

RELY ON EXCELLENCE

## EBU800

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

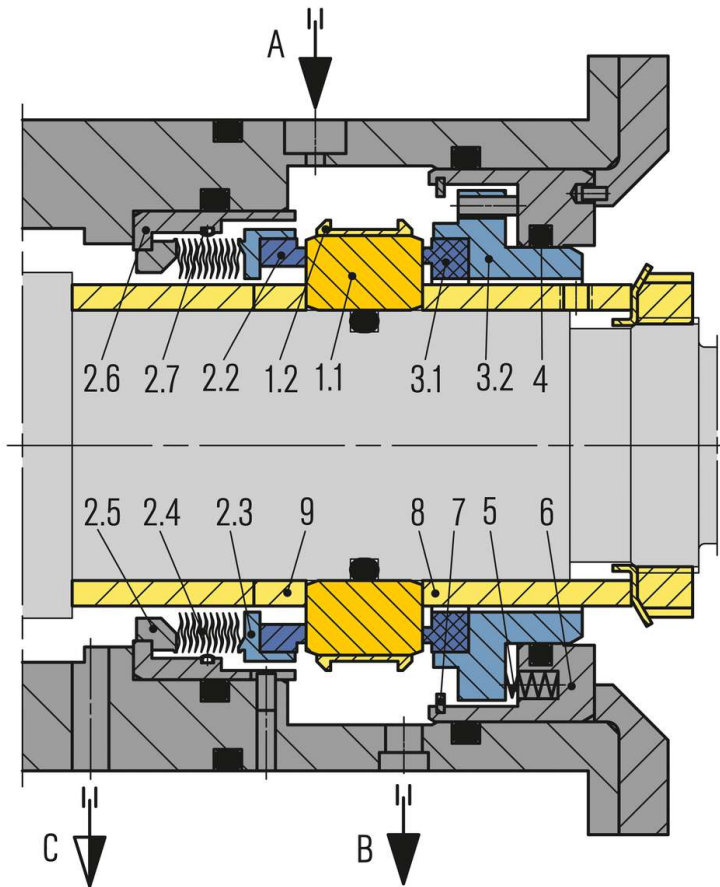
This special shaft seal is characterized by its straightforward structure, compact length and quiet running even under changing pressure conditions. It also seals reliably at both high and low temperatures.

Dimensions on request.

### Recommended applications

- Oil and gas industry
- Refining technology
- Petrochemical industry

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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