

B800

Mechanical seals | Compressor seals | Oil-lubricated seals



Features

- Oil-lubricated
- Double seal
- Balanced
- Bi-directional
- Stationary bellows (process side)
- Multiple springs (bearing side)
- Shrink-fit seat
- Double-pressure balanced

Advantages

- Suitable for high sliding velocities
- Seal does not open if oil pressure drops
- Rugged seat with bandage ensures reliable operation
- Compact design with few sealing components

Operating range

Shaft diameter: $d = \dots 220 \text{ mm (8.66")}$
 Pressure: $(p_2 - p_1) = \dots 5 \text{ bar (73 PSI)}$
 Sliding velocity: $v_g = 90 \text{ m/s (295 ft/s)}$

Materials

Bellows: AM350, Inconel® 718, Hastelloy®-C
 Seal face: Special SiC, high-density carbon graphite
 Seat: Silicon carbide
 Secondary seals: FKM (bearing side)
 Metal parts: 1.4301, Carpenter® 42, Inconel® 718, Hastelloy®-C

Notes

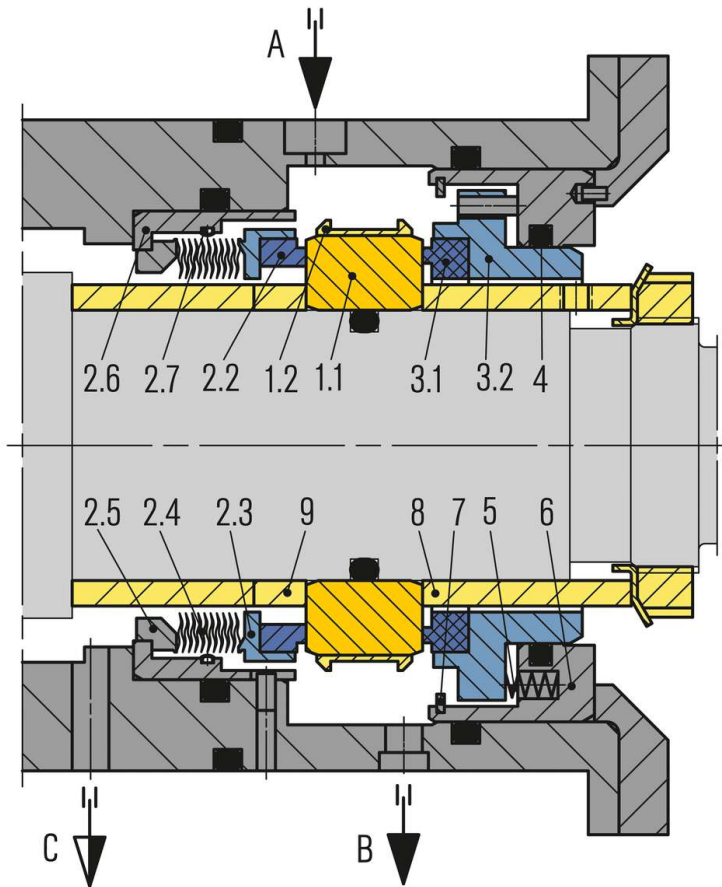
This special shaft seal is characterized by its straightforward structure, compact length and quiet running even under changing pressure conditions. It also seals reliably at both high and low temperatures.

Dimensions on request.

Recommended applications

- Oil and gas industry
- Refining technology
- Petrochemical industry

RELY ON EXCELLENCE



Item	Description
1.1	Seat
1.2, 2.3, 3.2	Retainer
2.2, 3.1	Seal face
2.4	Bellows
2.5	Adapter
4	O-ring
5	Spring
2.6, 6	Housing
2.7	Damper
7	Retaining ring
8	Sleeve
9	Spacer
A	Oil IN
B	Oil OUT
C	Drain