | 3270-200    | 040                 | ¾"BSP      | Flange     | x        | 29500-1001              | SK271      | 3298                | 1210-0001  | SP2701-21   | SP1002-02        |  |
| Commander 2.5 (HX)                       | 29500-1001  | 040                 | Ø 28 Hose  | Flange     |          |                         | SK384-0001 | 3298                | 1210-0001  | SP2700-1027 | SP1002-02        |  |
| Commander 50 HP                          | 4760-21     | 020                 | ¾"BSP      | Flange     | x        |                         | SK228      | 2995-0030           | 673-0001   | SP2701-04   | SP1002-01        |  |
| Commander 50 HP                          | 4760-111    | 020                 | ¾"BSP      | Flange     | x        |                         | SK228      | 2995-0030           | 673-0001   | SP2701-04   | SP1002-01        |  |
| Commander 50 HP HX                       | 3270-241    | 040                 | ¾"BSP      | Flange     | x        |                         | SK271      | 3298                | 1210-0001  | SP2701-21   | SP1002-02        |  |
| Commander 50 HP HX                       | 3270-200    | 040                 | ¾"BSP      | Flange     | x        | 29500-1001              | SK271      | 3298                | 1210-0001  | SP2701-21   | SP1002-02        |  |
| Commander 50 HP HX                       | 29500-1001  | 040                 | Ø 28 Hose  | Flange     |          |                         | SK384-0001 | 3298                | 1210-0001  | SP2700-1027 | SP1002-02        |  |
| Commodore 34 / 38                        | 4760-01     | 020                 | ¾"BSP      | Flange     | x        |                         | SK228      | 2995-0030           | 673-0001   | SP2701-04   | SP1002-01        |  |
| Commodore                                | 3270-261    | 040                 | ¾"BSP      | Flange     | x        |                         | SK33       | 3298                | 1210-0001  | SP2701-21   | SP1002-02        |  |
| Navigator 38                             | 4760        | 020                 | ¾"BSP      | Flange     | x        |                         | SK228      | 2995-0030           | 673-0001   | SP2701-04   | SP1002-01        |  |
| Sea Lord 51                              | 4760-01     | 020                 | ¾"BSP      | Flange     | x        |                         | SK228      | 2995-0030           | 673-0001   | SP2701-04   | SP1002-01        |  |
| Sea Lord 51                              | 3270-251    | 040                 | ¾"BSP      | Flange     | x        |                         | SK33       | 3298                | 1210-0001  | SP2701-21   | SP1002-02        |  |
| Sea Lord 5.66                            | 9700        | 080                 | 1"Flanged  | Flange     | x        |                         | SK238      | 890                 | 17937-0001 | 22645-0000  | SP1003-01        |  |
| Sea Prince 3000S                         | 3270-200    | 040                 | ¾"BSP      | Flange     | x        | 29500-1001              | SK271      | 3298                | 1210-0001  | SP2701-21   | SP1002-02        |  |
| Sea Prince 3000S                         | 29500-1001  | 040                 | Ø 28 Hose  | Flange     |          |                         | SK384-0001 | 3298                | 1210-0001  | SP2700-1027 | SP1002-02        |  |
| Vedette Mk II-VI                         | 4760        | 020                 | ¾"BSP      | Flange     | x        |                         | SK228      | 2995-0030           | 673-0001   | SP2701-04   | SP1002-01        |  |
| Vedette Mk VII                           | 11430-01    | 010                 | ¼"BSP      | Flange     | x        |                         | SK272      | 11438               | 4528-0001  | SP2700-11   | SP1002-04        |  |

Cooling Pump Spares by  
Make of Engine **Sc-Te**

**Flexible Impeller Pumps -**



| Engine Details                           |             | Jabsco Pump Details |            |            |           |                         | Service Kit Details |                  |            |             |                  |
|------------------------------------------|-------------|---------------------|------------|------------|-----------|-------------------------|---------------------|------------------|------------|-------------|------------------|
| Engine Model Number                      | Pump Number | Size                | Port Size  | Mount Type | Obso-lete | Alternative Pump Number | Kit Number          | End Cover Gasket | Impeller   | Water Seal  | End Cover Screws |
| <b>TEMPEST DIESELS - UK CONTINUED...</b> |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| Yeoman 36                                | 4760-151    | 020                 | ¾"BSP      | Flange     | x         |                         | SK228               | 2995-0030        | 673-0001   | SP2701-04   | SP1002-01        |
| 4.58 / 80                                | 21140-200   | 080                 | 1"BSP      | Flange     | x         | 21140-2401              | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| 6.97 / 120                               | 21140-200   | 080                 | 1"BSP      | Flange     | x         | 21140-2401              | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| 6.150 / 180                              | 21140-200   | 080                 | 1"BSP      | Flange     | x         | 21140-2401              | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| 6.150 / 180                              | 21140-2401  | 080                 | 1"BSP      | Flange     |           |                         | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| 1622 S                                   | 6540-200    | 020                 | ¾"BSP      | Foot       |           |                         | SK205               | 2995-0030        | 673-0001   | B22         | SP1002-01        |
| <b>UNIVERSAL - USA</b>                   |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| Ford 1.4                                 | 52010-0051  | 010                 | ¾"NPT      | Foot       | x         |                         | SK404-0101          | 29308-0000       | 22405-0001 | SP2701-1006 | X3001-095F       |
