



SUBMERSIBLE PUMPS FOR THE FIRE SERVICE DIN 14 425

TP 8-1 N

Dirty water · 3~400 V · 50 Hz

POWERFUL
RUGGED
HIGHLY RELIABLE



KEY DATA

Max. flow rate	1350 l/min
Power P ₁ /P ₂	3,3 / 2,7 kW
Overall weigh	32 kg
Dimensions (L × W × H)	23 x 24 x 49 cm
Coupling	STORZ-B

01 FIELD OF APPLICATION

Dirty water with a solid content.

Immersion depth (max.)	≤ 20 m
Liquid temperature	≤ 60 °C
Liquid density (max.)	≤ 1,1 kg/dm ³
pH value	5-8

02 FEATURES

- Full motor protection
- Phase-failure protection
- Low-clogging design with a high-set impeller
- Temperature protection (PTC)
- Automatic direction-of-rotation control
- Flat suction individually adjustable with a cuff
- Usable for series connection
- Restart lock
- Seal monitoring

03 TECHNICAL DATA

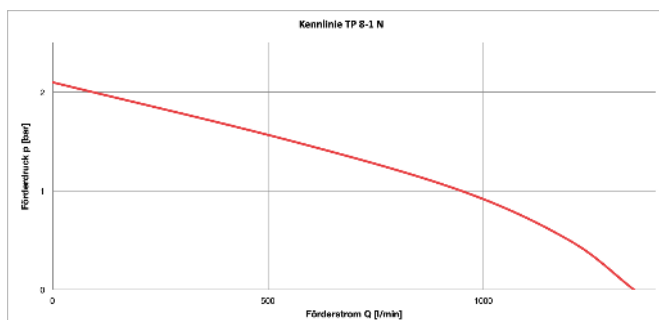
Motor	3~400 V three-phase · 50 Hz
Power P ₁ /P ₂	3,3 / 2,7 kW
Rated Current	5,8 A
Rotational Speed	2,800 rpm
Overall weight	32 kg complete
Dimensions	L 23 x B 24 x H 49 cm
Connection size:	G 2½"
Coupling	STORZ-B
Maximum solids size	Ø 10 mm
Power supply Cable	H 07 RN-F 4G1,5 (20 m)
Connection type	CEE 16A on/off switch 5-pole IP45 (IP67 optional)

04 MATERIALS

Carrying handle	Steel coated
Motor housing	Al alloy DIN EN 1706
Pump housing	Al alloy DIN EN 1706
Rotor shaft	stainless steel 1.4021
Impeller	Special cast iron in DIN EN 1563
Screws	stainless steel A2
Seals	mineral-oil-resistant elastomers
Shaft seal	Mechanical seal carbon / ceramic
Protective strainer	Steel galvanised

05 MAXIMUM FLOW RATE

Q l/min	pressure [p]
1350	0
1200	0,5
950	1
560	1,5
0	2,1



Q [l/min] at pressure [p], valid for a density of 1 kg/dm³ and a kinematic viscosity of 1 mm²/s.
Capacity and efficiency guaranteed according to DIN 1944, accuracy grade III.

Q MAX.
1350
l/min

Maximum solids size
Ø 10
mm

