



SUBMERSIBLE PUMPS FOR THE FIRE SERVICE DIN 14 425

TP 4-1 F

Dirty water · 1~230 V · 50 Hz

POWERFUL
RUGGED
HIGHLY RELIABLE



KEY DATA

Max. flow rate	900 l/min
Power P ₁ /P ₂	1,8 / 1,3 kw
Overall weigh	20 kg
Dimensions (L x W x H)	25 x 25 x 39 cm
Coupling	STORZ-B

01 FIELD OF APPLICATION

Dirty water with a solid content. For robust use by fire services, disaster control and municipalities.

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
- Maintenance-free
- Temperature protection
- Flat suction down to a few mm
- Dry-running safe
- Sturdy metal handle
- encapsulated motor
- Oil- / silicone-free
- 20 kg complete with cable

03 TECHNICAL DATA

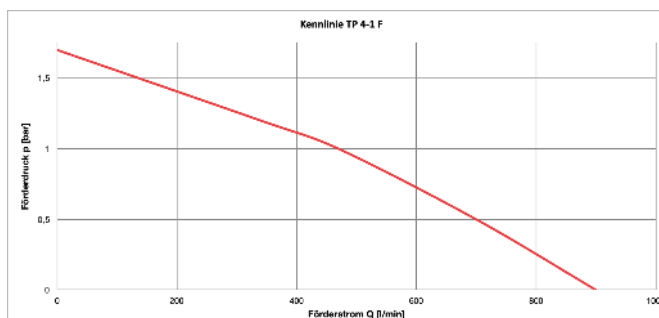
Motor	1~230 V AC · 50 Hz
Power P ₁ /P ₂	1,8 / 1,3 kW
Rated Current	8,6 A
Rotational Speed	2,800 rpm
Overall weight	20 kg complete
Dimensions	L 25 x B 25 x H 39 cm
Connection size:	G 2½"
Coupling	STORZ-B
Maximum solids size	Ø 8 mm
Power supply Cable	H 07 RN-F 3G1,5 (20 m)
Connection type	Earthed plug 16A IP68 in accordance with DIN 49 443

04 MATERIALS

Carrying handle	Steel coated
Motor housing	Al alloy DIN EN 1706
Pump housing	PVC-U
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	stainless steel

05 MAXIMUM FLOW RATE

Q l/min	pressure [p]
900	0
700	0,5
470	1
340	1,2
0	1,7



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.
900
l/min

Maximum solids size
Ø 8
mm

