

# PS3-1503

## 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
- Safe to run dry

## Technical Data

### Electrical - Output Details

| | |
|---|---|
| Nominal voltage | 400.0 V |
| Nominal frequency | 50.0 Hz |
| Starting current Idle running | 20.0 A |
| Starting current full load | 3.4 A |
| Phase | 3.0 ~ |

### Mechanical - Output Details

| | |
|---|---|
| Flow rate max. | 670.0 l/min |
| Solid diameter max. | 8.5 mm |
| Delivery height max. | 14.4 m |

### Mechanical Details

| | |
|---|---|
| Length | 235.0 mm |
| Width | 215.0 mm |
| Height | 550.0 mm |
| Operating weight | 29.0 kg |
| Intake-/Pressure socket-dia. | 75.0 mm |

### Motor

| | |
|---|---|
| Nominal speed | 2,850.0 1/min |

### Electrical System

| | |
|---|---|
| Length Cable | 20.0 m |
| Cable cross-section | 1.5 $mm^2$ |

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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