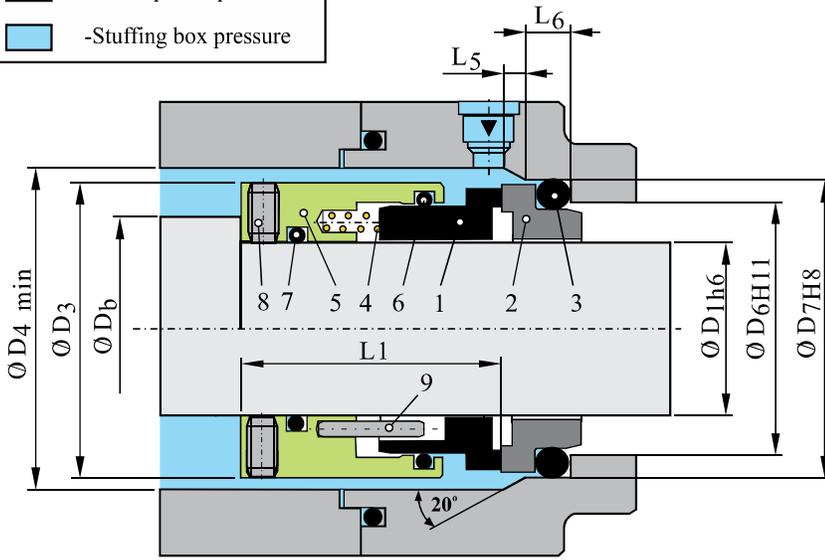
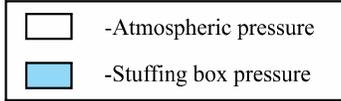


Type V14M

Single, O-ring pusher, Inner, Balanced mechanical seal Independent of the shaft rotating direction



D1	L1	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

PRODUCT DESCRIPTION

Suitable for applications where there is a risk of axial blocking of the mechanical seal due to the influence of sticky, abrasive, and crystallizing particles. The spring is fully protected from fluid exposure by the design, and the elastomers always slide over a clean surface. The heat removal issue is solved by the balanced design of the mechanical seal, which enables reliable operation and long service life in extreme industrial conditions.

WORKING CONDITIONS

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

APPLICATION

General	Pulp and paper
Food industry	Petrochemical
Pharmaceutical	Sugar industry
Fertiliser	Water treatment

Item	Description
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

LIMITING FACTORS

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

