

HBrinker Mechanical Seal

Agitator seal Mechanical Seal HBSH-D



Mechanical Seal HBSH-D

Operating range

Shaft diameter: $d_1 = 20 \dots 500 \text{ mm}$ (0.79" ... 19.69")

Pressure: $p_1 = \text{vacuum} \dots 250 \text{ bar}$ (... 3,625 PSI)*, $p_3 = p_1 + 10 \%$

Temperature: $t_1 = -40 \text{ }^\circ\text{C} \dots +200$ (350**) $^\circ\text{C}$ (-40 $^\circ\text{F}$... +392 (662**) $^\circ\text{F}$)

Sliding velocity: $v_g = 0 \dots 5 \text{ m/s}$ (0 ... 16 ft/s)

Materials

- Seal faces: Carbon graphite
- Seats: Silicon carbide, FDA conform
- Secondary seals and metallic parts acc. to application and customers' requirement

Features

- For top entry drives
- Double seal
- Balanced
- Independent of direction of rotation
- Multiple springs rotating
- Liquid-lubricated
- Cartridge unit

Advantages

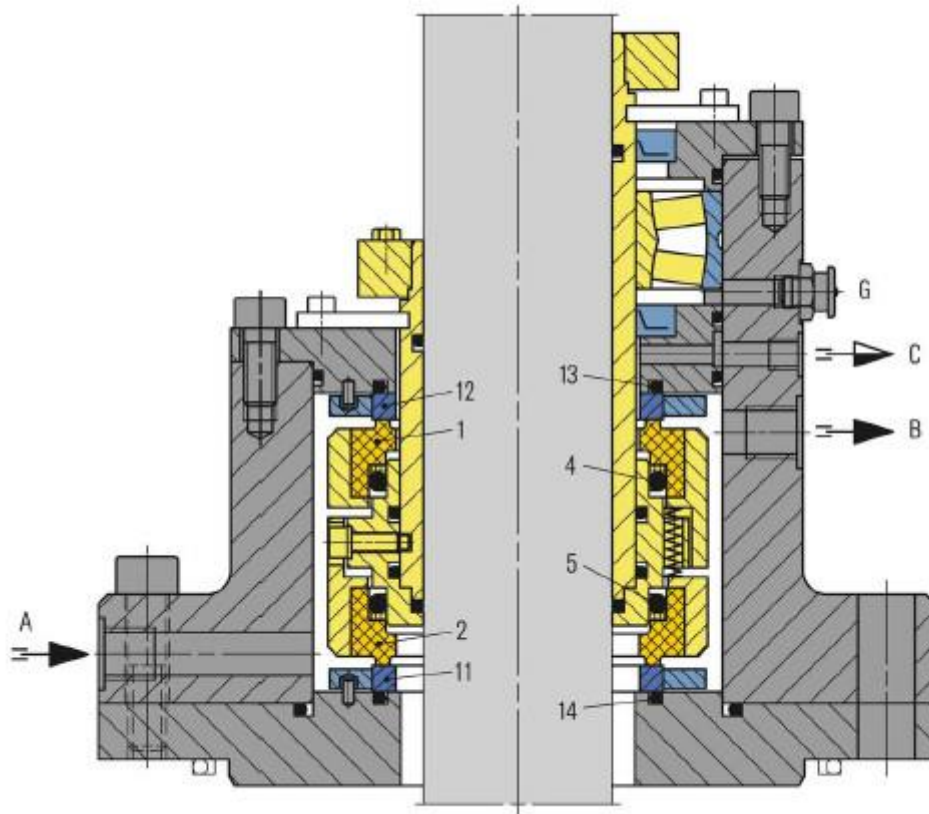
- Ready-to-fit and factory-tested unit
- With or without bearing available
- Patented hydrodynamic grooves
- Designed for high pressure range
- Connection dimensions to customers' requirements
- ATEX certification on request

Recommended applications

- Refining technology
- Petrochemical industry
- Chemical industry
- Pharmaceutical industry
- Reactors
- Agitators
- Special rotating equipment with top entry drive

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Item	Description
1	Seal face, atmosphere side
2	Seal face, product side
4,5,13,14	O-Ring
11	Seat, product side
12	Seat, atmosphere side