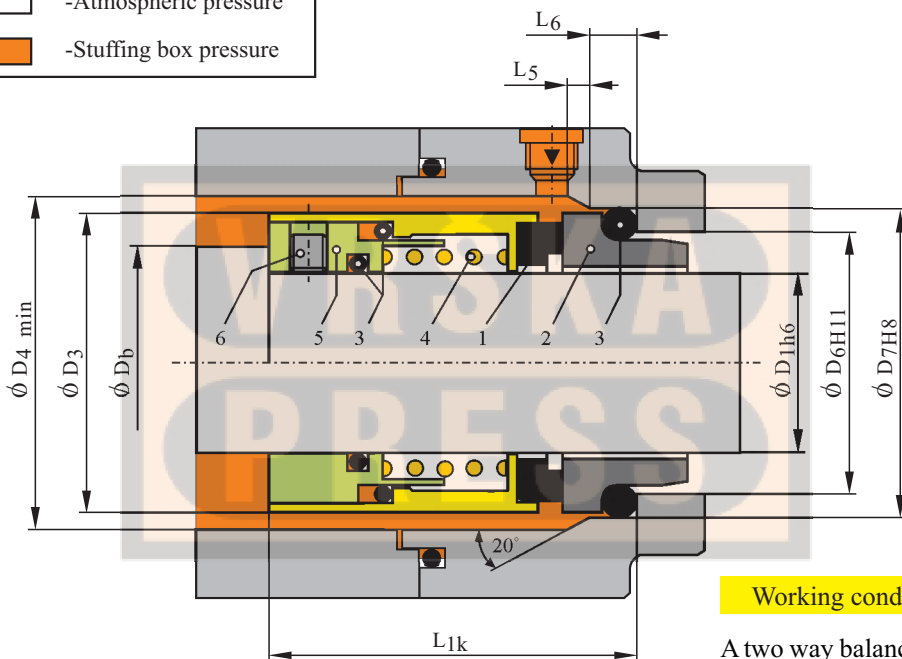
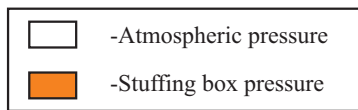


# V10V

Single, Two way, Balanced mechanical seal  
Independent of the shaft rotating direction



### LIMITING FACTORS

- D1 = 20...80 mm
- p1 = -1...25 bar
- t = -40...204°C
- Vg = 20 m/s
- pV = 500 bar m/s

### LIST OF ELEMENTS

1. Rotary seal ring
2. Stationary seat
3. Secondary seal
4. Spring
5. Housing
6. Fixing screw

### Working conditions

A two way balanced mechanical seal for the full vacuum and pressure up to 25 bar. Temperature range -40 to 204°C it is suitable for hard working conditions with all kinds of fluids, especially for abrasive and dirty fluids. Its design with no pockets in which the fluid contamination takes place. It is recommended for the food industry, requiring strict hygienic working conditions.



DIN 24960 DIMENSION TABLE								
D1	L1K	D7	D3*	D4*	D6	L5	L6	Db
20	37,5	35	38,5	40,5	29	2,0	5	26
22	37,5	37	39	41	31	2,0	5	28
24	40,0	39	40	42	33	2,0	5	30
25	40,0	40	43	45	34	2,0	5	31
28	42,5	43	45	47	37	2,0	5	35
30	42,5	45	50	52	39	2,0	5	37
32	42,5	48	53,5	55,5	42	2,0	5	39
33	42,5	48	53,5	55,5	42	2,0	5	40
35	42,5	50	56	58	44	2,0	5	43
38	45,0	56	59	63	49	2,0	6	45
40	45,0	58	60,5	64,5	51	2,0	6	49
43	45,0	61	65	69	54	2,0	6	52
45	45,0	63	67,5	71,5	56	2,0	6	55
48	45,0	66	72	76	59	2,0	6	58
50	47,5	70	77	81	62	2,5	6	61
53	47,5	73	78	82	65	2,5	6	64
55	47,5	75	81,5	85,5	67	2,5	6	66
58	52,5	78	83,5	88,5	70	2,5	6	69
60	52,5	80	87	92	72	2,5	6	71
63	52,5	83	88	93	75	2,5	6	74
65	52,5	85	94	99	77	2,5	6	77
70	60,0	92	104	109	83	2,5	7	83
75	60,0	97	109,5	114,5	88	2,5	7	88
80	60,0	105	114	119	95	3,0	7	93

\* Stared columns do not meet the DIN 24960 (EN 12756) standard

### Design and constructive characteristics

It has positive balanced closing in all working conditions from the full vacuum to the full pressure. The inside of the mechanical seal is protected due to its closed design. During the soft sliding face wear out, the dynamic O-ring gets away from the sediment occurring with abrasive and dirty media, so there is no blocking attempt on the mechanical seal.