| <b>VALMET OY - FINLAND</b>               |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| 310 DM / 411 DM                          | 3370-200    | 040                 | ¾"BSP      | Flange     | x         | 9970-200                | SK33                | 3298             | 1210-0001  | SP2701-21   | SP1002-02        |
| 310 DM / 411 DM                          | 9970-200    | 040                 | ¾"BSP      | Flange     |           |                         | SK229               | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| 411 / 611 CM / CSM                       | 9700-21     | 080                 | 1"Flanged  | Flange     | x         | 29600-1001              | SK238               | 890              | 17937-0001 | SP6080-06   | SP1003-01        |
| 411 / 611 CM / CSM                       | 29600-1001  | 080                 | Ø 32 Hose  | Flange     |           | New Pipework            | SK385-0101          | 890              | 17937-0001 | SP6080-0469 | SP1003-0111      |
| 615 / 815 DM                             | 10770-57    | 200                 | 1½"Flanged | Flange     |           |                         | SK230               | 816              | 836-0001   | 21849       | SP1005-04        |
| 4035 PM                                  | 4760-41     | 020                 | ¾"BSP      | Flange     | x         |                         | SK228               | 2995-0030        | 673-0001   | SP2701-04   | SP1002-01        |
| 6 Cyl                                    | 29770-0001  | 200                 | 1½"Flanged | Flange     |           |                         |                     | 816              | 17935-0001 | 21849       | SP1095-0640      |
| 612DS                                    | 29770-0001  | 200                 | 1½"Flanged | Flange     |           |                         |                     | 816              | 17935-0001 | 21849       | SP1095-0640      |
| <b>VETUS - NETHERLANDS</b>               |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| C 4 / 6                                  | 23430-1401  | 080                 | Ø 32 Hose  | Flange     |           |                         | SK385-0001          | 890              | 17937-0001 | SP2700-1027 | SP1003-0111      |
| K 3 / 3D / 4                             | 29470-2131C | 020                 | ¾"BSP      | Flange     |           |                         | SK405-0001          | 29476-0000       | 18653-0001 | SP2701-1006 | X3004-095G       |
| L 2 / 3                                  | 29460-1251  | 020                 | Ø 20 Hose  | Flange     |           |                         | SK401-0001          | 2995-0030        | 18653-0001 | SP2701-1006 | SP1002-01        |
| M 2.05                                   | 29460-1201  | 020                 | Ø 20 Hose  | Flange     |           |                         | SK401-0001          | 2995-0030        | 18653-0001 | SP2701-1006 | SP1002-01        |
| M 3.10                                   | 29480-2031C | 020                 | ¾"BSP      | Flange     |           |                         | SK405-0001          | 29476-0000       | 18653-0001 | SP2701-1006 | X3004-095G       |
| M 4.14                                   | 3270-2301   | 040                 | ¾"BSP      | Flange     | x         |                         | SK33                | 3298             | 1210-0001  | SP2701-21   | SP1002-02        |
| P 4.25                                   | 23430-1441  | 080                 | Ø 32 Hose  | Flange     |           |                         | SK385-0001          | 890              | 17937-0001 | SP2700-1027 | SP1003-0111      |
| STM 6514                                 | 29530-2001  | 040                 | ¾"BSPF     | Crank      |           |                         |                     | 3298             | 1210-0001  | SP2700-1027 | X3001-095F       |
| 36-22-11                                 | 3270-2301   | 040                 | ¾"BSP      | Flange     | x         |                         | SK33                | 3298             | 1210-0001  | SP2701-21   | SP1002-02        |
| 42-26-Series                             | 3270-2301   | 040                 | ¾"BSP      | Flange     | x         |                         | SK33                | 3298             | 1210-0001  | SP2701-21   | SP1002-02        |
| 52-34-Series                             | 3270-2301   | 040                 | ¾"BSP      | Flange     | x         |                         | SK33                | 3298             | 1210-0001  | SP2701-21   | SP1002-02        |
| DT43                                     | 29680-1051  | 080                 | Ø 32 Hose  | Flange     |           |                         |                     | 890              | 17937-0001 | SP6080-0469 | X3001-147F       |
| DTA43                                    | 29680-1051  | 080                 | Ø 32 Hose  | Flange     |           |                         |                     | 890              | 17937-0001 | SP6080-0469 | X3001-147F       |
| DT64                                     | 29680-1041  | 080                 | Ø 32 Hose  | Flange     |           |                         |                     | 890              | 17937-0001 | SP6080-0469 | X3001-147F       |
| DTA64                                    | 29680-1041  | 080                 | Ø 32 Hose  | Flange     |           |                         |                     | 890              | 17937-0001 | SP6080-0469 | X3001-147F       |
| DT67                                     | 29680-1041  | 080                 | Ø 32 Hose  | Flange     |           |                         |                     | 890              | 17937-0001 | SP6080-0469 | X3001-147F       |
| DTA67                                    | 29680-1041  | 080                 | Ø 32 Hose  | Flange     |           |                         |                     | 890              | 17937-0001 | SP6080-0469 | X3001-147F       |
| <b>VM-MOTORI - ITALY</b>                 |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| 102 MH-Series                            | 11000-01    | 020                 | Ø 16 Hose  | Flange     | x         |                         | SK211               | 10817            | 673-0001   | SP2701-04   | SP1002-09        |
| 103 / 4 / 6 MH-Series                    | 3270-200    | 040                 | ¾"BSP      | Flange     | x         | 29500-1001              | SK271               | 3298             | 1210-0001  | SP2701-21   | SP1002-02        |
