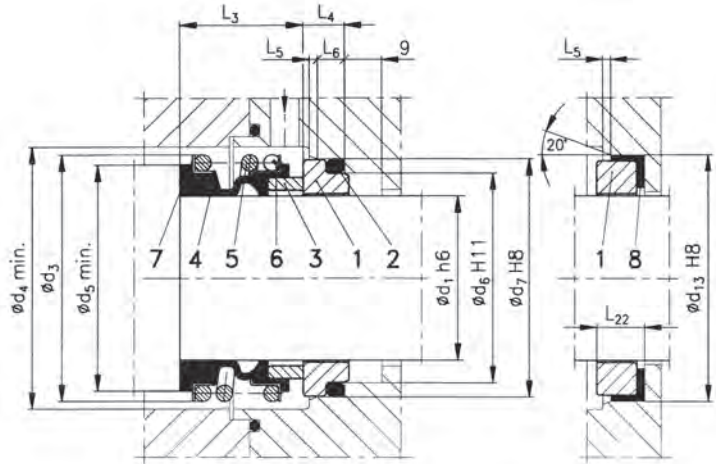


Operating limits*		
Pressure	p_{max}	1.0 MPa
Temperature	t_{max}	120 °C
Speed	v_{max}	10 m/s (3000 rpm)

* - see note on page 3.

- Single mechanical seal
- With rubber bellows
- Unbalanced
- Independent of the direction of shaft rotation
- Central spring



Dimensions (mm)

D1	D3	D4	D5	D6	D7	D13	L3*	L4	L5	L6	L22
10	22,5	24	20,5	17	21	24	14,5	6,5	1,5	4	8,5
12	24,5	26	22,5	19	23	26	15,0	6,5	1,5	4	8,5
13	28,5	30	26,5	21	25	28	17,0	6,5	1,5	4	8,5
14	28,5	30	26,5	21	25	28	17,0	6,5	1,5	4	8,5
15	28,5	30	26,5	23	26	30	17,0	6,5	1,5	4	8,5
16	28,5	30	26,5	23	27	32	17,0	6,5	1,5	4	8,5
18	32,0	33	29,0	27	33	35	19,5	7,5	2,0	5	9,5
19	35,0	38	31,0	28	34	35	20,0	7,5	2,0	5	9,5
20	36,0	38	33,0	29	35	38	21,5	7,5	2,0	5	9,5
22	36,0	38	33,0	31	37	38	21,5	7,5	2,0	5	9,5
24	41,5	44	38,0	33	39	42	22,5	7,5	2,0	5	9,5
25	41,5	44	38,0	34	40	42	23,0	7,5	2,0	5	9,5
26	41,5	44	38,0	34	40	42	23,0	7,5	2,0	5	9,5
28	47,0	50	43,0	37	43	46	26,5	8,5	2,0	5	9,5
30	47,0	50	44,0	39	45	48	26,5	8,5	2,0	5	9,5
32	50,5	55	46,0	42	48	54	27,5	8,5	2,0	5	9,5
33	50,5	55	46,0	42	48	54	27,5	8,5	2,0	5	9,5
35	55,0	59	50,0	44	50	54	28,5	8,5	2,0	5	9,5
38	58,5	61	53,0	49	56	57	30,0	8,5	2,0	6	12,0
40	60,5	64	55,0	51	58	60	30,0	8,5	2,0	6	12,0
43	63,0	67	58,0	54	61	64	30,0	8,5	2,0	6	12,0
45	68,0	70	60,0	56	63	64	30,0	8,5	2,0	6	12,0
48	71,5	74	63,0	59	66	66	30,5	8,5	2,0	6	12,0
50	72,5	77	65,0	62	70	70	30,5	11,0	2,5	6	12,5
53	78,0	81	70,0	65	73	73	33,0	11,0	2,5	6	12,5
55	78,5	83	72,0	67	75	75	35,0	11,0	2,5	6	12,5
58	83,5	88	75,0	70	78	80	37,0	11,0	2,5	6	12,5
60	86,5	91	79,0	72	80	80	38,0	11,0	2,5	6	12,5
65	93,0	96	84,0	77	85	90	40,0	11,0	2,5	6	12,5
68	96,0	100	88,0	81	90	90	40,0	11,0	2,5	7	12,5
70	98,0	103	90,0	83	92	95	40,0	11,0	2,5	7	14,5
75	103,0	110	95,0	88	97	100	40,0	11,0	2,5	7	14,5
80	110,0	116	100,0	95	105	105	40,0	14,0	3,0	7	16,0
85	116,0	124	107,0	100	110	-	41,0	14,0	3,0	7	16,0
95	132,0	136	119,0	110	120	-	46,0	14,0	3,0	7	16,0
100	137,0	140	124,0	115	125	-	47,0	14,0	3,0	7	16,0

* tolerance of L_3 dimension for $d_1 = 10 \div 30 \text{ mm} \pm 0.5 \text{ mm}$
 $d_1 = 32 \div 50 \text{ mm} \pm 0.8 \text{ mm}$
 $d_1 = 53 \div 100 \text{ mm} \pm 1.0 \text{ mm}$
 Other dimensions are available as an option. Please contact ANGA.

Legend

- | | |
|----------------------|----------------------|
| 1. Stationary ring | 5. Spring |
| 2. O-ring | 6. Front thrust ring |
| 3. Rotating ring | 7. Rear thrust ring |
| 4. Elastomer bellows | 8. L-shaped gasket |

Note

There is also A1G version with extended bellows available, adapted to the special conditions of installation.

Application

General purpose seal for use with water, oils, fuels and liquids containing low quantity of abrasive particles being handled in centrifugal pumps and other equipment actuated by rotating shafts.

Materials

Part	Code
Rotating ring	A, B, U, Q
Stationary ring	U2, Q, V, S
Secondary, flexible seals	E, P, S, V
Spring	G
Other metal parts	F, G