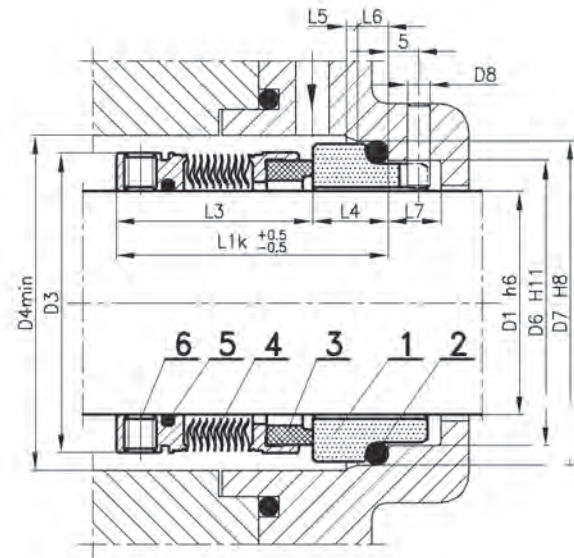


Operating limits*		
Pressure	$p_{max}$	1.0 MPa
Temperature	$t_{max}$	-50 °C ÷ 260 °C
Speed	$v_{max}$	20 m/s (4000 rpm)

\* - see note on page 3.

- Single mechanical seal
- With metal bellows
- Balanced
- Dual directional



## Dimensions (mm)

D1	D3	D4	D6	D7	D8	L3	L4	L5	L6	L7
22	37,0	38	31	37	3	27,5	11,5	2	5	9
25	37,0	38	34	40	3	30,0	11,5	2	5	9
28	42,8	44	37	43	3	32,5	11,5	2	5	9
30	43,0	46	39	45	3	32,5	11,5	2	5	9
32	43,0	46	42	48	3	32,5	11,5	2	5	9
33	49,2	51	42	48	3	32,5	11,5	2	5	9
35	49,2	51	44	50	3	32,5	11,5	2	5	9
38	49,4	54	49	56	4	34,0	14	2	6	9
40	55,5	60	51	58	4	34,0	14	2	6	9
43	58,7	63	54	61	4	34,0	14	2	6	9
45	58,7	63	56	63	4	34,0	14	2	6	9
50	65,1	70	62	70	4	34,5	15	2,5	6	9
55	71,4	75	67	75	4	34,5	15	2,5	6	9
60	74,6	80	72	80	4	39,5	15	2,5	6	9
65	84,1	90	77	85	4	39,5	15	2,5	6	9
70	87,3	93	83	92	4	44,7	17	2,5	7	9
75	92,1	98	88	97	4	44,7	17	2,5	7	9
80	98,4	104	95	105	4	44,3	17	3	7	9
85	104,8	110	100	110	4	44,3	17	3	7	9
90	108,0	113	105	115	4	49,3	17	3	7	9
95	114,3	120	110	120	4	49,3	17	3	7	9
100	120,7	126	115	125	4	49,3	17	3	7	9

Other dimensions are available as an option. Please contact ANGA.

## Legend

1. Stationary ring
2. O-ring
3. Rotating ring
4. Seal housing and metal bellows
5. O-ring
6. Set screw

## Application

Type E1 mechanical seals are intended for use in petrochemical, chemical, pharmaceutical and food processing industries, for process pumps and other equipment with rotating shaft. Recommended for high temperature mediums e.g. hot oils, pitch, tar and other hydrocarbons, fuels, liquid gases and other mediums with low content of abrasives.

## Materials

Part	Code
Rotating ring	A, B, Q
Stationary ring	Q, V
Secondary, flexible seals	P, E, K, V
Metal bellows	G, M
Other metal parts	G, M