

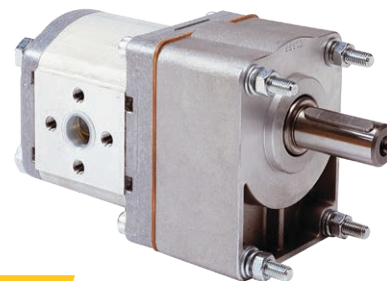


## Hydraulic power steering

### Hydraulic pump type HT1029

VETUS offers a fixed volume hydraulic pump, which is belt driven off the main engine. This pump can be used in conjunction with our hydraulic power steering. This pump has a built in bearing block. Its dimensions are small and are comparable with those of the alternator. The pump has a power take-off of approximately 1 kW (1.5 hp).

- Dimensions (l x w x h): 220 x 90 x 112 mm
- Weight: 5 kg
- Shaft diameter: 22 mm
- Maximum shaft speed: 3,500 rpm
- Suction and pressure connections are included
- Direction: HT1029 Clockwise  
HT1029CCW Counter clockwise



**HT1029**

**HT1029CCW**

If an existing engine driven pump is to be used, the hydraulic flow rate must be minimum 7 l/min and maximum 40 l/min, with a maximum working pressure of 70 bar.

### Oil cooler type HT3011MP - 2 KW

If a pump with a fixed swept volume, or a high capacity is installed, or if the ambient temperature is high, a lot of heat can be generated. In these cases, the installation of an oil cooler in the return line will be required. Cooling water hose diameter Ø 2" thread.

#### Specifications

- Max oil flow: 40 L/min.
- Working pressure: 25 bar
- Connections for the hydraulic side ¾" BSP, two straight screw-in fittings included
- Connections for the cooling water side 2" BSP
- Length: 338 mm



**HT3011MP**

### Oil cooler type HPCOOLER 10 - KW

Large capacity oil cooler. Couplings for the oil connections are supplied.

#### Specifications

- Max oil flow: 90 L/min.
- Working pressure: 20 bar
- Connections for the hydraulic side ¾" BSP, two straight screw-in fittings included
- Connections for the cooling water side 1 ½" BSP
- Length: 442 mm



**HPCOOLER**

### Small hydraulic tank type HT1028

VETUS power steering can be connected to an existing on board hydraulic system. However, if one is not fitted and only power steering is required, this small hydraulic tank (contents about 18 L) will be sufficient. The tank comes complete with all the necessary control components mounted on the top.

#### Dimensions of the tank

- Length 460 mm
- Width 300 mm
- Height 470 mm



**HT1028**

Type	Specifications
HT1028	Hydraulic tank for power steering (complete)
HT1029	Hydraulic pump with bearing block, 11.3 cm³/rev
HT301132	Hydraulic oil cooler for hose ID Ø 32 mm
HT3011MP	Oil cooler, 2" BSP