# HBrinker Mechanical Seal

Agitator seal Mechanical Seal HBSH-L





### Mechanical Seal HBSH-L

## **Operating range**

Shaft diameter: d1 = ... 500 mm ( ... 19.69")

Pressure: p1 = vacuum ... 60 bar (870 PSI)

Temperature: t1 = -40 °C ... +200 °C (-40 °F ... +392 °F)

Sliding velocity: vg = 0 ... 5 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 bottom 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
- High pressure seal for customerspecific solutions
- Floating throttle on product side for protection of the seal or for flush
- Connection dimensions to customers' requirements
- Self-closing on product side
- ATEX certification on request

#### **Recommended applications**

- Refining technology
- Petrochemical industry
- Chemical industry
- Pharmaceutical industry
- Agitators
- Reactors
- Dryers
- Mixers
- Filters
- Special rotating equipment with bottom entry drive

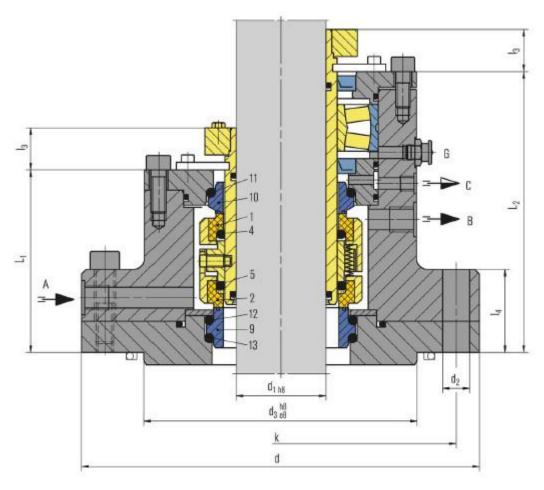


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Item	Description
1	Seal face, atmosphere side
2	Seal face, product side
4,5,13,14	O-Ring
11	Seat, product side
12	Seat, atmosphere side
30	Throttle ring



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