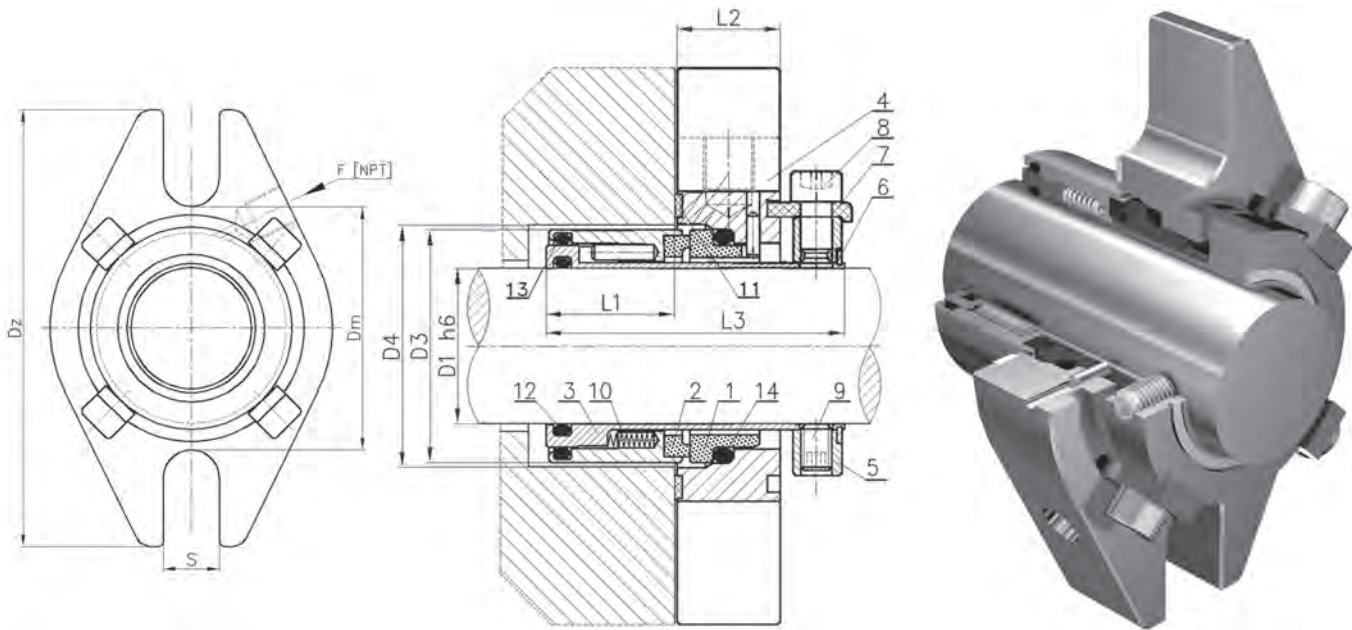


- Single mechanical seal
- Compact (cartridge) design
- Balanced
- Dual directional
- Multispring

Operating limits*		
Pressure	p_{max}	2.0 MPa
Temperature	t_{max}	-50°C ÷ 200°C
Speed	v_{max}	12.5 m/s

* - see note on page 3.



Legend

- | | |
|--------------------|-----------------|
| 1. Stationary ring | 8. Hex screw |
| 2. Rotating ring | 9. Set screw |
| 3. Sleeve | 10. Springs |
| 4. Cover | 11. Flat gasket |
| 5. Clamp ring | 12. O-ring |
| 6. Retaining ring | 13. O-ring |
| 7. Distance plate | 14. O-ring |

Application

This general purpose UST mechanical seal is designed for a wide range of applications in centrifugal pumps handling hot and cold water, oils, fuels, poorly aggressive chemicals and fluids with low content of abrasives.

Materials

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

Dimensions (mm)

D1	D3	D4min	D4max	Dm	Dz	L1	L2	L3	S	F
24	39.2	40	48	54	102	25.0	20.0	58	14	1/8
25	40.2	41	48	54	102	25.0	20.0	58	14	1/8
28	43.2	44	52	58	105	25.0	20.0	58	14	1/8
30	45.2	46	54	60	108	25.0	20.0	58	14	1/8
32	47.2	48	54	60	108	25.0	20.0	58	14	1/8
33	48.2	49	54	60	108	25.0	20.0	58	14	1/8
35	50.2	51	59	65	108	25.0	20.0	58	14	1/8
38	55.0	56	64	70	114	25.0	20.0	59	14	1/8
40	57.0	58	64	70	114	25.0	20.0	59	14	1/8
43	60.0	61	67	73	120	25.0	20.0	59	14	1/8
45	62.0	63	70	76	127	25.0	20.0	59	14	1/8
48	65.0	66	73	79	133	25.0	20.0	59	14	1/8
50	67.0	68	73	79	133	25.0	20.0	59	14	1/8
53	70.0	71	76	83	140	26.0	20.0	60	18	1/8
55	72.5	74.5	80	86	146	26.0	20.0	60	18	1/8
58	75.0	77	86	92	165	26.0	20.0	60	22	1/8
60	77.0	79	86	92	165	27.0	20.0	61	22	1/8
63	81.0	83	102	108	178	25.5	25.0	64	22	1/4
65	86.0	88	102	108	178	25.5	25.0	64	22	1/4
68	90.0	92	102	108	178	25.5	25.0	64	22	1/4
70	90.0	92	102	108	178	25.5	25.0	64	22	1/4
75	96.0	98	118	124	190	25.5	25.0	64	22	1/4
80	100.5	102	118	124	190	25.5	25.0	64	22	1/4

* tolerance of L_1 dimension is ± 0.5 mm
Other dimensions are available as an option. Please contact ANGA.