

ref. 99012607

PUMP T20 380V 3FASE

DOMPELPOMPEN MAST

Height of discharge: max 21 m
Maximum flow rate: 2400 l/min
Grit passage: 15 mm
Coupling: DSP110
Motor: 400V - 50 Hz - 3-phase
Power P1: 5.3 kW
Maintenance-free and dry-running protection

DESCRIPTION

Extremely robust submersible pump by Mast, the T20, with max. flow of 2400 l/min, supplied with coupling DSP 110.

Applications: Suitable for pumping water that also contains slate, sand and other impurities. Pumping mineral oil / water mixtures is also possible without problems.
The pumps must not be used in hazardous areas or for pumping flammable liquids.

Flow rate:
- 2400 l/min - 0 m discharge height
- 1980 l/min - 5 m discharge height
- 1520 l/min - 10 m discharge height
- 850 l/min - 15 m discharge height
- 0 l/min - 21 m discharge height

TECHNICAL SPECIFICATIONS
- Cooling of engine by pumped fluid between double jacket around engine block.
- Revolving flange on discharge outlet allows it to be adjusted to any angle from horizontal to vertical. This allows the discharge hose to run upwards along stairs or verge without bending.
- Contains no oil, silicone or grease (can therefore be used in areas with more stringent environmental requirements).
- Can be used both horizontally and vertically.
- Synthetically encircled metal carrying handle, to which working rope can be attached.
- Protected against overheating by thermal break switch (PTC thermistor) 120°C.

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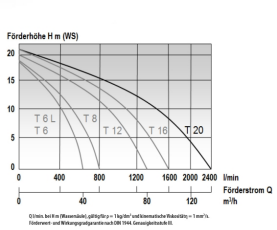
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- Protected against dry-running thanks to special mechanical seal.
- Sealing control: The pump is fitted with a moisture sensor in the motor compartment which ensures that the pump switches off automatically if moisture enters the motor compartment.
- Encapsulated motor
- Maintenance-free: no oil filling, lubrication points, or use of sealants or adjustment works required.
- Low clogging due to high mounted impeller.
- Easy cleaning and replacement of wear parts thanks to modular construction.
- Automatic direction of rotation: An automatic direction of rotation motor always steers the motor in the right direction, regardless of the sequence of phase connections.
- Built-in phase failure protection: If one of the three phases fails, the motor switches off automatically.
- Undervoltage protection: the pump is switched off if it is connected to the wrong voltage or if the voltage of the power supply drops to a critical threshold.

- Pump: Single-stage centrifugal pump
- Headway: max 21 m
- Maximum flow rate: 2400 l/min
- Speed: 2800 U/min
- Grit passage: 15 mm
- Exhaust: diameter 4"
- Coupling: DSP110
- Temperature of pumped liquid: max 60°C
- Liquid density: of pumped liquid: max 1,1 kg/dm3
- Acidity of pumped liquid: pH 5-8
- Motor: 400V - 50 Hz - 3-phase
- Power P1: 5.3 kW
- Power P2: 4.5 kW
- Rated current: 9.3 A
- Connection cable: Length 20m (H 07 RN-F 4 G 2.5)
- Plug: CEE 16A motor protection plug 5-pole with on/off switch IP 45
- Carrying handle material: metal surrounded with plastic
- Motor housing material: Aluminium alloy DIN EN 1706, corrosion-free and seawater resistant
- Pump housing material: Aluminum alloy DIN EN 1706, corrosion-free and seawater resistant
- Rotor material: stainless steel 1.4021
- Material impeller and diffuser: cast iron DIN EN 1563
- Material screws: A2 stainless steel
- Seals material: oil-resistant elastomers NBR quality
- Shaft seal material: mechanical seal carbon ring and ceramic counter ring
- Sieve material: stainless steel
- Base plate material: Aluminium alloy DIN EN 1706, corrosion-free and seawater resistant
- Dimensions: Dia260 x W440 x H570 mm
- Weight: 45 kg







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