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 mm^2

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.

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