| 103 / 4 / 6 MH-Series                    | 29500-1001  | 040                 | Ø 28 Hose  | Flange     |           |                         | SK384-0001          | 3298             | 1210-0001  | SP2700-1027 | SP1002-02        |
| 106 M11                                  | 11000-01    | 020                 | Ø 16 Hose  | Flange     | x         |                         | SK211               | 10817            | 673-0001   | SP2701-04   | SP1002-09        |
| 114 / 6 MH                               | 9700-21     | 080                 | 1"Flanged  | Flange     | x         | 29600-1001              | SK238               | 890              | 17937-0001 | SP6080-06   | SP1003-01        |
| 114 / 6 MH                               | 29600-1001  | 080                 | Ø 32 Hose  | Flange     |           | New Pipework            | SK385-0101          | 890              | 17937-0001 | SP6080-0469 | SP1003-0111      |
| 116 DAN M                                | 3270-200    | 040                 | ¾"BSP      | Flange     | x         | 29500-1001              | SK271               | 3298             | 1210-0001  | SP2701-21   | SP1002-02        |
| 116 DAN M                                | 29500-1001  | 040                 | Ø 28 Hose  | Flange     |           |                         | SK384-0001          | 3298             | 1210-0001  | SP2700-1027 | SP1002-02        |
| HR-Series                                | 23430-1001  | 080                 | Ø 32 Hose  | Flange     |           |                         | SK385-0001          | 890              | 17937-0001 | SP2700-1027 | SP1003-0111      |
| HR 694 HID10                             | 29700-1301  | 120                 | Ø 45 Hose  | Flange     |           |                         | SK386-0001          | 890              | 17018-0001 | SP6080-0469 | SP1003-0111      |
| 804 / 806 M                              | 3270-200    | 040                 | ¾"BSP      | Flange     | x         | 29500-1001              | SK271               | 3298             | 1210-0001  | SP2701-21   | SP1002-02        |
| 804 / 806 M                              | 29500-1001  | 040                 | Ø 28 Hose  | Flange     |           |                         | SK384-0001          | 3298             | 1210-0001  | SP2700-1027 | SP1002-02        |
| 956 M11                                  | 11000-01    | 020                 | Ø 16 Hose  | Flange     | x         |                         | SK211               | 10817            | 673-0001   | SP2701-04   | SP1002-09        |
| 130 MH 14-Series                         | 10880-0101  | 200                 | 1½"Flanged | Flange     | x         |                         | SK230               | 816              | 836-0001   | 21849       | SP1005-04        |



| Engine Details                 |             | Jabsco Pump Details |           |            |           |                         |                                               | Service Kit Details |            |             |                  |  |
|--------------------------------|-------------|---------------------|-----------|------------|-----------|-------------------------|-----------------------------------------------|---------------------|------------|-------------|------------------|--|
| Engine Model Number            | Pump Number | Size                | Port Size | Mount Type | Obso-lete | Alternative Pump Number | Kit Number                                    | End Cover Gasket    | Impeller   | Water Seal  | End Cover Screws |  |
| VM-MOTORI - ITALY CONTINUED... |             |                     |           |            |           |                         |                                               |                     |            |             |                  |  |
| 131 MH 14-Series               | 11100-0101  | 270                 | 2"Flanged | Flange     | x         |                         | SK254                                         | 816                 | 21676-0001 | 21849       | SP1005-04        |  |
|                                |             |                     |           |            |           |                         |                                               |                     |            |             |                  |  |
| VOLVO PENTA - SWEDEN           |             |                     |           |            |           |                         |                                               |                     |            |             |                  |  |
| AQ 95                          | 9900        | 020                 | Ø 16 Hose | Foot       | x         | 29470-2231C             | SK211                                         | 10817               | 673-0001   | SP2701-04   | SP1002-09        |  |
| AQ 95                          | 29470-2231C | 020                 | ¾"BSP     | Flange     |           |                         | SK405-0001                                    | 29476-0000          | 18653-0001 | SP2701-1006 | X3004-095G       |  |
| AQ 110 / 115 / BB 115          | 9900        | 020                 | Ø 16 Hose | Foot       | x         | 29470-2231C             | SK211                                         | 10817               | 673-0001   | SP2701-04   | SP1002-09        |  |
| AQ 110 / 115 / BB 115          | 29470-2231C | 020                 | ¾"BSP     | Flange     |           |                         | SK405-0001                                    | 29476-0000          | 18653-0001 | SP2701-1006 | X3004-095G       |  |
| AQ 115A / B                    | 29470-1231  | 020                 | Ø 16 Hose | Flange     |           |                         | SK405-0001                                    | 29476-0000          | 18653-0001 | SP2701-1006 | X3004-095G       |  |
| AQ 130 C / D                   | 9900        | 020                 | Ø 16 Hose | Foot       | x         | 29470-2231C             | SK211                                         | 10817               | 673-0001   | SP2701-04   | SP1002-09        |  |
| AQ 130 C / D                   | 29470-2231C | 020                 | ¾"BSP     | Flange     |           |                         | SK405-0001                                    | 29476-0000          | 18653-0001 | SP2701-1006 | X3004-095G       |  |
