



# SUBMERSIBLE PUMP T 20

Drainage water • 3~ 400 V 50 Hz

Robust metal carrying handle with rope attachment point

**FULL MOTOR PROTECTION**  
 Automatic direction of rotation  
 Overload protection ( PTC )  
 Low voltage protection  
 Phase failure protection  
 Mechanical seal monitoring  
 Automatic restart safety lock

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



Turnable discharge

Q max. 2.400 l/min.

45 kg with cable and plug

Low level pumping by using a wristband (optional)

## APPLICATION AREA:

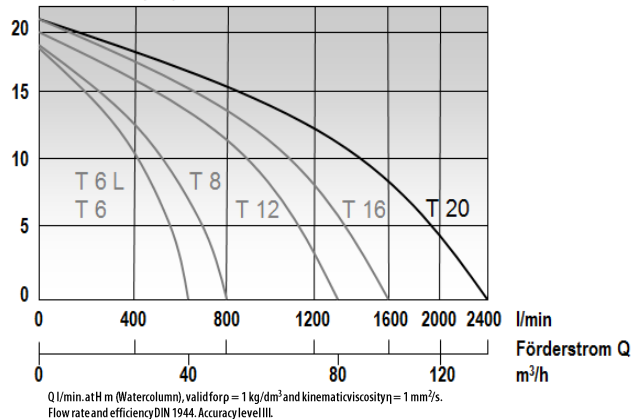
Drainage water with solids.

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
2400	0
1980	5
1520	10
850	15
0	21

Förderhöhe H m (WS)



## CHARACTERISTICS:

Pump type: 3~ 400 V Three-phase AC 50 Hz  
 Power P<sub>1</sub> / P<sub>2</sub>: 5,3 / 4,5 kW  
 Rated current: 9,3 A  
 Shaft speed: 2800 U/min.  
 Total weight: 45 kg with cable and plug  
 Dimensions: Ø 26 x B 44 x H 57 cm  
 Connections: G 4"  
 Discharge Conn.: A  
 Solids passage: Ø 15 mm  
 Cable: H 07 RN-F 4G2,5 (20 m)  
 Plug: CEE 16A ON/Off-Switch 5-pole IP45 (IP67 optional)

## MATERIALS:

Carry handle: Coated steel  
 Motor housing: Aluminum alloy acc. to DIN EN 1706\*  
 Pump housing: Aluminum alloy acc. to DIN EN 1706\*  
 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



powerful  
robust  
reliable

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Specification can change without notice\_01/17