



Mechanical Seal HBTD1

Operating range

Shaft diameter: $d_3 = 40 \dots 200 \text{ mm}$ (1.57" ... 7.87")

Pressure: $p_1 = 16 \text{ bar}$ (232 PSI)

Temperature: $t = +100 \text{ }^\circ\text{C}$ (+212 $^\circ\text{F}$)

STD1

Materials

- Seal face: Carbon graphite, FDA conform
- Seat: Silicon carbide, FDA conform
- Secondary seals and metal parts according to application and customer's specifications.

Features

- If a STD is employed, it is possible to change seals with the vessel loaded and under pressure (shaft must be stationary!).
- Installation dimensions according to DIN 28138 Part 1 are possible. Material properties have to be taken into account.

Advantages

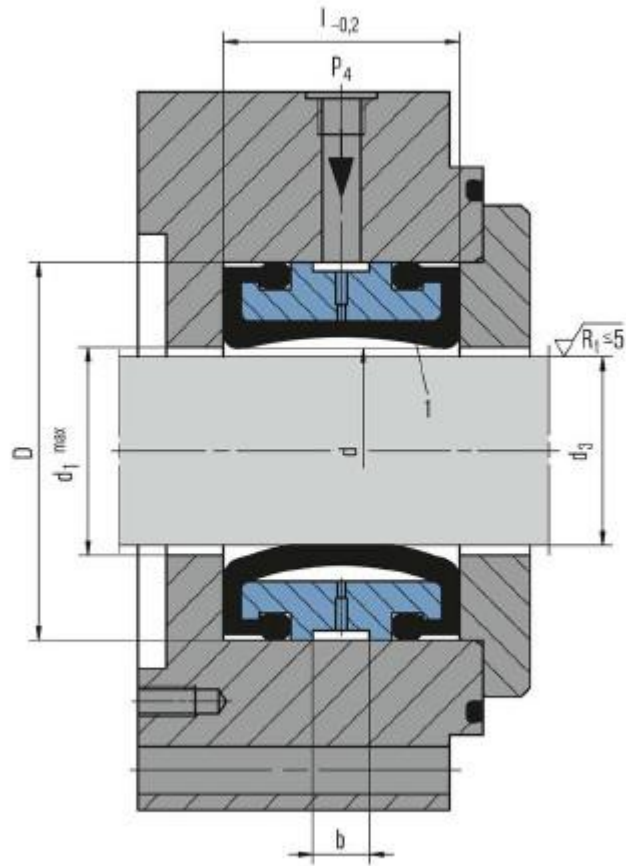
- Can be installed in each position.

Recommended applications

- Chemical industry
- Pharmaceutical industry
- Agitators

HBrinker Mechanical Seal

Agitator seal Mechanical Seal HBTD1



Dimension Table

d_3	d	d	d_1	l	b
40	76	42.5	42	38.0	8
50	84	52.5	52	38.0	8
60	95	62.5	62	44.5	10
80	118	82.5	82	45.0	10
100	138	102.5	102	45.0	10
125	160	127.5	127	45.0	10
140	180	143.5	143	50.0	12
160	200	163.5	163	50.0	12
180	215	183.5	183	50.0	12
200	240	203.5	203	50.0	12