| AQ 130 C / D                   | 29470-1231  | 020                 | Ø 16 Hose | Flange     |           |                         | SK405-0001                                    | 29476-0000          | 18653-0001 | SP2701-1006 | X3004-095G       |  |
| AQ 140                         | 9900        | 020                 | Ø 16 Hose | Foot       | x         | 29470-2231C             | SK211                                         | 10817               | 673-0001   | SP2701-04   | SP1002-09        |  |
| AQ 140                         | 29470-2231C | 020                 | ¾"BSP     | Flange     |           |                         | SK405-0001                                    | 29476-0000          | 18653-0001 | SP2701-1006 | X3004-095G       |  |
| AQ 140                         | 29470-1231  | 020                 | Ø 16 Hose | Flange     |           |                         | SK405-0001                                    | 29476-0000          | 18653-0001 | SP2701-1006 | X3004-095G       |  |
| AQ 140 A                       | 10-32621-1  |                     |           |            |           | Johnson Pump            |                                               |                     | 4568-0001  |             |                  |  |
| AQ 145 A / B                   | 10-32621-1  |                     |           |            |           | Johnson Pump            |                                               |                     | 4568-0001  |             |                  |  |
| AQ 150                         | 14620       | 080                 | 1" Hose   | Flange     | x         |                         | SK153                                         | 890                 | 4598-0001  | SP6080-08B  | SP1014-03        |  |
| AQ 151 A / B / C               | 10-32621-1  |                     |           |            |           | Johnson Pump            |                                               |                     | 4568-0001  |             |                  |  |
| AQ 175 A                       | 22740-0251  | 060                 | Ø 32 Hose | Crank      | x         | 22740-0151              | SK331-0251                                    | 3298                | 22120-0001 | SP2701-21   | SP8019-01        |  |
| AQ 175 A                       | 22740-0151  | 060                 | Ø 32 Hose | Crank      |           |                         | SK331-05                                      | 3298                | 22120-0001 | SP2701-21   | SP8019-01        |  |
| AQ 180                         | 10550-200   | 040                 | ¾"NPT     | Foot       | x         |                         | SK239                                         | 3298                | 1210-0001  | 22626-6000  | SP1002-02        |  |
| AQ 200                         | 22300-05    | 060                 | Ø 32 Hose | Crank      | x         |                         | SK331-05                                      | 3298                | 22120-0001 | SP6080-08B  | SP8019-01        |  |
| AQ 200 D                       | 22740-0251  | 060                 | Ø 32 Hose | Crank      | x         | 22740-0151              | SK331-0251                                    | 3298                | 22120-0001 | SP2701-21   | SP8019-01        |  |
| AQ 200 D                       | 22740-0151  | 060                 | Ø 32 Hose | Crank      |           |                         | SK331-05                                      | 3298                | 22120-0001 | SP2701-21   | SP8019-01        |  |
| AQ 200 D-280 /225              | 22300-05    | 060                 | Ø 32 Hose | Crank      | x         |                         | SK331-05                                      | 3298                | 22120-0001 | SP6080-08B  | SP8019-01        |  |
| AQ 225 D                       | 22740-0251  | 060                 | Ø 32 Hose | Crank      | x         | 22740-0151              | SK331-0251                                    | 3298                | 22120-0001 | SP2701-21   | SP8019-01        |  |
| AQ 225 D                       | 22740-0151  | 060                 | Ø 32 Hose | Crank      |           |                         | SK331-05                                      | 3298                | 22120-0001 | SP2701-21   | SP8019-01        |  |
| AQ 225 B /D-280                | 22300-05    | 060                 | Ø 32 Hose | Crank      | x         |                         | SK331-05                                      | 3298                | 22120-0001 | SP6080-08B  | SP8019-01        |  |
| AQ 250                         | 22300-05    | 060                 | Ø 32 Hose | Crank      | x         |                         | SK331-05                                      | 3298                | 22120-0001 | SP6080-08B  | SP8019-01        |  |
| AQ 260 A                       | 22740-0251  | 060                 | Ø 32 Hose | Crank      | x         | 22740-0151              | SK331-0251                                    | 3298                | 22120-0001 | SP2701-21   | SP8019-01        |  |
| AQ 260 B                       | 22740-0151  | 060                 | Ø 32 Hose | Crank      |           |                         | SK331-05                                      | 3298                | 22120-0001 | SP2701-21   | SP8019-01        |  |
| AQ 270                         | 22300-05    | 060                 | Ø 32 Hose | Crank      | x         |                         | SK331-05                                      | 3298                | 22120-0001 | SP6080-08B  | SP8019-01        |  |
| AQ 290 A                       | 22740-0251  | 060                 | Ø 32 Hose | Crank      | x         | 22740-0151              | SK331-0251                                    | 3298                | 22120-0001 | SP2701-21   | SP8019-01        |  |
| AQ 290 A                       | 22740-0151  | 060                 | Ø 32 Hose | Crank      |           |                         | SK331-05                                      | 3298                | 22120-0001 | SP2701-21   | SP8019-01        |  |
| AQ 740 Big Block               | 22740-0201  | 060                 | Ø 32 Hose | Crank      |           |                         | SK331-0251                                    | 3298                | 22120-0001 | SP2701-21   | SP8019-01        |  |
| AQD 21A                        | 10-32058-1  | 040                 |           |            |           | Johnson Pump            |                                               |                     | 4568-0001  |             |                  |  |
