



# SUBMERSIBLE PUMP TP 15 - 1 DIN 14 425

Drainage water • 3~ 400 V 50 Hz

PVR 305/12/84

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:

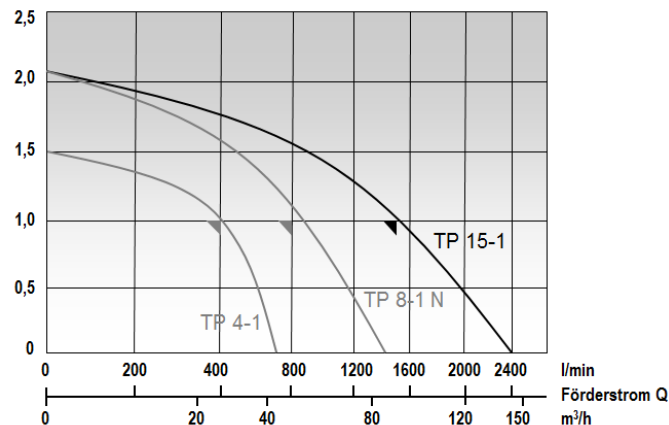
Drainage water with solids.

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

Förderdruck p bar



Q l/min.atH m (Watercolumn), valid for ρ = 1 kg/dm<sup>3</sup> and kinematic viscosity η<sub>kin</sub> = 1 mm<sup>2</sup>/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>: 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

MAST PUMPEN GmbH  
Pump 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