

CZ Series – SS Magnetic Drive Chemical Process Close Coupled Pump

Description

- Single Stage, Horizontal Centrifugal Pump.
- Hydraulic Performance and Dimensions according to DIN EN ISO 2858
- Technical design based on DIN EN ISO 15783
- Permanent Magnet Drive
 - Maintenance Free
 - Separation of Liquid Chamber to Atmosphere by Means of Isolation Shell
 - Slipless Power Transfer
- Materials : Steel, Stainless Steel, Nickel Based Materials
- Close Coupled Block Design
- Hydraulically balanced impeller for minimum bearing loads
- Product-Lubricated Journal Bearings; made of Silicon Carbide (SSiC) or Customized Materials

Technical Data

Operation Range

Flow Rate : max. 100m³/h

Delivery Head : max. 100 metre

Pressure Rating : Class 150

Temperatures -35°C to +250°C

Kinematic viscosities 0.5 to 350 mm²/s

Casing & Impeller Materials

Stainless steel SS 316, SS 316L, SS 304, SS 304L

Other materials Stainless steel , duplex alloys , nickel-base alloys (e.g. Hastelloy®),

Working Principle : Radial flow pump

Stages : Single stage

Priming Method : Flooded suction

Sealing System : Magnetic coupling

Standards : DIN EN ISO 2858

Technical Drawings

CZ Series Curves

Dimensional Drawings