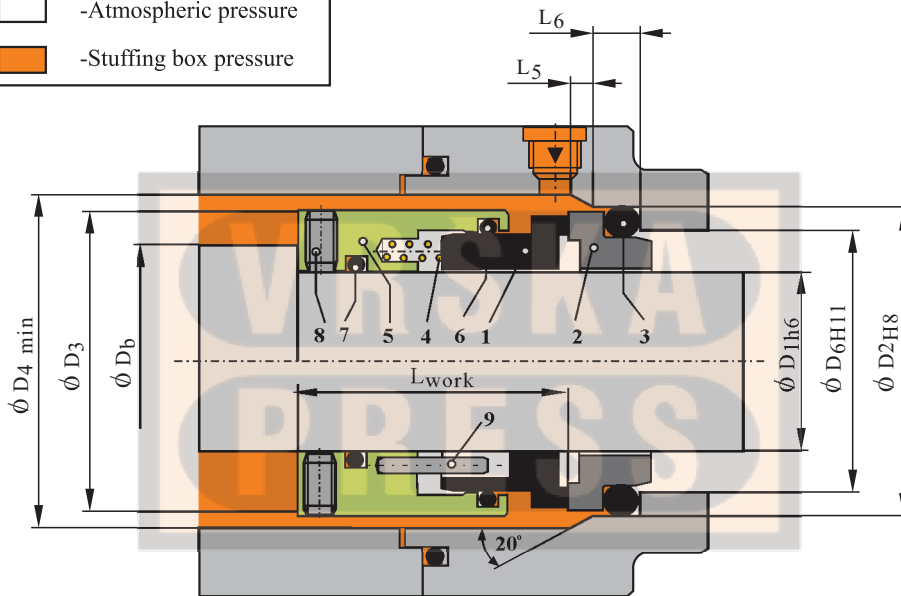
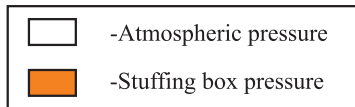


## Single, Inner, Balanced mechanical seal Independent of the shaft rotating direction



### LIMITING FACTORS

D1 = 25 ...80 mm  
 p1 = 25(40) 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. Secondary seal
7. Secondary seal
8. Fixing screw
9. Pin

### Working conditions

An inner, balanced seal which easily endures both easy and extremely hard industrial conditions. It is resistant to temperature, high pressures, abrasive, sticky, crystallizing and corrosive media. Temperature range: -40° to 204°C, Pressure: up to 25 (40) bar.

### Design and constructive characteristics

Suitable for application at places with a possibility of the mechanical seal axial blocking, due to sticky, abrasive and crystallizing particles influence. As for the design, the spring is fully protected from the fluid influence, the elastomers are always sliding over a clean surface. The heat removal problem is solved by the mechanical seal being balanced, which enables its reliable work and long life in extreme industrial conditions.

### DIMENSION TABLE

D1	L <sub>work</sub>	D7	D3	D4	D6	L5	L6	Db
25	35,0	40	40	42	34	2,0	5	31
28	37,5	43	45,5	46,5	37	2,0	5	35
30	37,5	45	48	49	39	2,0	5	37
32	37,5	48	51	52	42	2,0	5	39
33	37,5	48	51	53	42	2,0	5	40
35	37,5	50	53	54	44	2,0	5	43
38	40,0	56	59	60	49	2,0	6	45
40	40,0	58	61,5	63	51	2,0	6	49
43	40,0	61	64,5	66	54	2,0	6	52
45	40,0	63	66,5	69	56	2,0	6	55
48	40,0	66	69,5	72	59	2,0	6	58
50	42,5	70	73	74	62	2,5	6	61
53	42,5	73	76,5	77	65	2,5	6	64
55	42,5	75	78	79	67	2,5	6	66
58	47,5	78	81	83	70	2,5	6	69
60	47,5	80	83,5	88,5	72	2,5	6	71
63	47,5	83	87,5	91,5	75	2,5	6	74
65	47,5	85	88,5	92,5	77	2,5	6	77
68	47,5	90	95	98	81	2,5	7	80
70	52,5	92	94,5	100	83	2,5	7	83
75	52,5	97	99,5	105,5	88	2,5	7	88
80	52,5	105	104,5	113,5	95	3,0	7	93

