



PS3-5503

PS series (400 V, 3~) submersible trash-water pumps

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		Width
Nominal current	11.40 A	Height
Nominal voltage	400.0 V	Operating weight
Nominal frequency	50.0 Hz	Intake-/Pressure socket-dia.
Phase	3.0 ~	Motor
Mechanical - Output Details		Nominal speed
Flow rate max.	1,100.0 l/min	Electrical System
Solid diameter max.	8.5 mm	Length Cable
Delivery height max.	32.0 m	Cable cross-section
Mechanical Details		
Length	305.0 mm	

Width	260.0 mm
Height	695.0 mm
Operating weight	76.0 kg
Intake-/Pressure socket-dia.	75.0 mm
Motor	
Nominal speed	2,860.0 1/min
Electrical System	
Length Cable	20.0 m
Cable cross-section	2.5 mm2