

NEW

1-6228-EN

PSC Immersion Pump, with water-cooled motor

Technical data

- Delivery rate
 $Q_{\max} = 260 \text{ l/min}$
- Delivery head
 $H_{\max} = 280 \text{ m}$
- Temperature range
 $T_{\max} = +5 \text{ °C to } +60 \text{ °C}$
- Kinematic viscosity
 $\nu_{\max} = 20 \text{ mm}^2/\text{s}$

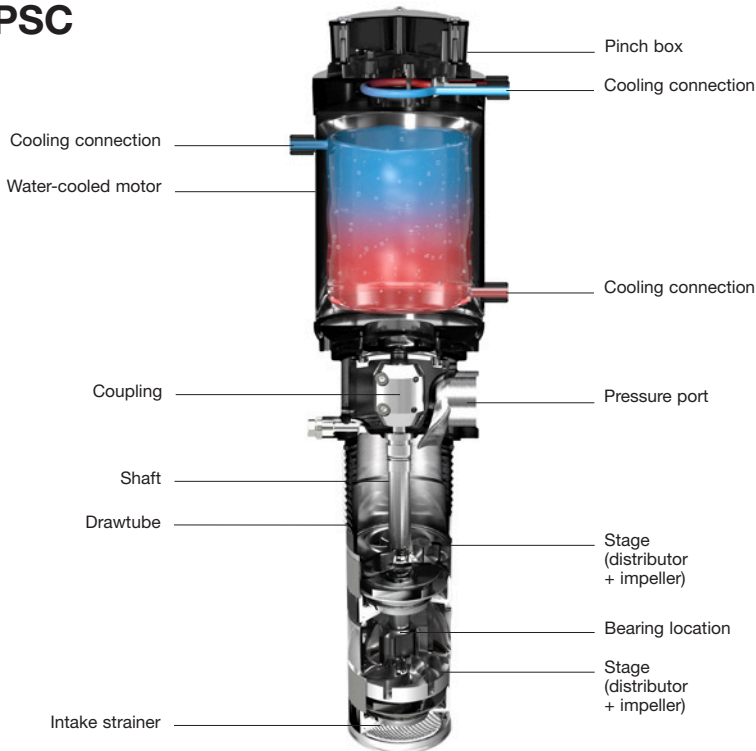


Quality Management
DIN EN ISO 9001:2008
Environmental Management
DIN EN ISO 14001
Health and Safety Management
OHSAS 18001

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PSC



Features

- Water-cooled motor
- Optimum removal of waste heat
- Direct installation in the EDM without negative influence on the machining quality
- Multistage centrifugal pump with three different designs
- For delivery of water (even without a rust inhibitor), emulsions
- Suitable for vertical mounting position in reservoir
- Pressure port is located above the reservoir plate and designed with internal thread G $\frac{3}{4}$
- Wide range of immersion depths from 376 to 812 mm

Technical data

Delivery rate Q_{\max}	260 l/min
Delivery head H_{\max}	280 m
Immersion depth t_{\max}	812 mm
Kinematic viscosity	max. 20 mm ² /s
Delivery temperature	+5 °C to +60 °C
Direction of rotation (as viewed looking down on the motor's ventilation side)	anticlockwise
Fluids delivered	water (even without a rust inhibitor), emulsions

Mechanical design

Component	Material
Flange	CuSn
Shaft	1.4305
Impeller	SAN
Intermediate chamber	SAN + 1.4301
Pump bottom	SAN
Elastomers Pump design „J“	NBR
Mechanical seal Seal „G“	SiC, C, NBP
Intake strainer	1.4301
Tube	1.4306

Versions

Component	Material
Elastomers Pump design „C“	FKM
Mechanical seal Seal „H“	SiC, C, NBR

Applications

Wire and Sinking EDM

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