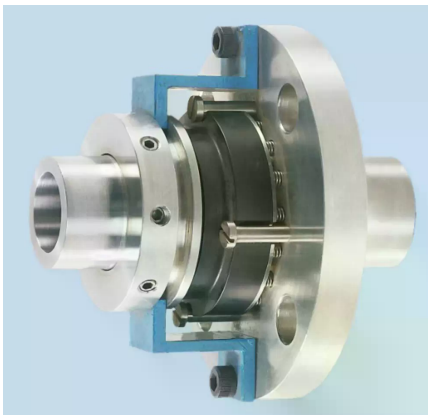


RELY ON EXCELLENCE

## Dry running seal AD5

Mechanical Seals | Agitator seals | Dry running seals



### Features

- Rotating multi-spring pusher seal
- Balanced
- Independent of direction of rotation
- Special face material Teflon® eliminates the contamination of media
- Ideally suited for pharmaceutical and food industry

### Advantages

- Over 35 years of running reference in the field
- Minimum seal face heat generation due to narrow seal cross section
- Very cost effective since lubrication/cooling system is not required
- Ease of installation and maintenance as simple in construction
- Minimise media contamination as seal is externally mounted

### Operating range

Shaft diameter:  $d = 20 \dots 100 \text{ mm}$  (1" ... 3.94")

Pressure:  $p = 5 \text{ torr} \dots 5 \text{ bar}$  (0.1 ... 72 PSI)

Temperature:

$t = -30 \text{ °C} \dots +175 \text{ °C}$  (-22 °F ... +347 °F)

Sliding velocity:  $v_g = 1 \text{ m/s}$  (3.3 ft/s)

Axial movement:  $\pm 0.3 \text{ mm}$

(Consult EB for applications outside above limits).

### Materials

Seal ring: Special Teflon®

Mating ring: Ceramic

Secondary seals: FKM, FFKM

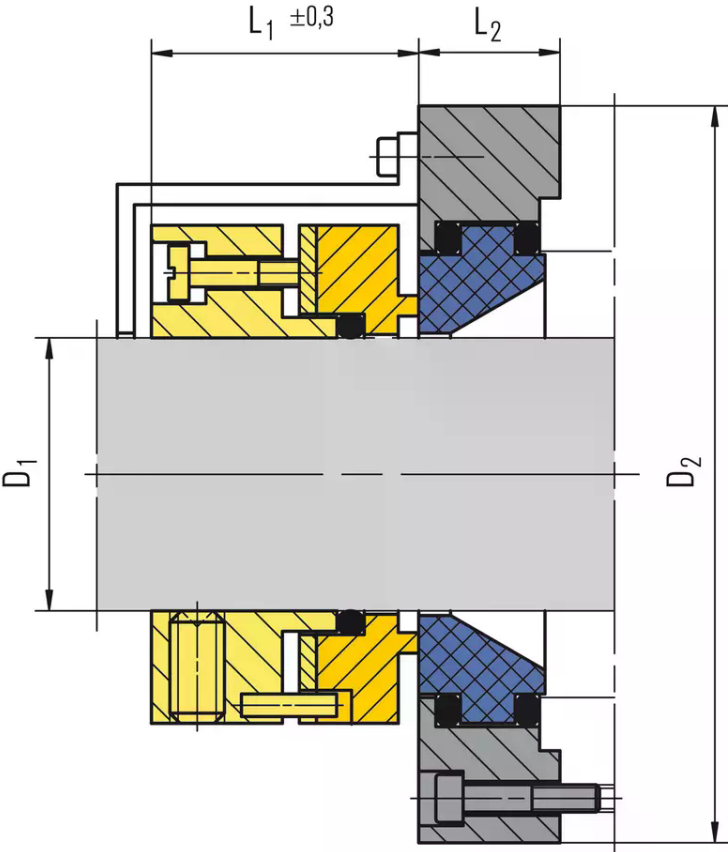
Springs: Hastelloy® C-4

Metal parts: SS 316, other materials on request. API Plans 02, 72 (Nitrogen purging)

### Recommended applications

- Process industry
- Oil and gas industry
- Refining technology
- Petrochemical industry
- Chemical industry
- Pharmaceutical industry
- Power plant technology
- Water and waste water technology
- Building services industry
- Food and beverage industry
- Sugar industry
- Horizontal and vertical pumps, agitators, mixers

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## Dimensions

Seal size	D1	D2	L1	L2
0020	20.0	90.0	44.0	24.0
0025	25.0	95.0	44.0	24.0
0030	30.0	100.0	44.0	24.0
0035	35.0	105.0	44.0	24.0
0040	40.0	120.0	47.0	26.0
0045	45.0	125.0	47.0	26.0
0050	50.0	130.0	47.0	26.0
0055	55.0	135.0	47.0	26.0
0060	60.0	145.0	51.0	28.0
0065	65.0	150.0	51.0	28.0
0070	70.0	155.0	51.0	30.0
0075	75.0	165.0	51.0	30.0
0080	80.0	178.0	57.0	31.0
0085	85.0	183.0	57.0	31.0
0090	90.0	188.0	57.0	31.0
0095	95.0	193.0	57.0	31.0
0100	100.0	198.0	57.0	31.0

Metric size