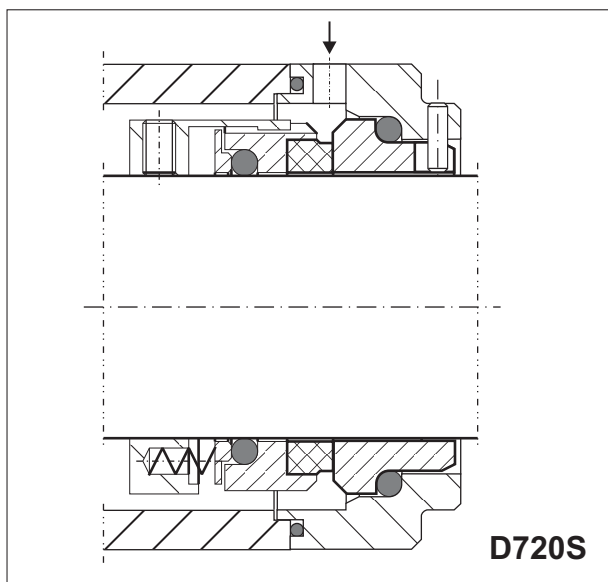
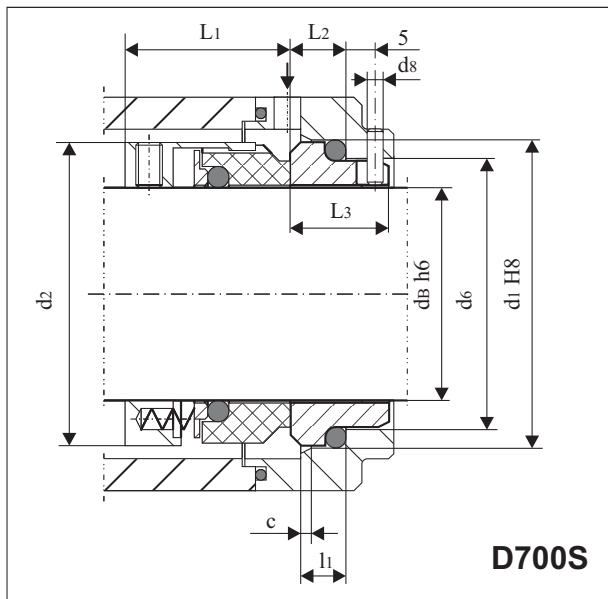


Multiple hidden springs construction, unbalanced, not dependant on the direction of rotation. The stationary ring is locked with pin



SINGLE
MECHANICAL
SEAL

type

D7__S
D7__SP

MOUNTING DIMENSIONS ACCORDING
DIN 24 960

OPERATING PARAMETERS

Pressure:	P = 2,5 MPa
Temperature:	t = 180 °C
Slide Speed:	Vn = 20 m/s
	D777S Vn = 10 m/s

DESIGN'S CHARACTERISTICS

1. Face materials:

- Graphite;
- Ceramic;
- Tungsten Carbide;
- Silicon Carbide.

2. Secondary seals materials:

- NBR – till T = 90 °C (gasoline, oil);
- EPDM – till T = 120 °C (water, steam);
- FPM – Viton – till T = 220 °C (oil, aggressive solutions);
- PTFE – Teflon – till T = 240°C (high aggressive solutions).

3. All metal parts are from special stainless steel.

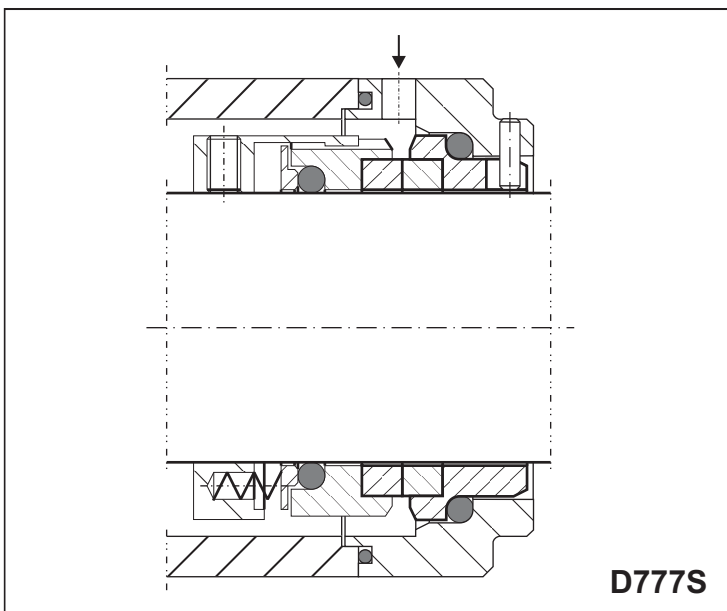
Mechanical seals - D7__S and D7__SP

MAIN DIMENSIONS (mm)

dB	d1	d2	d6	L1	L2	L3	l1	C	d8
18	33	33	27	26,0	11,5	19,5	7,0	2,0	3
20	35	35	29	26,0	11,5	19,5	7,0	2,0	3
22	37	37	31	26,0	11,5	19,5	7,0	2,0	3
24	39	39	33	28,5	11,5	19,5	7,0	2,0	3
25	40	40	34	28,5	11,5	19,5	7,0	2,0	3
28	43	43	37	31,0	11,5	19,5	7,0	2,0	3
30	45	45	39	31,0	11,5	19,5	7,0	2,0	3
32	48	47	42	31,0	11,5	19,5	7,0	2,0	3
33	48	48	42	31,0	11,5	19,5	7,0	2,0	3
35	50	50	44	31,0	11,5	19,5	7,0	2,0	3
38	56	55	49	31,0	14,0	22,0	8,0	2,0	4
40	58	57	51	31,0	14,0	22,0	8,0	2,0	4
43	61	60	54	31,0	14,0	22,0	8,0	2,0	4
45	63	62	56	31,0	14,0	22,0	8,0	2,0	4
48	66	65	59	31,0	14,0	22,0	8,0	2,0	4
50	70	67	62	32,5	15,0	22,5	8,5	2,5	4
53	73	70	65	32,5	15,0	22,5	8,5	2,5	4
55	75	72	67	32,5	15,0	22,5	8,5	2,5	4
58	78	79	70	37,5	15,0	22,5	8,5	2,5	4
60	80	81	72	37,5	15,0	22,5	8,5	2,5	4
63	83	84	75	37,5	15,0	22,5	8,5	2,5	4
65	85	86	77	37,5	15,0	22,5	8,5	2,5	4
68	90	89	81	37,5	18,0	25,5	9,5	2,5	4
70	92	91	83	42,0	18,0	25,5	9,5	2,5	4
75	97	99	88	42,0	18,0	25,5	9,5	2,5	4
80	105	104	95	41,8	18,2	25,5	10,0	3,0	4
85	110	109	100	41,8	18,2	25,5	10,0	3,0	4
90	115	114	105	46,8	18,2	25,5	10,0	3,0	4
95	120	119	110	47,8	17,2	24,5	10,0	3,0	4
100	125	124	115	47,8	17,2	24,5	10,0	3,0	4

REMARKS:

1. Tolerances of L1 = +/- 0,5 mm.
2. The seals type D72S and D77S are made for shaft $d \geq 50$ mm.



The mechanical seals are made in different kinds: D707S, D727S, D770S