



CPZ Submersible Propeller Pumps



Wet well installation single stage submersible axial flow pump with impeller blades fixed settings for vertical installation in a shaft cylinder. We able to select the best combination of hydraulic and motor with regard to output, speed, voltage and frequency in order to suit the particular application.

Applications

- Irrigation and drainage pumping stations
- Storm water pumping stations
- Flood control and agriculture
- Raw and clean water pumps in waterworks and in sewage pumping station
- Cooling water pumps in power station and industry
- Aquaculture

Drive

Three phase asynchronous motor; 50 or 60 Hz; Starting method direct

Bearings

Maintenance free antifriction bearings with permanent grease lubrication

Shaft Sealing

Double mechanical seals being independent of the direction of rotation

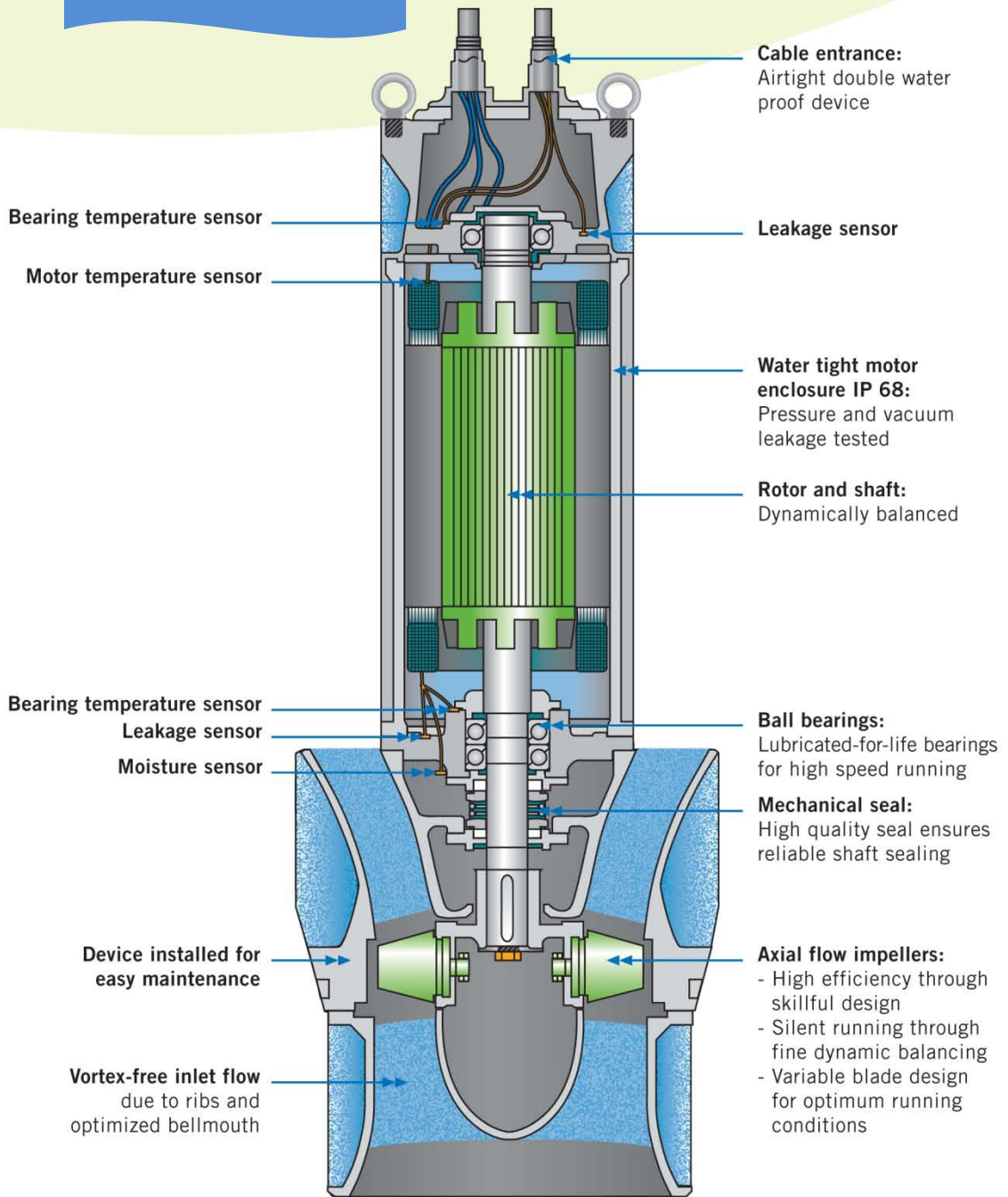
Operating Data

Max. capacity : 10,000 l/s
Max. head : 9 m
Max. motor rating : 850 kW
Max. liquid temperature : 40 °C