| AQD 21B                        | 10-32058-1  | 040                 |           |            |           | Johnson Pump            |                                               |                     | 4568-0001  |             |                  |  |
| AQD 40A                        | 10800-21    | 080                 | 1"NPSF    | Flange     | x         |                         | SK229                                         | 890                 | 17937-0001 | 22617-0010  | SP1003-09        |  |
|                                | 10-24277-1  | 080                 | 1"NPSF    | Flange     |           | Johnson Pump            |                                               |                     | 17937-0001 |             |                  |  |
| BB 30                          | 9900        | 020                 | Ø 16 Hose | Foot       | x         | 29470-2231C             | SK211                                         | 10817               | 673-0001   | SP2701-04   | SP1002-09        |  |
| BB 30                          | 29470-2231C | 020                 | ¾"BSP     | Flange     |           |                         | SK405-0001                                    | 29476-0000          | 18653-0001 | SP2701-1006 | X3004-095G       |  |
| BB 70                          | 6490-246    | 040                 | ½"BSP     | Foot       | x         | 6490-224                | SK225-01 Use 23299 Kit To Upgrade to 6490-224 |                     |            |             |                  |  |
| BB 100                         | 6490-246    | 040                 | ½"BSP     | Foot       | x         | 6490-224                | SK225-01 Use 23299 Kit To Upgrade to 6490-224 |                     |            |             |                  |  |
| MB 10A                         | 11260-2101  | 010                 | ¾"BSP     | Flange     | x         | 29300-2201C             | SK266                                         | 1126                | 4528-0001  | SP2701-04   | SP1002-01        |  |
| MB 10A / 11                    | 29300-2201C | 010                 | ¾"BSP     | Flange     |           |                         | SK404-0001                                    | 29308-0000          | 22405-0001 | SP2701-1006 | X3004-095G       |  |
| MB 16A                         | 9400        | 020                 | Ø 16 Hose | Flange     | x         |                         | SK211                                         | 10817               | 673-0001   | SP2701-04   | SP1002-09        |  |
| MB 36A                         | 6490-241    | 040                 | ½"BSP     | Foot       | x         | 6490-222                | SK225-01 Use 23299 Kit To Upgrade to 6490-222 |                     |            |             |                  |  |
| MB 36B                         | 10550-01    | 040                 | ¾"NPT     | Foot       | x         |                         | SK239                                         | 3298                | 1210-0001  | 22626-6000  | SP1002-02        |  |
| MBN 40                         | 21770       | 040                 | Ø 32 Hose | Flange     | x         |                         | SK309                                         | 4908                | 4568-0001  | SP2701-01   | SP1003-09        |  |
| MD 1 / 1A / 1B                 | 11260-2101  | 010                 | ¾"BSP     | Flange     | x         | 29300-2201C             | SK266                                         | 1126                | 4528-0001  | SP2701-04   | SP1002-01        |  |
| MD 1 KHD / HY / 2              | 11260-2101  | 010                 | ¾"BSP     | Flange     | x         | 29300-2201C             | SK266                                         | 1126                | 4528-0001  | SP2701-04   | SP1002-01        |  |
| MD 1 KHD / HY / 2              | 29300-2201C | 010                 | ¾"BSP     | Flange     |           |                         | SK404-0001                                    | 29308-0000          | 22405-0001 | SP2701-1006 | X3004-095G       |  |
| MD2 / 2B                       | 29300-2201C | 010                 | ¾"BSP     | Flange     |           |                         | SK404-0001                                    | 29308-0000          | 22405-0001 | SP2701-1006 | X3004-095G       |  |
| MD 2 BHY                       | 11260-2101  | 010                 | ¾"BSP     | Flange     | x         | 29300-2201C             | SK266                                         | 1126                | 4528-0001  | SP2701-04   | SP1002-01        |  |

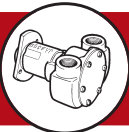
Cooling Pump Spares by  
Make of Engine **Vm-Vo**

**Flexible Impeller Pumps -**

Cooling Pump Spares by  
Make of Engine

## Flexible Impeller Pumps - Vo-Wa

| Engine Details                           |             | Jabsco Pump Details |            |            |           |                         | Service Kit Details |                  |            |             |                  |
|------------------------------------------|-------------|---------------------|------------|------------|-----------|-------------------------|---------------------|------------------|------------|-------------|------------------|
| Engine Model Number                      | Pump Number | Size                | Port Size  | Mount Type | Obso-lete | Alternative Pump Number | Kit Number          | End Cover Gasket | Impeller   | Water Seal  | End Cover Screws |
| <b>VOLVO PENTA - SWEDEN CONTINUED...</b> |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| MD 2 BHY                                 | 29300-2201C | 010                 | ¾"BSP      | Flange     |           |                         | SK404-0001          | 29308-0000       | 22405-0001 | SP2701-1006 | X3004-095G       |
| MD 3                                     | 9900        | 020                 | Ø 16 Hose  | Foot       | x         | 29470-2231C             | SK211               | 10817            | 673-0001   | SP2701-04   | SP1002-09        |
| MD 3                                     | 29470-2231C | 020                 | ¾"BSP      | Flange     |           |                         | SK405-0001          | 29476-0000       | 18653-0001 | SP2701-1006 | X3004-095G       |
