



PS4-5503

Submersible Pump

powerful and reliable for construction site dewatering

The robust PS series three-phase submersible pumps can handle wastewater containing solids up to a diameter of 20 mm. They feature a high flow rates and high heads, making them ideal for applications where it is important to dry out construction sites quickly and reliably. These high-quality pumps are extremely durable and easy to use. The PS series are also offered in lightweight aluminum models and automatic versions.

Highlights

- Model variations
- Optional motor protection plug for three-phase pumps
- Reliable protection against water creepage
- Perfect sealing of the engine compartment by double, internally placed mechanical seal made of silicon carbide in the oil bath
- Oil lifter for reliable lubrication in any situation
- Safe to run dry
- Steel sleeve reduces wear of the shaft

Technical Data

Electrical - Output Details

Nominal voltage	400.0 V
Nominal frequency	50.0 Hz
Starting current Idle running	86.0 A
Starting current full load	10.8 A
Phase	3.0 ~
Mechanical - Output Details	
Flow rate max.	1,750.0 l/min
Solid diameter max.	8.5 mm
Delivery height max.	22.5 m

Mechanical Details	
Length	305.0 mm
Width	260.0 mm
Height	705.0 mm
Operating weight	66.0 kg
Intake-/Pressure socket-dia.	100.0 mm
Motor	
Nominal speed	2,860.0 1/min
Electrical System	
Length Cable	20.0 m
Cable cross-section	2.5 mm2

The illustrations, equipment and data shown may deviate from the current delivery program of your country. Optional equipment subject to additional charge may be shown. Subject to changes.