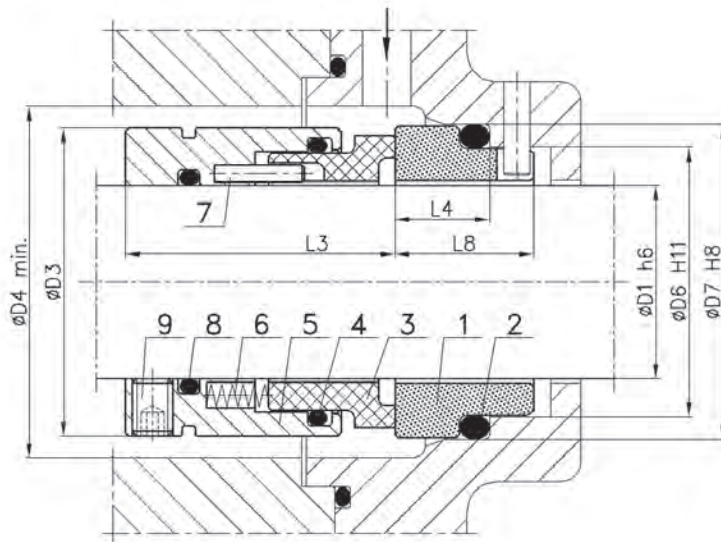


- Single mechanical seal
- Balanced
- Dual directional
- Multi-spring

Operating limits*		
Pressure	p_{max}	2.0 MPa
Temperature	t_{max}	200 °C
Speed	v_{max}	20 m/s (4000 rpm)

* - see note on page 3.



Legend

- | | |
|--------------------|--------------|
| 1. Stationary ring | 6. Springs |
| 2. O-ring | 7. Drive pin |
| 3. Rotating ring | 8. O-ring |
| 4. O-ring | 9. Set screw |
| 5. Seal housing | |

Application

This mechanical seal is designed for application in centrifugal pumps handling water, oils, poorly aggressive chemicals, mud and fluids containing solids and it is used mostly in petrochemical, chemical, pulp & paper, sugar industries and in wastewater treatment plants.

Materials

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

Dimensions (mm)

D1	D3	D4	D6	D7	L3*	L4	L8
24	38	40	33	39	38,5	11,5	18,0
25	39	41	34	40	38,5	11,5	18,0
28	42	44	37	43	38,5	11,5	18,0
30	44	46	39	45	38,5	11,5	18,0
32	46	48	42	48	38,5	11,5	18,0
33	47	49	42	48	38,5	11,5	18,0
35	49	51	44	50	38,5	11,5	18,0
38	54	58	49	56	41,0	14,0	20,5
40	56	60	51	58	41,0	14,0	20,5
43	59	63	54	61	42,5	14,0	20,5
45	61	65	56	63	42,5	14,0	20,5
48	64	68	59	66	42,5	14,0	20,5
50	66	70	62	70	45,0	15,0	21,5
53	69	73	65	73	45,0	15,0	21,5
55	71	75	67	75	45,0	15,0	21,5
58	78	83	70	78	50,0	15,0	21,5
60	80	85	72	80	50,0	15,0	21,5
63	83	88	75	83	50,0	15,0	21,5
65	85	90	77	85	50,0	15,0	21,5
68	88	93	81	90	50,0	15,0	21,5
70	90	95	83	92	57,0	17,0	23,0
75	99	104	88	97	57,0	17,0	23,0
80	104	109	95	105	62,0	17,0	23,2
85	109	114	100	110	62,0	17,0	23,2
90	114	119	105	115	62,0	17,0	23,2
95	119	124	110	120	62,0	17,0	23,2
100	124	129	115	125	62,0	17,0	23,2

* tolerance of L_3 dimension is ± 0.5 mm
Other dimensions are available as an option. Please contact ANGA.