| MD 3                                     | 29470-1231C | 020                 | Ø 16 Hose  | Flange     |           |                         | SK405-0001          | 29476-0000       | 18653-0001 | SP2701-1006 | X3004-095G       |
| MD 5A / B / C                            | 29300-2201C | 010                 | ¾"BSP      | Flange     |           |                         | SK404-0001          | 29308-0000       | 22405-0001 | SP2701-1006 | X3004-095G       |
| MD 6A / B                                | 11260-2101  | 010                 | ¾"BSP      | Flange     | x         | 29300-2201C             | SK266               | 1126             | 4528-0001  | SP2701-04   | SP1002-01        |
| MD 7A / B                                | 11260-2101  | 010                 | ¾"BSP      | Flange     | x         | 29300-2201C             | SK266               | 1126             | 4528-0001  | SP2701-04   | SP1002-01        |
| MD 10A / 11                              | 29300-2001C | 010                 | ¾"BSP      | Flange     |           |                         | SK404-0001          | 29308-0000       | 22405-0001 | SP2701-1006 | X3004-095G       |
| MD11 C                                   | 29300-2001C | 010                 | ¾"BSP      | Flange     |           |                         | SK404-0001          | 29308-0000       | 22405-0001 | SP2701-1006 | X3004-095G       |
| MD11 D                                   | 29300-2001C | 010                 | ¾"BSP      | Flange     |           |                         | SK404-0001          | 29308-0000       | 22405-0001 | SP2701-1006 | X3004-095G       |
| MD 21A                                   | 10-32058-1  | 040                 |            | Flange     |           | Johnson Pump            |                     |                  | 4568-0001  |             |                  |
| MD 21B                                   | 10-32058-1  | 040                 |            | Flange     |           | Johnson Pump            |                     |                  | 4568-0001  |             |                  |
| MD 22                                    | 29500-1001  | 040                 |            |            |           |                         | SK384-0001          | 3298             | 1210-0001  | SP2700-1027 | SP1002-02        |
| MD22/SX                                  | 29540-1001  | 040                 | Ø 28 Hose  | Foot       |           |                         | SK384-0101          | 3298             | 1210-0001  | SP2700-1027 | X3001-095F       |
| MD 32A                                   | 10800-21    | 080                 | 1"NPSF     | Flange     | x         |                         | SK229               | 890              | 17937-0001 | 22617-0010  | SP1003-09        |
| MD40A                                    | 10-24277-1  | 080                 | 1"NPSF     | Flange     |           | Johnson Pump            |                     |                  | 17937-0001 |             |                  |
| MD 47A / C                               | 9710-200    | 080                 | 1"BSP      | Foot       |           |                         | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| MD 47B                                   | 9770-205    | 080                 | ¾"BSP      | Barrel     | x         |                         | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| MD 50A                                   | 11120-204   | 080                 | 1"BSP      | Flange     |           |                         | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| MD 67C                                   | 9770-205    | 080                 | ¾"BSP      | Barrel     | x         |                         | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| MD 70A                                   | 11120-204   | 080                 | 1"BSP      | Flange     |           |                         | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| MD 70                                    | 11120-205   | 080                 | 1"BSP      | Flange     | x         |                         | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| MD 7101                                  | 10770-0051  | 200                 | 1½"Flanged | Flange     |           |                         | SK369-0001          | 816              | 836-0001   | 21849       | SP1095-0640      |
| MD 71                                    | 10770-0351  | 200                 | 1½"Flanged | Flange     |           |                         | SK230               | 816              | 836-0001   | 21849       | SP1005-04        |
| MD 96B                                   | 9710-200    | 080                 | 1"BSP      | Foot       |           |                         | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| MD 2010                                  | 29350-1101  | 010                 | Ø 20 Hose  | Flange     |           |                         | SK23-0101           | 1126             | 4528-0001  | SP2701-14   | SP1002-01        |
| MD 2020                                  | 29350-1101  | 010                 | Ø 20 Hose  | Flange     |           |                         | SK23-0101           | 1126             | 4528-0001  | SP2701-14   | SP1002-01        |
| MD 2030                                  | 29450-1301  | 020                 | Ø 20 Hose  | Flange     |           |                         | SK387-0001          | 2995-0030        | 673-0001   | SP2700-05   | SP1002-01        |
| MD 2040                                  | 29450-1401  | 020                 | Ø 20 Hose  | Flange     |           |                         | SK387-0001          | 2995-0030        | 673-0001   | SP2700-05   | SP1002-01        |
| TAMD 22/SX                               | 29540-1001  | 040                 | Ø 28 Hose  | Foot       |           |                         | SK384-0101          | 3298             | 1210-0001  | SP2700-1027 | X3001-095F       |
| TAMD 60                                  | 11120-205   | 080                 | 1"BSP      | Flange     | x         |                         | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| TAMD 61                                  | 10770-0051  | 200                 | 1½"Flanged | Flange     |           |                         | SK369-0001          | 816              | 836-0001   | 21849       | SP1095-0640      |
