

PT6Y

Self-priming Trash Pump

Large discharge volume, long running time

With a large discharge volume and a long running time, the self-priming centrifugal pump PT6 is perfect for demanding applications. The pump is driven by a sturdy and powerful Yanmar diesel engine with an electric starter. The impeller, made of ductile iron, and the mechanical seals, made of silicon-carbide, ensure a high level of wear resistance and long operational duration with minimal maintenance necessity.

MAT: 5100070835

Highlights

- Shimmable wear plate for longevity and durability
- Quick-release clean out cover
- Central lifting eye
- Powerful Yanmar engine
- Control panel and battery

Technical Data

Mechanical - Output Details

Flow rate max.	4,304.0 l/min
Pump pressure max.	2.6 bar
Solid diameter max.	50.0 mm
Suction head max.	7.5 m
Delivery height max.	27.0 m

Mechanical Details

Length	2,155.0 mm
Width	970.0 mm
Height	1,210.0 mm
Operating weight	800.0 kg
Intake-/Pressure socket-dia.	152.0 mm

Engine

Tank capacity	90.0 l
Power rating max.	18.4 kW
Engine speed 1	2,700.0 1/min
Fuel consumption at Engine speed 1	5.0 l/h
Run Time at Engine speed 1	18.0 hrs

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Available engines

Yanmar 3TNV80F-NXDWN1

Cooling	Water-cooling
Engine type	Diesel engine
Engine operating mode	four-stroke
Cylinder	3
Cylinder capacity	1,267 cm^3
Fuel	Diesel EN 590
Oil filling max.	3.4 l
Power rating max.	18.4 kW
Engine speed (Power max.)	3,000 PL
Exhaust-gas limit	EPA Tier 4 final
Starter type	E-starter
Engine Manufacturer	Yanmar

Yanmar EU Stage V

Cooling	Water-cooling
Engine type	Diesel engine
Engine operating mode	four-stroke
Cylinder	3
Cylinder capacity	1,267 cm^3
Fuel	Diesel EN 590
Oil filling max.	3.40 l
Oil filling min.	1.60 l
Power rating max.	18.4 kW
Engine speed (Power max.)	3,000 1/min
Standard (Operating power)	ISO 3046 IFN
Exhaust-gas limit	EU Stage V
Air cleaner	With Radial Seal
Starter type	E-starter
Starter battery Voltage	12 V
Battery capacity (nom. value)	40 Ah
Engine Manufacturer	Yanmar

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