

VETUS PPM4.35 HYDRAULIC PROPULSION 33 HP

Reference: PPM4.35



VETUS PPM4,35 HYDRAULIC POWERPACK 33HP

VETUS PPM4,35 is a powerpack system equipped with a 4-cylinder VETUS M4.35 engine capable of delivering a maximum mechanical power of 33 Hp.

The VETUS PPM4,35 powerpack consists of an M4.35 diesel engine, with a specially sized hydraulic pump (variable volume, load-sensing depending on the type of application) installed on a flange in place of the inverter. The installation of the VETUS PPM4,35 powerpack is recommended to solve some problems that the installation of a hydraulic propulsion system might cause.

If the Powerpack is dedicated entirely to propulsion, then the diesel engine will be controlled by a mechanical throttle, but in the case of a multiple use system with a load sensing pump, an electronically controlled pump will be installed on the Powerpack.

The engine of the VETUS PPM4,35 is quiet, reliable and offers high power and torque ratios. The fuel line is self-purging, a nice convenience when replacing the fuel filter. The VETUS PPM4,35 powerpack system engine is equipped with a high-power marine alternator for fast battery charging.

VETUS PPM4,35 TECHNICAL FEATURES

Maximum power: 24.3 KW (33 Hp)
Power supply: Diesel
Maximum revs: 3000
Maximum torque: 83.8 Nm/1700 rpm
Bore and Stroke: 78 mm x 92 mm
Displacement: 1758 cm³
Number of cylinders: 4 in line
Combustion system: Indirect injection
Compression ratio: 22:1
Injection order: 1-3-4-2
Inspiration: natural
Electrical system: 12 Volts - 110 Amps.
Cooling: Indirect
Fuel consumption at 2500 rpm 252 g / kW.h (185 g / hp.h)

ENGINE DIMENSIONS

Width: 872 mm
Length: 490 mm
Height: 594 mm
Dry weight: 200 kg

Looking for a hydraulic propulsion system with different technical characteristics? [Here](#) you can find the entire range VETUS or

other brands specializing in the field.

Images and technical data are not binding and may be subject to revisions by the manufacturer.

Technical Sheet

Fuel	Diesel
Engine	VETUS M4.35
Engine rpm (rpm)	3000
Starting system	Electric
Engine capacity (cm ³)	1758
Number cylinders	4
Cylinders' position	In line
Cooling	Indirect
Bore x stroke (mm)	78 x 92
Compression ratio	22 : 1
Net power (kW)	24.3
Maximum torque	83.8 Nm / 1700 rpm
Mechanical power (hp)	33
Engine manufacturer	VETUS