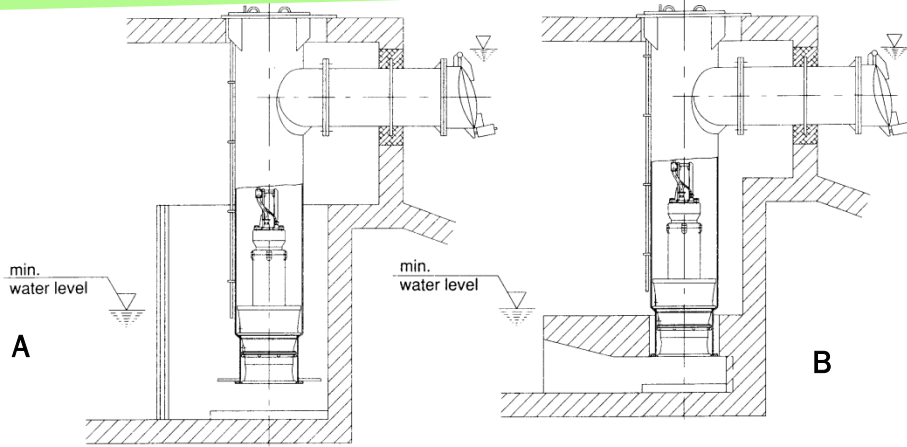
Materials

Diffuser casing	: Cast iron
Motor housing	: Cast iron
Pump shaft	: Stainless steel 420
Propeller	: Cast iron/Stainless Steel/Al-Bronze
Casing wear ring	: Stainless Steel
Screw, bolts and nuts	: Stainless Steel

Product advantages for our customers' benefit



Type of Installation

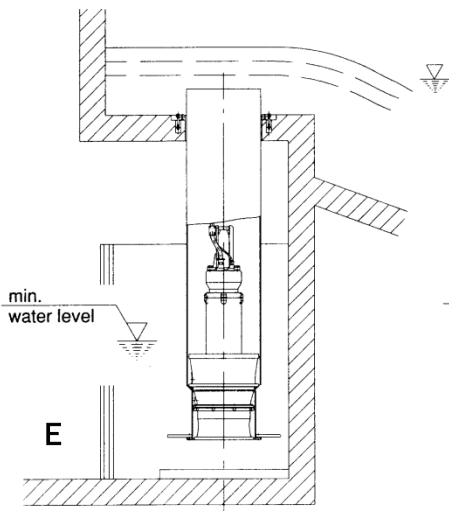
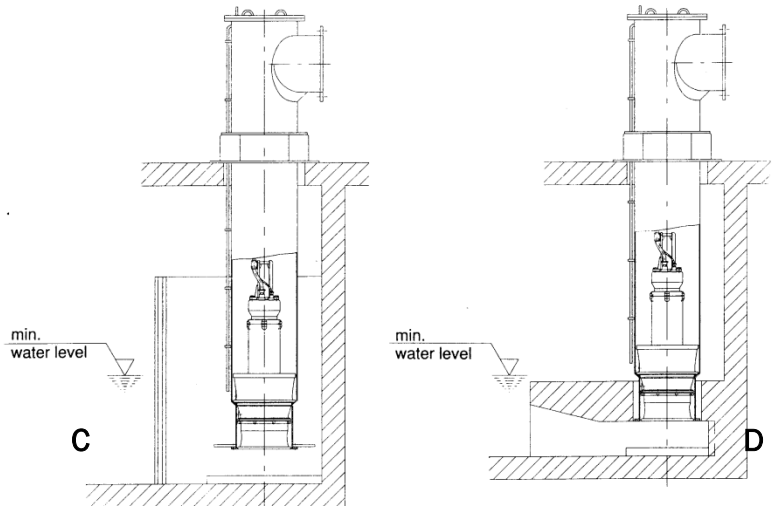


A – Steel discharge column with underfloor discharge and open inlet chamber

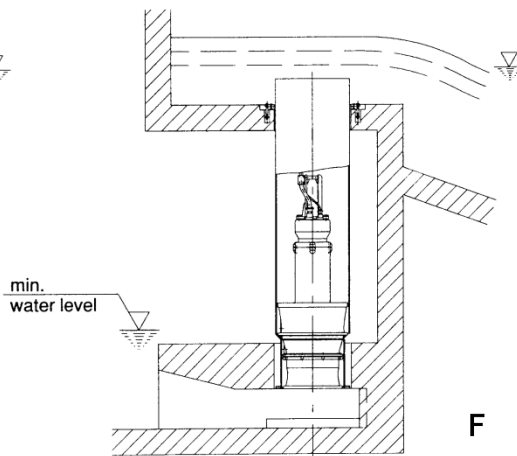
B – Steel discharge column with underfloor discharge and covered inlet chamber for low suction water levels

C – Steel discharge column with discharge nozzle above floor and open inlet chamber

D – Steel discharge column with discharge nozzle above floor and covered inlet chamber for low suction levels



E – Steel discharge column. Overflow design with open inlet chamber



F – Steel discharge column. Overflow design with covered inlet chamber for low suction water levels



For any further information please contact:

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