EagleBurgmann®
Rely on excellence

LA200

Features

- Single seal
- Unbalanced
- Independent of direction of rotation
- Rotating multiple springs

Advantages

- Fits to EN and ANSI seal chambers
- Optimized, narrow width seal face design
- Compact axial and radial dimensions

Operating range

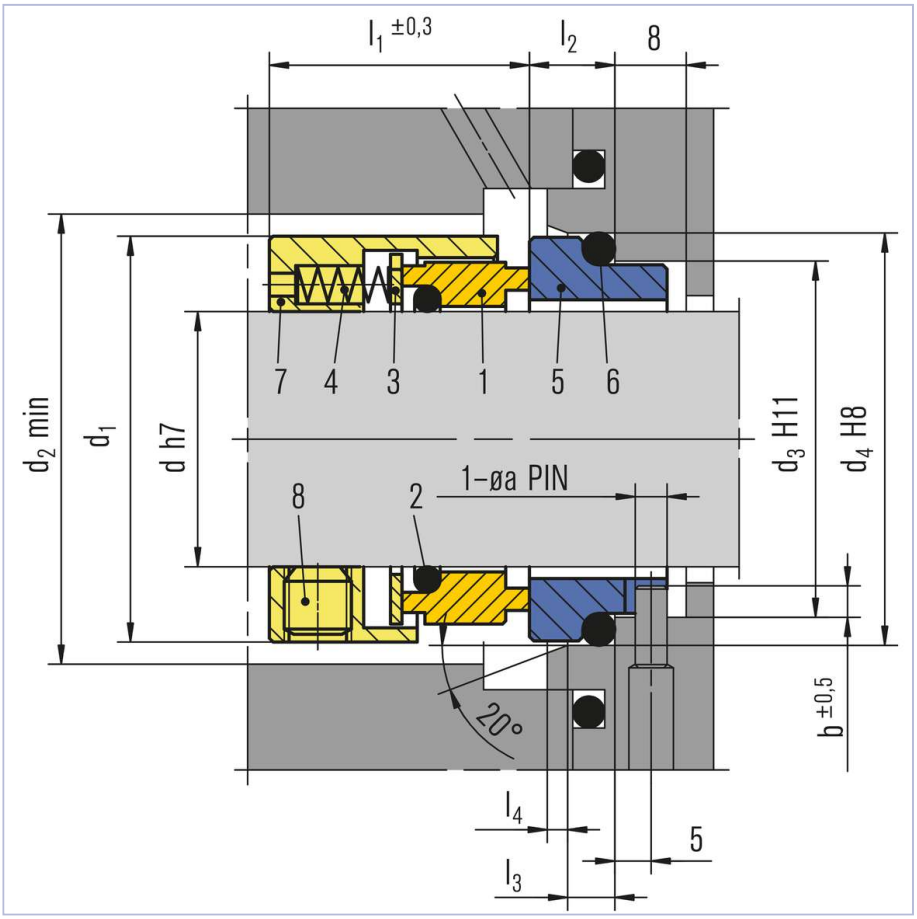
Pressure: p = vacuum … 12 bar (174 PSI)
Temperature:
t = -20 °C … 200 °C (-4 °F … 392 °F)
Sliding velocity: vg = 20 m/s (66 ft/s)
Viscosity: … 500 mPa·s
Solids content: … 0.5 %

Materials

Seal face:
Carbon graphite resin impregnated (B),
High density carbon graphite
Seat: Silicon carbide (Q1)
Secondary seals: FKM (V)
Metal parts: CrNiMo steel

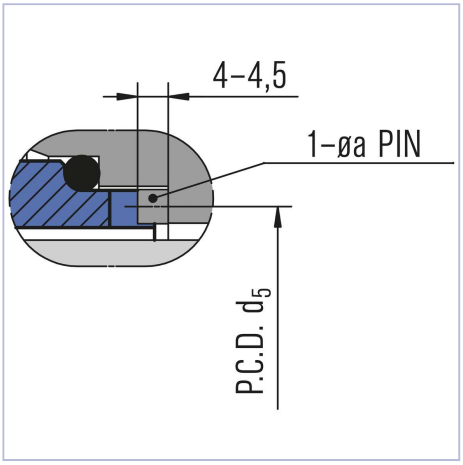
Recommended applications

- Chemical industry
- Refining technology
- Petrochemical industry
- Process industry
- Acids
- Alkaline solutions
- Salt solutions
- Low viscosity oils
- Monomers
- Hydrocarbons
- Water
- Seawater
- Process pumps



Item	Description
1	Seal face
2, 6	O-Ring
3	Thrust ring
4	Spring
5	Seat
7	Drive collar
8	Set screw

Installation, details, options



Alternative torque transmission

Dimensions

d	d_1	d_2	d_3	d_4	d_5	l	l_1	l_2	l_3	l_4	a	b
20	34	36	29	35	25.5	38.0	28	10.0	5.5	2.0	3	3.5
24	38	40	33	39	29.5	38.0	28	10.0	5.5	2.0	3	3.5
25	39	41	34	40	30.5	38.0	28	10.0	5.5	2.0	3	3.5
28	42	44	37	43	33.5	38.0	28	10.0	5.5	2.0	3	3.5
30	44	46	39	45	35.5	38.0	28	10.0	5.5	2.0	3	3.5
32	46	48	42	48	38.5	38.0	28	10.0	5.5	2.0	3	3.5
33	47	49	42	48	38.5	38.0	28	10.0	5.5	2.0	3	3.5
35	49	51	44	50	40.5	38.0	28	10.0	5.5	2.0	3	3.5
38	55	58	49	56	44.5	42.0	31	11.0	6.0	2.0	4	4.0
40	57	60	51	58	46.5	42.0	31	11.0	6.0	2.0	4	4.0
42	59	62	54	61	49.5	42.0	31	11.0	6.0	2.0	4	4.0
43	60	63	54	61	49.5	42.0	31	11.0	6.0	2.0	4	4.0
45	62	65	56	63	51.5	42.0	31	11.0	6.0	2.0	4	4.5
48	65	68	59	66	54.5	42.0	31	11.0	6.0	2.0	4	4.5
50	67	70	62	70	57.5	44.0	31	13.0	6.0	2.5	4	4.5
53	70	73	65	73	60.5	44.0	31	13.0	6.0	2.5	4	5.0
55	72	75	67	75	62.5	44.0	31	13.0	6.0	2.5	4	5.0
60	77	85	72	80	67.5	44.0	31	13.0	6.0	2.5	4	5.0
63	80	88	75	83	70.5	44.0	31	13.0	6.0	2.5	4	5.0
65	82	90	77	85	72.5	44.0	31	13.0	6.0	2.5	4	5.0
70	87	95	83	92	78.5	46.0	31	15.0	7.0	2.5	4	5.0
75	92	104	88	97	83.5	46.0	31	15.0	7.0	2.5	4	5.0
80	97	109	95	105	89.0	46.5	31	15.5	7.0	3.0	4	6.0
85	102	114	100	110	94.0	46.5	31	15.5	7.0	3.0	4	6.0
90	107	119	105	115	99.0	46.5	31	15.5	7.0	3.0	4	6.0
95	112	124	110	120	104.0	46.5	31	15.5	7.0	3.0	4	6.0
100	117	129	115	125	109.0	46.5	31	15.5	7.0	3.0	4	6.0

Dimensions in Millimeter