

Sealless Immersed Pump made of Stainless Steel

Type CTOL



Advantages

Pumps individually adapted to the application

- finely graded field of characteristic curves
- depth of immersion and size of cover plate adapted to tank capacity
- space-saving design of the system
- cost savings due to simple pipework

High operational reliability

- simple construction
- without shaft sealing - no outward leakage

Low maintenance requirements

- small number of construction parts
- spare parts available from stock

and additional advantages of this type as

- variations possible to meet the requirements by means of different sizes and materials of construction as well as various bladings
- also with torque-flow impeller for transport of liquids with solids or contaminated liquids available
- high quality materials of construction and components

Constructional features

Sealless single-stage immersed pump with cover plate and ascending pipe

Materials

Up to pump model CTOL 65-160
all pump parts in contact with the liquid made of 1.4301 (X5CrNi18 10) / 1.4404 (X2CrNiMo17 12 2)

Special execution:

all pump parts in contact with the liquid made of 1.4301 (X5CrNi18 10) / 1.4404 (X2CrNiMo17 12 2)

Pump model CTOL 700 M

all pump parts in contact with the liquid made of 1.4581 (GX5CrNiMoNb19 11 2) / 1.4517 (GX3CrNiMoCuN25 6 3 3)

Shaft sealing

without

Ranges of application

Pressure up to 10 bar

Temperature -20 °C (-25 °C) up to +90 °C

Viscosity $\leq 115 \text{ mm}^2/\text{s}$

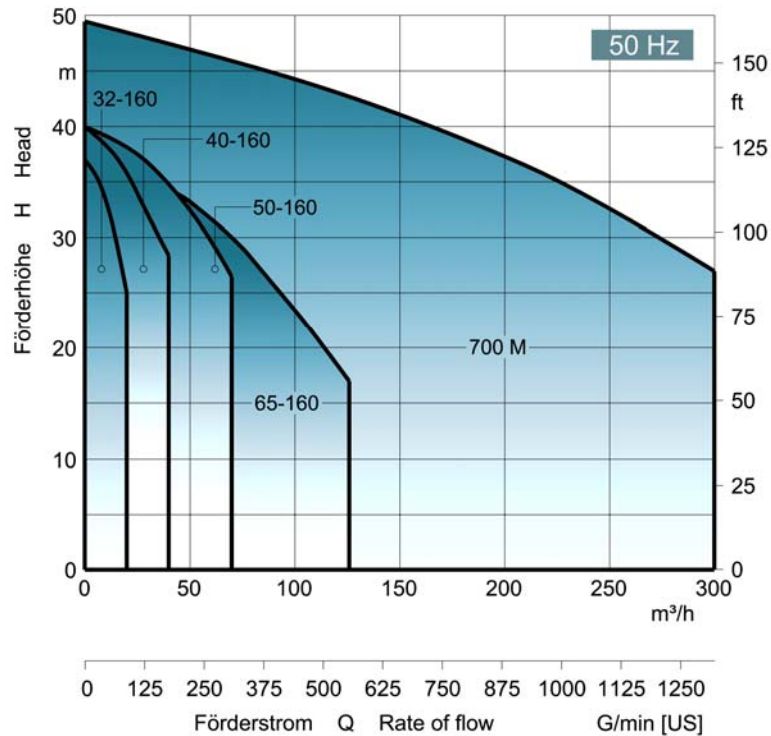
Standard drive

IEC three-phase A. C. motors, insulation class F, enclosure IP 55, up to 4,0 kW 230/400 V, from 5,5 kW 400 V Δ , 50 Hz

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Performance data



EDUR-Pumps

- each pump is subjected to a computer controlled final inspection
- careful selection
- no alignment problems as pump and motor are positively centered
- easy maintenance due to simple design
- motors with special voltage for world-wide applications
- permanent stockkeeping of spare parts
- operating instructions also available at www.edur.com
- service world-wide.