



## PS4-3703

### 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 current   | 7.70 A  |
| Nominal voltage   | 400.0 V |
| Nominal frequency | 50.0 Hz |
| Phase             | 3.0 ~   |

### ■ Mechanical - Output Details

|                      |               |
|----------------------|---------------|
| Flow rate max.       | 1,440.0 l/min |
| Solid diameter max.  | 8.5 mm        |
| Delivery height max. | 18.0 m        |

### ■ Mechanical Details

|        |          |
|--------|----------|
| Length | 285.0 mm |
|--------|----------|

|                              |          |
|------------------------------|----------|
| Width                        | 250.0 mm |
| Height                       | 675.0 mm |
| Operating weight             | 62.0 kg  |
| Intake-/Pressure socket-dia. | 100.0 mm |

### ■ Motor

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

### ■ Electrical System

|                     |                     |
|---------------------|---------------------|
| Length Cable        | 20.0 m              |
| Cable cross-section | 1.5 mm <sup>2</sup> |