| TAMD 61                                  | 10770-0351  | 200                 | 1½"Flanged | Flange     |           |                         | SK230               | 816              | 836-0001   | 21849       | SP1005-04        |
| TAMD 70                                  | 11120-205   | 080                 | 1"BSP      | Flange     | x         |                         | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| TAMD 71                                  | 10770-0051  | 200                 | 1½"Flanged | Flange     |           |                         | SK369-0001          | 816              | 836-0001   | 21849       | SP1095-0640      |
| TAMD 71                                  | 10770-0351  | 200                 | 1½"Flanged | Flange     |           |                         | SK230               | 816              | 836-0001   | 21849       | SP1005-04        |
| TAMD 96B                                 | 9710-200    | 080                 | 1"BSP      | Foot       |           |                         | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| TAMD 102                                 | 10590-0031  | 270                 | 2"Flanged  | Flange     |           |                         | SK254               | 816              | 21676-0001 | 21849       | SP1005-04        |
| TMD22/SX                                 | 29540-1001  | 040                 | Ø 28 Hose  | Foot       |           |                         | SK384-0101          | 3298             | 1210-0001  | SP2700-1027 | X3001-095F       |
| TMD40A                                   | 10-24277-1  | 080                 | 1"BSP      | Flange     |           | Johnson Pump            |                     |                  | 17937-0001 |             |                  |
| TMD40B                                   | 10-24277-1  | 080                 | 1"BSP      | Flange     |           | Johnson Pump            |                     |                  | 17937-0001 |             |                  |
| TMD 50A                                  | 11120-204   | 080                 | 1"BSP      | Flange     |           |                         | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| TMD 70                                   | 11120-205   | 080                 | 1"BSP      | Flange     | x         |                         | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| TMD 71                                   | 10770-0051  | 200                 | 1½"Flanged | Flange     |           |                         | SK369-0001          | 816              | 836-0001   | 21849       | SP1095-0640      |
| TMD 71                                   | 10770-0351  | 200                 | 1½"Flanged | Flange     |           |                         | SK230               | 816              | 836-0001   | 21849       | SP1005-04        |
| TMD 96B                                  | 9710-200    | 080                 | 1"BSP      | Foot       |           |                         | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| TMD 100A / C                             | 10590-0041  | 270                 | 2"Flanged  | Flange     |           |                         | SK254               | 816              | 21676-0001 | 21849       | SP1005-04        |
| TMD 120 B                                | 10590-0041  | 270                 | 2"Flanged  | Flange     |           |                         | SK254               | 816              | 21676-0001 | 21849       | SP1005-04        |
| TMD 121 C                                | 10590-0041  | 270                 | 2"Flanged  | Flange     |           |                         | SK254               | 816              | 21676-0001 | 21849       | SP1005-04        |
| 1113 BR                                  | 9710-200    | 080                 | 1"BSP      | Foot       |           |                         | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| <b>WATERMOTA - UK</b>                    |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| Sea-Series                               |             |                     |            |            |           |                         |                     |                  |            |             |                  |
| Beaver / Cub                             | 52010-2051  | 010                 | ¾"BSP      | Foot       | x         |                         | SK404-0101101       | 29308-0000       | 22405-0001 | SP2701-1006 | X3001-095F       |



| Engine Details                     |             | Jabsco Pump Details |           |            |           |                         | Service Kit Details |                  |            |             |                  |
|------------------------------------|-------------|---------------------|-----------|------------|-----------|-------------------------|---------------------|------------------|------------|-------------|------------------|
| Engine Model Number                | Pump Number | Size                | Port Size | Mount Type | Obso-lete | Alternative Pump Number | Kit Number          | End Cover Gasket | Impeller   | Water Seal  | End Cover Screws |
| <b>WATERMOTA - UK CONTINUED...</b> |             |                     |           |            |           |                         |                     |                  |            |             |                  |
| Horse                              | 21690       | 040                 | Ø 20 Hose | Flange     | x         |                         | SK239               | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| Horse                              | 21690-05    | 040                 | Ø 20 Hose | Flange     | x         |                         | SK239               | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| Lion                               | 10950-200   | 040                 | ¾" BSP    | Flange     | x         | 10950-2401              | SK239               | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| Lion                               | 10950-2401  | 040                 | ¾" BSP    | Flange     |           |                         | SK239               | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| Lion                               | 21140-201   | 080                 | 1" BSP    | Flange     | x         | 21140-2401              | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| Lion                               | 21140-2401  | 080                 | 1" BSP    | Flange     |           |                         | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| Leopard                            | 9900        | 020                 | Ø 16 Hose | Foot       | x         | 29470-2231C             | SK211               | 10817            | 673-0001   | SP2701-04   | SP1002-09        |
