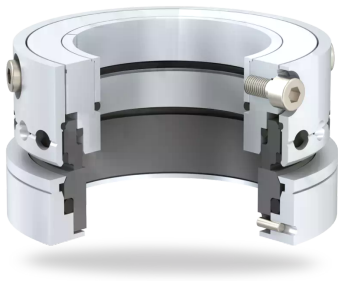


RELY ON EXCELLENCE

SeccoMix1-E32D

Mechanical Seals | Agitator seals | Dry running seals



Features

- Retrofit for JC Type 32
- Dry-running single seal
- For top entry drives, on request side drive possible
- Balanced
- Outbound
- Multiple springs rotating
- Independent of direction of rotation
- Available in metric and imperial sizes

Advantages

- Available as semi-cartridge
- No supply system required
- No product contamination with barrier fluid
- Low wear due to optimized seal face load
- Suitable for vacuum operation
- Friction-locked connection to the shaft
- ATEX certification available on request
- Inherently safe, even without temperature monitoring

Operating range

Shaft diameter (SI): $d_1 = 40 \dots 80 \text{ mm}$
 Shaft diameter (Imperial): $d_1 = 1.000'' \dots 2.000''$
 Pressure: $p_1 = \text{vacuum} \dots 6 \text{ bar (87 PSI)}$
 Temperature: $-20 \text{ }^\circ\text{C} \dots +200 (250^*) \text{ }^\circ\text{C}$
 ($-4 \text{ }^\circ\text{F} \dots +392 (482^*) \text{ }^\circ\text{F}$)
 Sliding velocity: $v_g = 0 \dots 2 \text{ m/s (0} \dots 6 \text{ ft/s)}$
 Axial movement: $\pm 1,5 \text{ mm}$
 Radial movement: $\pm 1,5 \text{ mm}$
 * with cooling flange

Applications outside of this area of use are available on request.

! It should be noted that the extremal values of each operating parameter cannot be applied at the same time because of their interaction.

Materials

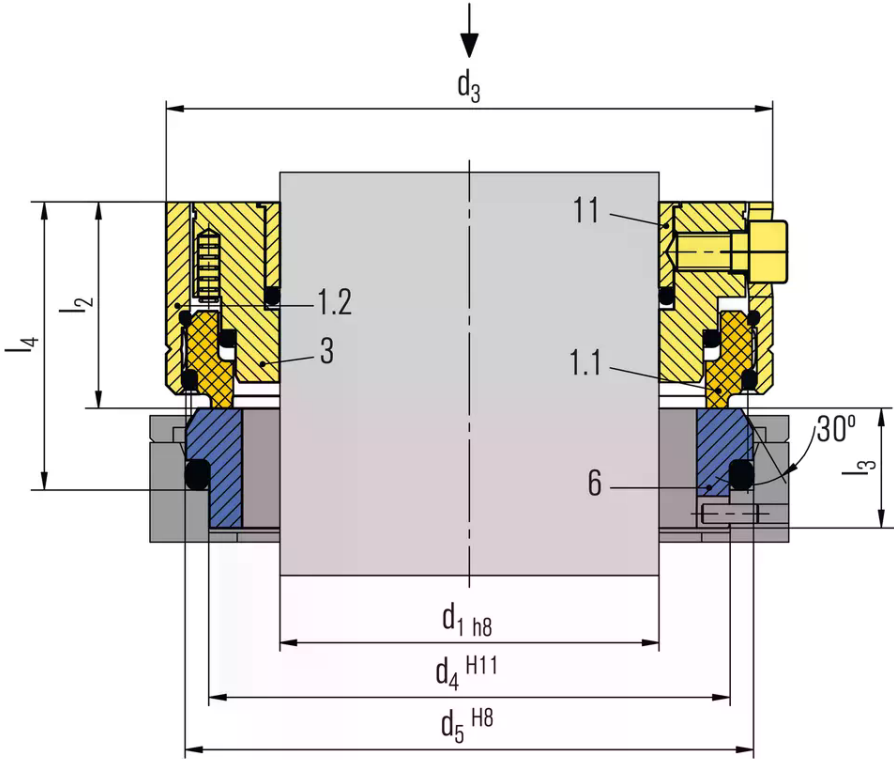
Seal face: Carbon graphite, FDA compliant
 Seat: Silicon carbide
 Secondary seals and metal parts according to application and customer's specifications.

Recommended applications

- Chemical industry
- Pharmaceutical industry
- Food and beverage industry
- Non-toxic media
- Agitators
- Mixers
- Reactors

RELY ON EXCELLENCE

- 1.1, 1.2 Seal face with face housing
- 3 Drive collar
- 6 Seat
- 11 Clamping ring



Dimensions

d1	d3	d4	d5	l2	l3	l4
40	83	65	73	40.5	23	55.3
45	88	70	78	40.5	23	55.5
50	98	81	90	40.5	26	58.5
60	103	83	92	43.5	26	61.5
80	128	110	120	43.5	25.2	60.7

SeccoMix 1-E32D - Dimensions in millimeter