



SUBMERSIBLE PUMP TP 4 - 1 DIN 14 425

Drainage water • 1~ 230V 50 Hz

PVR 305/10/84

FULL MOTOR PROTECTION

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

Non-clogging high power
impeller design, intake over
complete strainer surface

Built-in low level
pumping application

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



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

Q max. 780 l/min.

20,5 kg total
with cable and plug

Checking tap
mechanical seal

APPLICATION AREA:

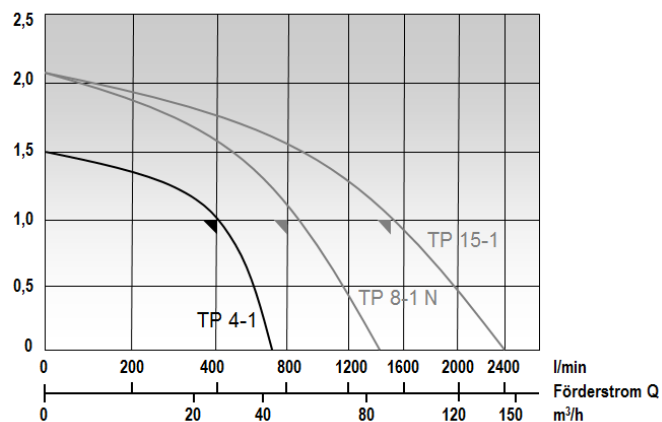
Drainage water with solids.

Max. submersion: ≤ 20 m
Max. liquid temperature: ≤ 60°C
Max. liquid density: ≤ 1,1 kg/dm³
pH-limitations: 5-8

FLOW RATE:

Q l/min	bar (p)
780	0
610	0,5
400	1,0
220	1,2
0	1,5

Förderdruck p bar



Q l/min.atH 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: 1~ 230 V Single-phase AC 50 Hz
Power P₁ / P₂: 1,8 / 1,3 kW
Rated current: 8,1 A
Shaft speed: 2800 U/min.
Total weight: 20,5 kg incl. cable & plug
Dimensions: Ø 19 x B 23 x H 50 cm
Connections: G 2 ½"
Discharge Conn.: C
Solids passage: Ø 8 mm
Cable: H 07 RN-F 3G1,5 (20 m)
Plug: Schuko plug IP 67 16A

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



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Specification can change without notice_01/17