| Leopard                            | 29470-2231C | 020                 | ¾" BSP    | Flange     |           |                         | SK405-0001          | 29476-0000       | 18653-0001 | SP2701-1006 | X3004-095G       |
| Otter                              | 9430-211    | 010                 | ¼" BSP    | Flange     | x         | 29300-2601C             | SK221               | 1126             | 4528-0001  | SP2701-09   | SP1002-01        |
| Otter                              | 29300-2601C | 010                 | ¾" BSP    | Flange     |           |                         | SK404-0001          | 29308-0000       | 22405-0001 | SP2701-1006 | X3004-095G       |
| Panther Mk 3 / 4                   | 9900        | 020                 | Ø 16 Hose | Foot       | x         | 29470-2231C             | SK211               | 10817            | 673-0001   | SP2701-04   | SP1002-09        |
| Panther Mk 3 / 4                   | 29470-2231C | 020                 | ¾" BSP    | Flange     |           |                         | SK405-0001          | 29476-0000       | 18653-0001 | SP2701-1006 | X3004-095G       |
| Ranger                             | 23430-1201  | 080                 | Ø 32 Hose | Flange     |           |                         | SK385-0001          | 890              | 17937-0001 | SP2700-1027 | SP1003-0111      |
| Scout                              | 10950-200   | 040                 | ¾" BSP    | Flange     | x         | 10950-2401              | SK239               | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| Scout                              | 10950-2401  | 040                 | ¾" BSP    | Flange     |           |                         | SK239               | 3298             | 1210-0001  | 22626-6000  | SP1002-02        |
| Scout                              | 21140-201   | 080                 | 1" BSP    | Flange     | x         | 21140-2401              | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| Scout                              | 21140-2401  | 080                 | 1" BSP    | Flange     |           |                         | SK229               | 890              | 17937-0001 | 22626-6000  | SP1003-09        |
| Tiger / Wolf                       | 9430-211    | 010                 | ¼" BSP    | Flange     | x         | 29300-2601C             | SK221               | 1126             | 4528-0001  | SP2701-09   | SP1002-01        |
| Tiger / Wolf                       | 29300-2601C | 010                 | ¾" BSP    | Flange     |           |                         | SK404-0001          | 29308-0000       | 22405-0001 | SP2701-1006 | X3004-095G       |
| Tiger / Wolf                       | 9900        | 020                 | Ø 16 Hose | Foot       | x         | 29470-2231C             | SK211               | 10817            | 673-0001   | SP2701-04   | SP1002-09        |
| Tiger / Wolf                       | 29470-2231C | 020                 | ¾" BSP    | Flange     |           |                         | SK405-0001          | 29476-0000       | 18653-0001 | SP2701-1006 | X3004-095G       |
| Tiger / Wolf                       | 29410-1101  | 020                 | Ø 20 Hose | Flange     |           |                         | SK404-0001          | 29308-0000       | 18653-0001 | SP2701-1006 | X3004-095G       |
| Series 11-30 / 50                  | 22770       | 020                 | Ø 25 Hose | Crank      | x         | 29440-1001              | SK346               | 1985-01          | 673-0001   | SP2701-21   | SP1004-09        |
| Series 11-30 / 50                  | 29440-1001  | 020                 | Ø 25 Hose | Crank      |           |                         | SK402-0001          | 1985-0000        | 18653-0001 | 29441-0000  | SP1004-09        |
| Inlander                           | 2620-253    | 020                 | ¾" BSP    | Foot       |           |                         | SK20                | 2995-0030        | 673-0001   | SP2700-05   | SP1002-02        |
| Type 5-16                          | 9430-211    | 010                 | ¼" BSP    | Flange     | x         | 29300-2601C             | SK221               | 1126             | 4528-0001  | SP2701-09   | SP1002-01        |
| Type 5-16                          | 29300-2601C | 010                 | ¾" BSP    | Flange     |           |                         | SK404-0001          | 29308-0000       | 22405-0001 | SP2701-1006 | X3004-095G       |
| <b>WESTERBEKE - USA</b>            |             |                     |           |            |           |                         |                     |                  |            |             |                  |
| Generator Sets                     |             |                     |           |            |           |                         |                     |                  |            |             |                  |
| 8-10 kW                            | 52010-2051  | 010                 | ¾" NPT    | Foot       | x         |                         | SK404-0101          | 29308-0000       | 22405-0001 | SP2701-1006 | X3001-095F       |
| 10+ kW                             | 52020-2031  | 020                 | ¾" NPTF   | Foot       | x         |                         | SK405-0101          | 2995-0030        | 18653-0001 | SP2701-1006 | X3001-095F       |
| <b>ZEISE - GERMANY</b>             |             |                     |           |            |           |                         |                     |                  |            |             |                  |
| Kubota Twin                        | 29460-2501  | 020                 | ¾" BSP    | Flange     |           |                         | SK401-0001          | 2995-0030        | 18653-0001 | SP2701-1006 | SP1002-01        |

**For engines not listed  
contact the factory**

Cooling Pump Spares by  
Make of Engine **Wa-Ze**

**Flexible Impeller Pumps -**