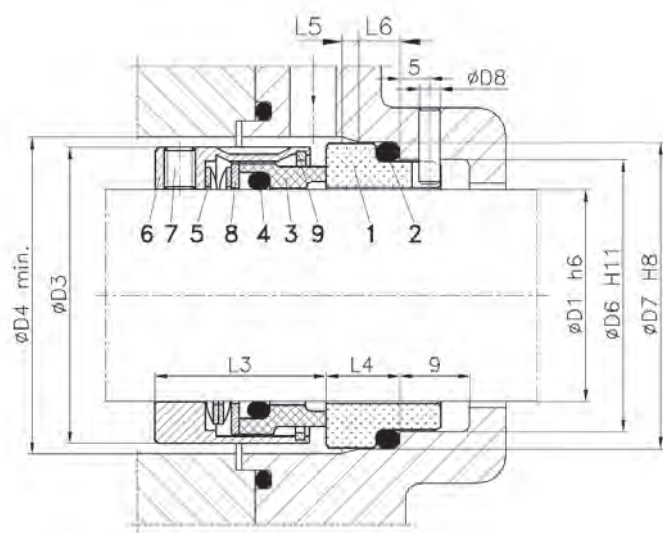


- Single mechanical seal
- Unbalanced
- Dual directional
- Wave spring



Operating limits*		
Pressure	p_{max}	1.0 MPa
Temperature	t_{max}	200 °C
Speed	v_{max}	20 m/s (4000 rpm)

* - see note on page 3.



Legend

- | | |
|--------------------|---------------------|
| 1. Stationary ring | 6. Seal housing |
| 2. O-ring | 7. Set screw |
| 3. Rotating ring | 8. Thrust plate |
| 4. O-ring | 9. Snap spring ring |
| 5. Wave spring | |

Application

General purpose VSK seal is recommended for clean mediums and with low content of abrasives.

It is designed for use with petrochemical products, poorly aggressive chemicals, and refrigerants in centrifugal pumps and other equipment with rotating shafts.

Materials

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

Dimensions (mm)

D1	D3	D4	D6	D7	D8	L3	L4	L5	L6
10	20	22	17	21	3	18	10.0	1.5	4
12	22	24	19	23	3	18	10.0	1.5	4
14	24	26	21	25	3	18	10.0	1.5	4
16	26	28	23	27	3	18	10.0	1.5	4
18	29	34	27	33	3	19	11.5	2.0	5
20	31	36	29	35	3	19	11.5	2.0	5
22	33	38	31	37	3	19	11.5	2.0	5
24	36	40	33	39	3	21	11.5	2.0	5
25	39	41	34	40	3	22	11.5	2.0	5
26	40	42	34	40	3	22	11.5	2.0	5
28	42	44	37	43	3	22	11.5	2.0	5
30	44	46	39	45	3	23	11.5	2.0	5
32	46	48	42	48	3	23	11.5	2.0	5
33	47	49	42	48	3	23	11.5	2.0	5
35	49	51	44	50	3	23	11.5	2.0	5
38	54	58	49	56	4	24	14.0	2.0	6
40	56	60	51	58	4	25	14.0	2.0	6
43	59	63	54	61	4	25	14.0	2.0	6
45	61	65	56	63	4	25	14.0	2.0	6
48	64	68	59	66	4	25	14.0	2.0	6
50	66	70	62	70	4	25	15.0	2.5	6
53	69	73	65	73	4	25	15.0	2.5	6
55	71	75	67	75	4	25	15.0	2.5	6
58	78	83	70	78	4	27	15.0	2.5	6
60	80	85	72	80	4	27	15.0	2.5	6
63	83	88	75	83	4	30	15.0	2.5	6
65	85	90	77	85	4	30	15.0	2.5	6

* tolerance of L_5 dimension is ± 0.5 mm
Other dimensions are available as an option. Please contact ANGA.