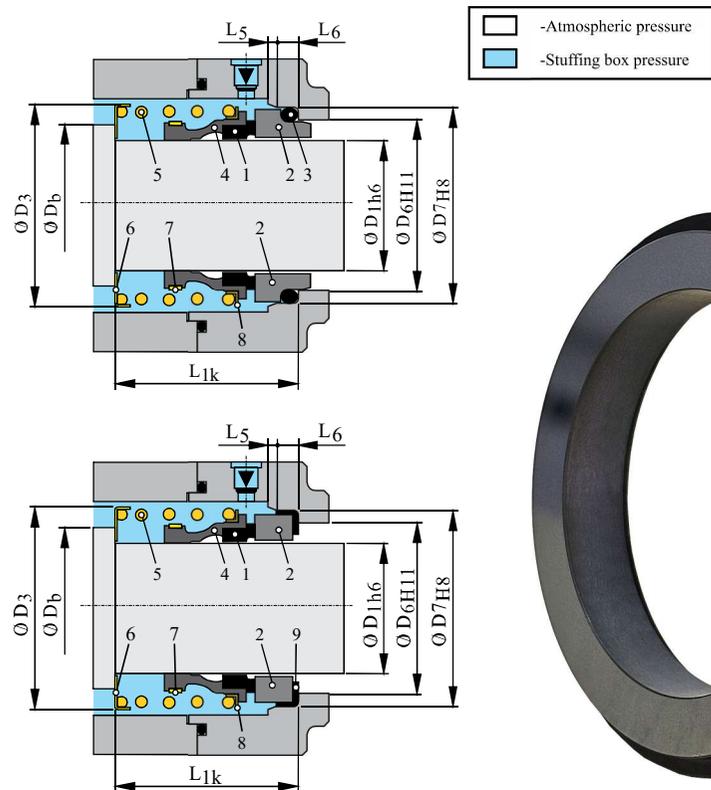


Type V2M

Elastomer bellow unbalanced mechanical seal Independent of the shaft rotating direction



PRODUCT DESCRIPTION

Extremely short rubber bellows with a long compression ratio of the single coil spring compensate for play and differences in working length. The rotary part is extremely flexible and suitable for most applications, and the sole mechanical seal is easily mounted. This makes it suitable for long periods of continuous operation.

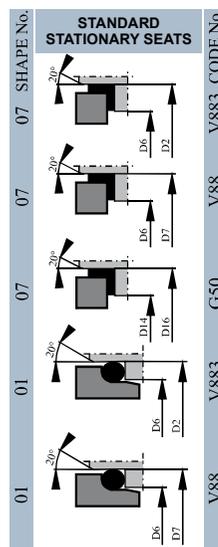
APPLICATION



Item	Description
1.	Rotary seal ring
2.	Stationary seat
3.	Secondary seal
4.	Rubber bellows
5.	Spring
6.	Spring collar
7.	Ring
8.	Spring collar
9.	Secondary seal

LIMITING FACTORS

D1= 14... 80
mm
p1= 10 bar



Type V2M

Dimension Table & Technical Information

WORKING CONDITION

Mechanical seal type V2M is designed for light working conditions, with pressure up to 10 bar ($p = 10 \text{ bar}$) and temperatures ranging from -40°C to $+204^\circ\text{C}$ ($t = -40^\circ\text{C} \sim +204^\circ\text{C}$). These seals are especially suitable for the following media: cold and hot water (up to 130°C), demineralized water, wastewater, beer, beer mash, malt, milk and dairy products, juice and natural juice, mild acids, mild alkalis (bases), and ammonia (NH_3).

DESIGN AND CONSTRUCTIVE CHARACTERISTICS

Extremely short rubber bellows with long compression ratio of the single coil spring compensates play and the differences in the working length. It can be built into both DIN 24960 standard (EN 12756) and shorter, also longer measurements out of DIN 24960. The rotary part is extremely flexible, and suitable for most applications, and the sole mechanical seal is mounted easily.

D1	L1k	D7	D2	D16	D14	D3*	D6	L5	L6	Db
16	24 - 40	27	28,0	30,95	17,0	31,0	23	1,5	4	21
18	26 - 45	33	30,0	34,15	20,0	33,8	27	2,0	5	23
20	26 - 45	35	35,0	35,70	21,5	36,4	29	2,0	5	26
22	28 - 45	37	35,0	37,30	23,0	38,4	31	2,0	5	28
24	29 - 50	39	38,0	40,50	26,5	40,7	33	2,0	5	30
25	29 - 50	40	38,0	40,50	26,5	40,7	34	2,0	5	31
26	29 - 50	-	40,0	-	-	41	-	2,0	5	32
28	31,5 - 50	43	42,0	47,65	29,5	45,6	37	2,0	5	35
30	31,5 - 50	45	45,0	50,80	32,5	46,3	39	2,0	5	37
32	32,5 - 55	48	48,0	50,80	32,5	49,4	42	2,0	5	39
33	32,5 - 55	48	-	54,00	36,5	50,4	42	2,0	5	40
35	33 - 55	50	52,0	54,00	36,5	52,8	44	2,0	5	43
38	35,5 - 55	56	55,0	57,15	39,5	57,9	49	2,0	6	45
40	37 - 55	58	58,0	60,35	42,5	61	51	2,0	6	49
42	37 - 55	-	62,0	-	-	63,5	-	2,0	6	52
43	37 - 60	61	-	63,50	46,0	63,5	54	2,0	6	52
45	37 - 60	63	64,0	63,50	46,0	65,9	56	2,0	6	55
48	38 - 60	66	68,4	66,70	49,0	67,7	59	2,0	6	58
50	38 - 60	70	69,3	69,85	52,0	70,9	62	2,5	6	61
53	39 - 70	73	-	73,05	55,5	74,2	65	2,5	6	64
55	39,5 - 70	75	75,4	76,20	58,5	77,3	67	2,5	6	66
58	41 - 70	78	78,4	79,40	61,5	84,1	70	2,5	6	69
60	44 - 70	80	80,4	79,40	61,5	86,9	72	2,5	6	71
63	44 - 70	83	-	-	-	88	75	2,5	6	74
65	44 - 80	85	85,4	92,10	68,0	91,9	77	2,5	6	77
68	44 - 80	90	91,5	95,25	71,0	94,9	81	2,5	7	80
70	44 - 80	92	92,0	95,25	71,0	98,1	83	2,5	7	83
75	44 - 80	97	99,0	101,6	77,5	104,6	88	2,5	7	88
80	44 - 90	105	104,0	114,3	84,0	111,8	95	3,0	7	93

* Stared columns values do not meet DIN24960 (EN 12756) standard