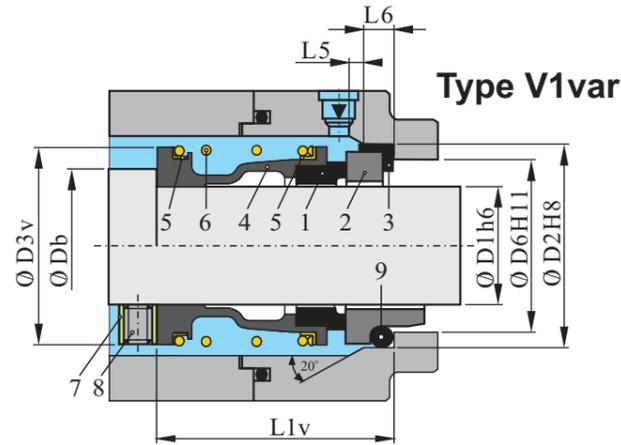
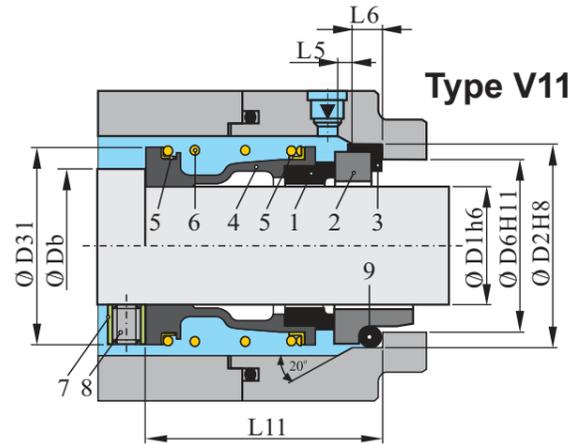
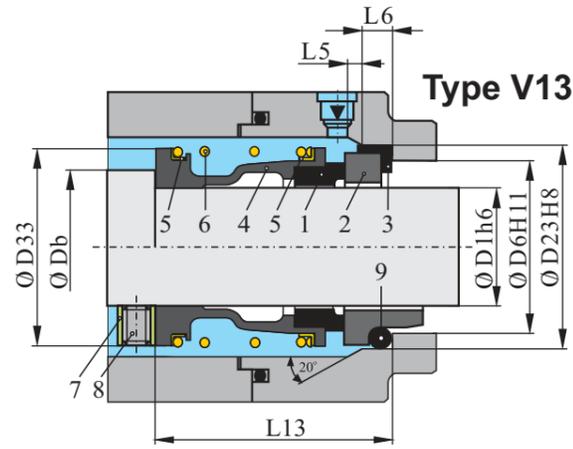
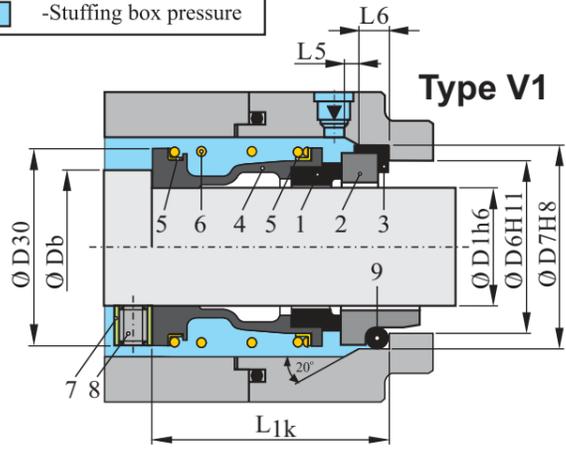


Type V1

Elastomer bellow unbalanced mechanical seal Independent of the shaft rotating direction

-Atmospheric pressure
 -Stuffing box pressure



Type V1

Dimension Table & Technical Information

D1	Lr	L1k	L1v	L13	L11	D7	D2	D23	D21	D3	D16	D6
14	17	23,6	24	22,6	-	25	25	-	-	-	30,95	20
15	17	-	24	23,6	-	-	25	-	-	-	30,95	20,5
16	17	23,6	23	24,5	-	27	31,75	28	-	31	30,95	26
18	19,5	27	-	27,5	-	33	33	30	-	33	34,15	27
19	21,5	-	31,5	-	-	-	35	35	-	37	34,15	29
20	21,5	29	-	29	-	35	35	35	-	37	35,7	29
22	21,5	29	-	29	-	37	-	35	-	38	37,3	31
24	22,5	30	-	30	-	39	-	38	-	39	40,5	33
25	23	30,5	-	30,5	-	40	-	38	-	41	40,5	34
28	26,5	34	-	35,5	38,5	43	-	42	51	46	47,65	37
30	26,5	34	-	37	39,5	45	-	45	50,8	47	50,8	39
32	27,5	35	-	38	-	48	-	48	-	49	50,8	42
33	27,5	35	-	38,5	-	48	-	-	-	50	54	42
35	28,5	36	-	39,5	-	50	-	52	-	52,5	54	44
38	30	39	-	40,3	-	56	-	55	-	59	57,15	49
40	30	39	-	40,8	-	58	-	58	-	62	60,35	51
42	30	-	-	42	-	-	-	62	-	-	63,5	53,3
43	30	39	-	42	-	61	-	-	-	62	63,5	54
45	30	39	-	41,6	-	63	-	64	-	65	63,5	56
48	30,5	39,5	-	42,1	-	66	-	68,4	-	66	66,7	59
50	30,5	40	-	42,1	-	70	-	69,3	-	70,5	69,85	62
53	33	44	-	45,3	54,5	73	-	-	-	72	73,05	65
55	35	46	-	48,3	-	75	-	75,4	76	75	76,2	67
58	37	48	-	50,3	-	78	-	78,4	-	81	79,4	70
60	38	49	-	51,3	-	80	-	80,4	-	81	79,4	72
65	40	51	-	53	-	85	-	85,4	-	90	92,1	77
68	40	51,3	-	53,7	-	90	-	91,5	-	93	95,25	81
70	40	51,3	-	53	-	92	-	92	-	95	95,25	83
75	40	51,3	-	54	-	97	-	99	-	102	101,6	88
80	40	52	-	55	-	105	-	104	-	109	114,3	95
85	41	55	-	55,8	-	110	-	109	-	114	117,5	-
90	45	59	-	59,8	-	115	-	114	-	119	123,85	-
95	46	60	-	61,8	-	120	-	120,3	-	-	127	-
100	47	61	-	62,8	-	125	-	123,3	-	136	133,35	-

PRODUCT DESCRIPTION

The flexible rubber bellows design provides full flexibility, compensating for possible axial shaft play. The long compression ratio of the rubber bellows and the spring allows for errors in the mechanical seal's working length. It protects the shaft from sedimentation and dirt. This makes it suitable for long periods of continuous operation.

WORKING CONDITIONS

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), heavy oil and ammonia (NH_3).

APPLICATION



Item	Description
1.	Rotary seal ring
2.	Stationary seat
3.	Secondary seal
4.	Rubber bellows
5.	Fixing and driving ring
6.	Spring
7.	Support ring
8.	Fixing screw
9.	Secondary seal

LIMITING FACTORS

$D1 = 14 \dots 100 \text{ mm}$
 $p1 = 10 \text{ bar}$
 $t = -40^\circ \dots 204^\circ\text{C}$
 $Vg = 10 \text{ m/s}$
 $pV = 90 \text{ bar m/s}$

