EagleBurgmann
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RELY ON EXCELLENCE

ED560

Mechanical Seals | Mechanical seals for pumps | Elastomer bellow seals

Features

- Dual seal
- Good chemical resistance and ability to handle solids
- In-house manufactured sliding parts

Advantages

The ED560 is a dual seal in a back-to-back arrangement with an EA560 base. Therefore, the seal combines the advantages of the EA560 with the advantages of a dual seal.

Operating range

Shaft diameter:
d1 = 13 ... 50 mm (0.51" ... 1.96")
Pressure:
p1 = d ≤19 mm: 2 bar (29 PSI),
d ≥ 20 mm: 3 bar (44 PSI),
vacuum ... 0.1 bar (1.45 PSI)
Temperature:
t = -20 °C ... +70 °C (-4 °F ... 158 °F)
Sliding velocity: vg = 5 m/s (16 ft/s)
Axial movement: ±1.0 mm

Materials

Seal face: Carbon graphite resin impregnated (B), Silicon carbide (Q1, Q2)
Seat: Aluminium oxide (V), Silicon carbide (Q1, Q2)
Elastomer: NBR (P)
Metal parts: CrNi steel (F)

Recommended applications

- Water and waste water
- Glycols
- Oils
- Water and waste water technology
- Chemical industry
- Process industry
- Industrial pumps/equipment
- Submersible pumps
- Engine pumps
- Circulating pumps

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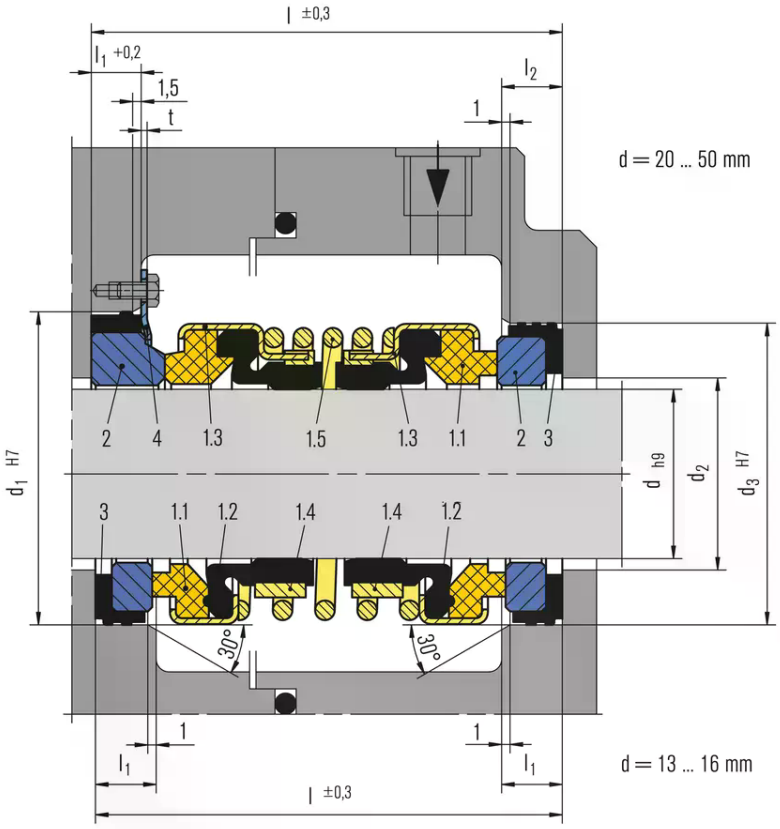

Item	Description
1.1	Seal face
1.2	Bellows
1.3	Spring collar
1.4	Drive collar
1.5	Spring
2	Seat
3	Corner sleeve
4	Washer

Installation, details, options

Dimensions

d	d_1	d_2	d_3	d_4	d_5	l	l_1	l_2	l_3
13	25	17	25	-	-	36	5	-	-
14	30	20	30	-	-	36	5	-	-
15	30	20	30	-	-	36	5	-	-
16	30	20	30	-	-	36	5	-	-
20	44	23	38	60	72	49	7	7	1.0
25	50	28	44	60	72	51	7	7	1.0
30	57	33	50	70	82	59	9	8	1.0
35	64	38	58	80	94	61	9	9	1.2
40	70	43	64	85	100	64.5	11	9	1.2
45	70	48	66	90	105	65	10	9	1.0
50	80	53	72	95	109	69.5	10	9	1.2

Dimensions in Millimeter