



# SUBMERSIBLE PUMP T 8

Drainage water • 3~ 400 V 50 Hz

## FULL MOTOR PROTECTION

Capsuled winding  
Dry-running safe  
Oil-/Silicone-free  
Maintenance-free

Built-in low level  
pumping application

Built-in B-STORZ-coupling for  
series connection (optional)

Type „Hotwater“ application  
≤ 90 °C (optional)



Robust metal carrying handle  
Easy to carry with one hand  
rope attachment point

Q max. 800 l/min.

23 kg total  
with cable and plug

Checking tap  
mechanical seal

## APPLICATION AREA:

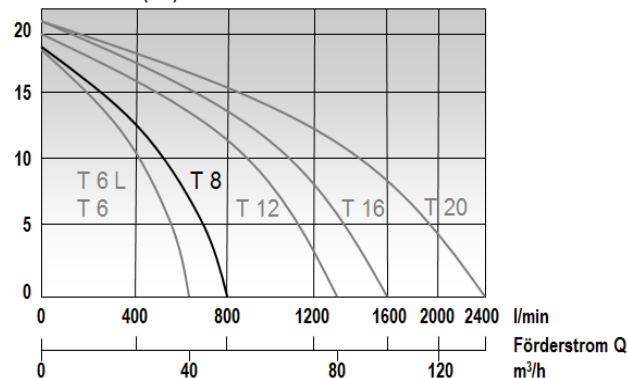
Drainage water with solids.

Max. submersion: ≤ 20 m  
Max. liquid temperature: ≤ 60°C  
Max. liquid density: ≤ 1,1 kg/dm<sup>3</sup>  
pH-limitations: 5-8

## FLOW RATE:

Q l/min	H m
800	0
690	5
500	10
210	15
0	18

Förderhöhe H m (WS)



Q l/min.at H m (Watercolumn), valid for  $\rho = 1 \text{ kg/dm}^3$  and kinematic viscosity  $\eta = 1 \text{ mm}^2/\text{s}$ .  
Flow rate and efficiency DIN 1944. Accuracy level III.

## CHARACTERISTICS:

Pump type: 3~ 400 V Three-phase AC 50 Hz  
Power P<sub>1</sub> / P<sub>2</sub>: 2,0 / 1,5 kW  
Rated current: 3,8 A  
Shaft speed: 2800 U/min.  
Total weight: 23 kg incl. cable & plug  
Dimensions: Ø 19 x B 23 x H 50 cm  
Connections: G 2½"  
Discharge Conn.: B  
Solids passage: Ø 8 mm  
Cable: H 07 RN-F 4G1,5 (20 m)  
Plug: CEE 16A On/Off-Switch 5-pole IP45  
Rotation indicator and phase changer

## MATERIALS:

Carry handle: Coated steel  
Motor housing: Aluminum alloy acc. to DIN EN 1706\*  
Pump housing: PVC-U  
Rotor shaft: Stainless steel 1.4021  
Impeller: Special cast iron acc. to DIN EN 1563\*\*  
Screws: Stainless steel A2  
Gaskets: Mineral oil resistant elastomer  
Mechanical seal: Carbon / Ceramics  
Protective strainer: Stainless steel  
Baseplate: Aluminum alloy acc. to DIN EN 1706\*

\*seawater resistant at mobile application,  
corrosion-resistant

\*\*wear-resistant, unbreakable



MAST PUMPEN GmbH  
Pumpe manufacturer  
Mörikestr. 1 • D-73773 Aichwald

+49 711 936704-0  
info@mast-pumpen.de  
www.mast-pumpen.de

Specification can change without notice\_01/17