Slide Ring Seal 滑套密封
H-D10/270 –E1

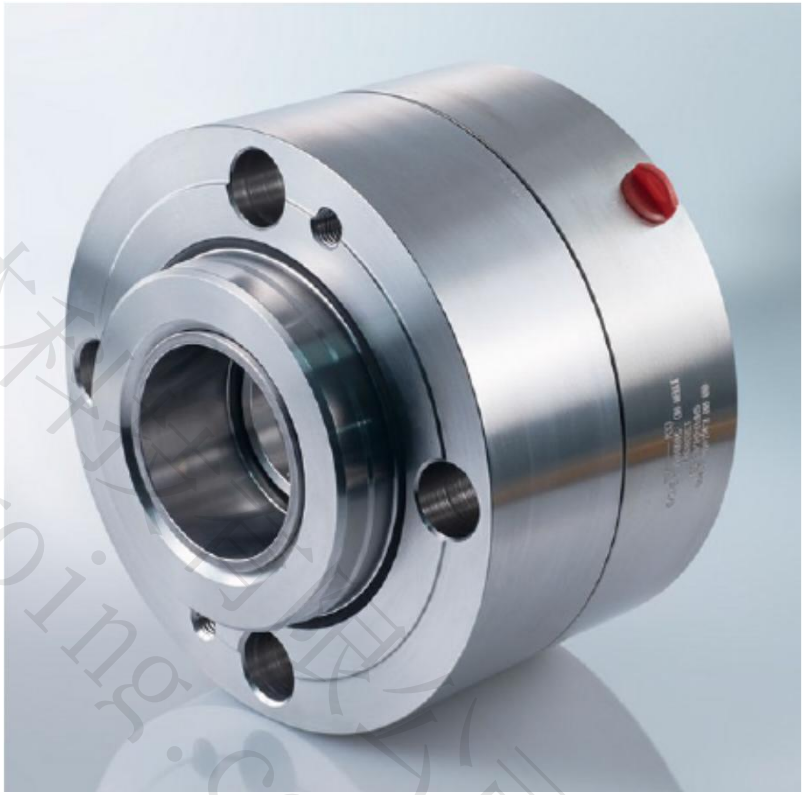
For RGP-82CD Refiner

Valmet

特征

Features

- Cartridge design
- Dual seal
- Balanced
- Integrated pumping device
- Stationary spring loaded unit
- Multiple springs arrangement
- Shrink-fitted seal face
- One rugged seat



优势

Advantages

- Deformation-optimized seal for high pressures and high sliding velocities (static up to 500 bar (7,250 PSI))and dynamic up to 150 bar (2,175 PSI))
- Economical due to standardized inner components
- High flexibility due to adaptation of the connection parts to the pump seal chamber
- Optimum heat dissipation due to integrated pumping device
- Insensitive to shaft deflections due to stationary design
- Pre-assembled unit for quick and easy installation
- Dual seal does not open even in the event of barrier fluid pressure failure
- Reliable operation due to one rugged seat with bandage
- Suitable for use in compliance with API 682, type ES
- Version with loose-fitted seal face available, for extreme applications
- Only small number of components

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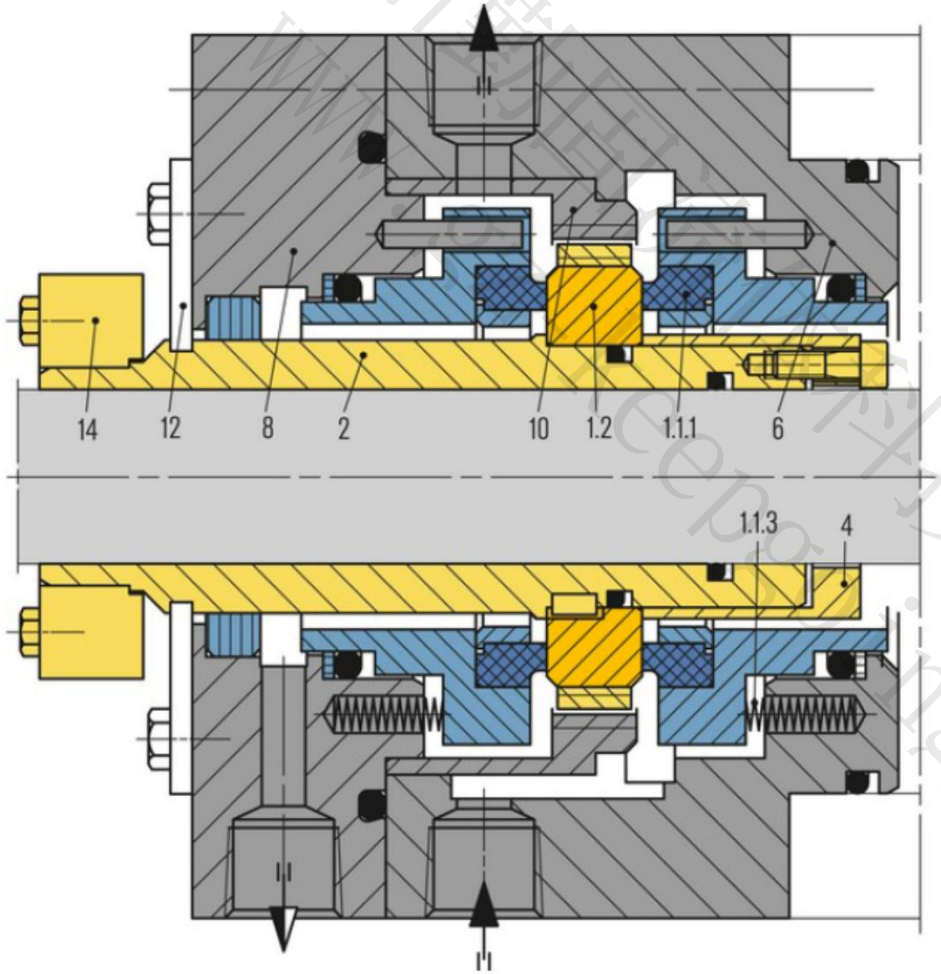
产品结构



Item	Description
1.1.1	Seal face
1.1.3	Spring
1.2	Seat
2	Shaft sleeve
4	Clamping sleeve
6	Housing
8	Cover
10	Pumping sleeve
12	Assembly fixture
14	Shrink disk

工艺应用范围及材质

Operating range

Shaft diameter: d1* = 40 ... 250 mm (1.57" ... 9.84")
Pressure: p3 = 150 bar (2,175 PSI)
Temperature: t = 200 °C (392 °F)
Sliding velocity: vg = 60 m/s (197 ft/s)
* Other sizes on request

Materials

Seal face: SiC-C-Si, silicon impregnated carbon (Q3), Carbon graphite antimony impregnated (A)
Seat: Silicon carbide (Q)
Secondary seals: FKM (V), EPDM (E), FFKM (K)
Springs: Hastelloy® C-4 (M)
Metal parts: CrNiMo steel (G), Duplex (G1), Super Duplex (G4), Pure Titanium (T2), Hastelloy® C-4 (M)

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