

Slide Ring Seal 滑套密封
H-D10/270 -E1

For RGP-82CD Refiner



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

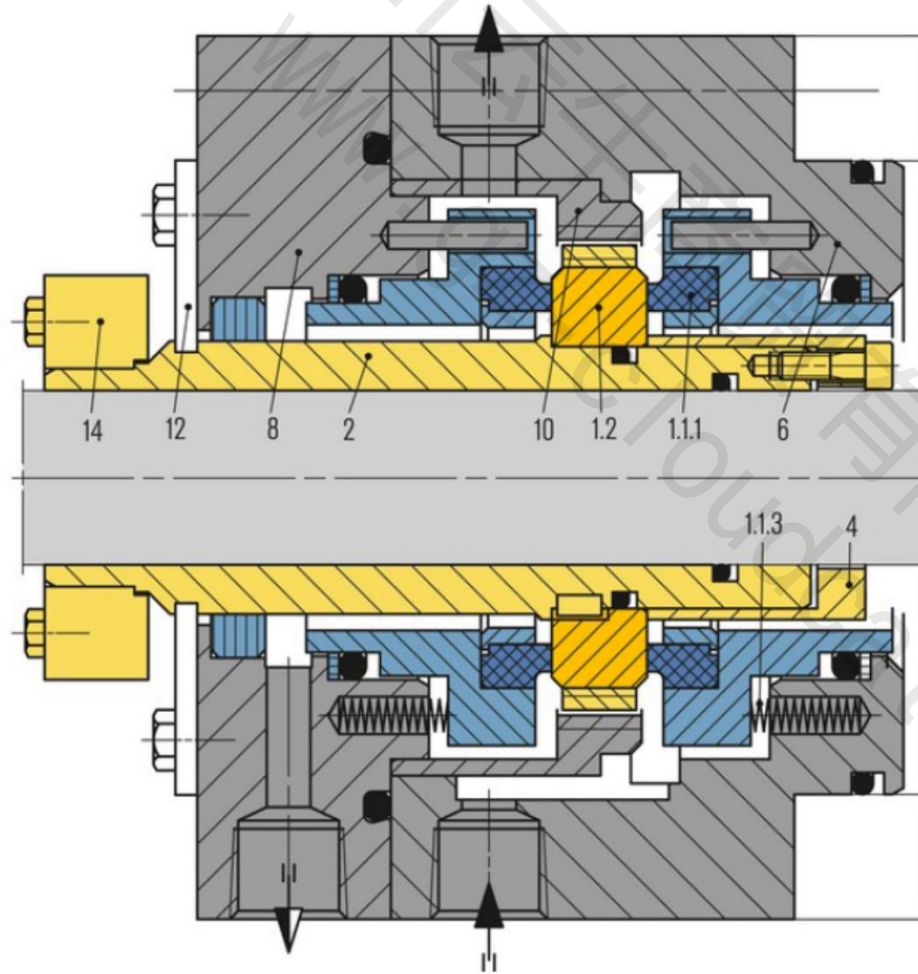


优势

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

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: $d1^* = 40 \dots 250 \text{ mm}$ (1.57" ... 9.84")

Pressure: $p3 = 150 \text{ bar}$ (2,175 PSI)

Temperature: $t = 200 \text{ °C}$ (392 °F)

Sliding velocity: $vg = 60 \text{ m/s}$ (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)