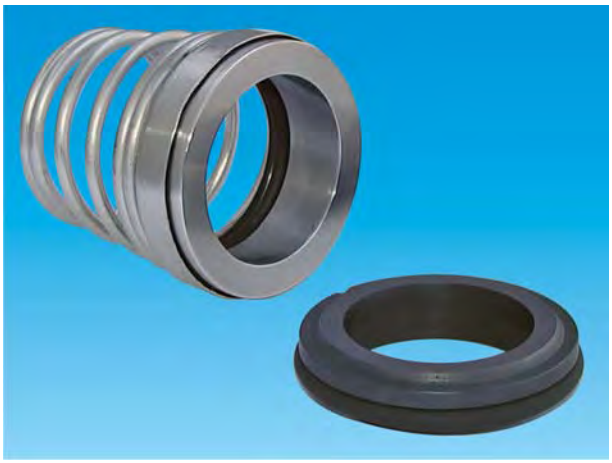


SINGLE
MECHANICAL
SEAL

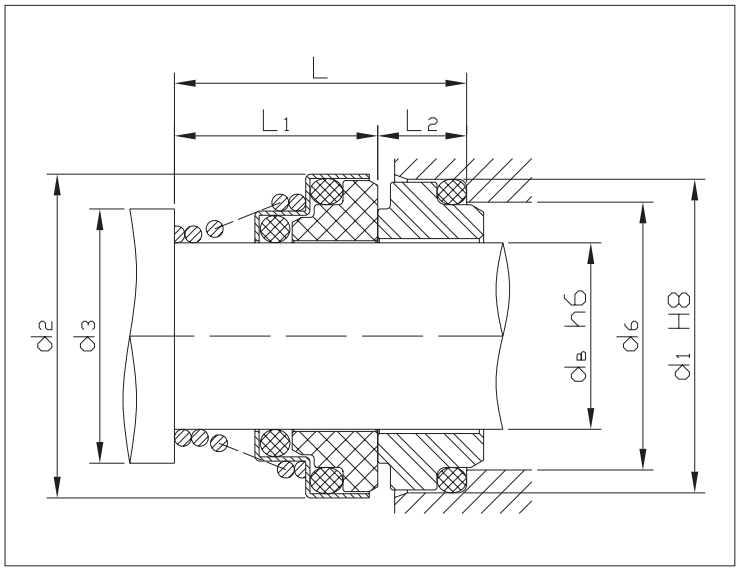
type

D3C

Unbalanced, with a central spring, dependent on the direction of rotation.
Rotary ring and Stationary ring are interchangeable

OPERATING PARAMETERS

Pressure:	P = 1,0 MPa
Temperature:	t = -20 - 180 °C
Slide Speed:	Vn = 15 m/s



DESIGN'S CHARACTERISTICS

1. Face materials:

- Graphite;
- Ceramic;
- Tungsten Carbide;
- Special Stainless Steel;
- 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.

MAIN DIMENSIONS (mm)

d_B	d_1	d_2	d_3	d_6	L	L_1	L_2
16	27	26	21	23	30	23	7
18	33	32	23	27	34	24	10
22	37	36	28	31	35	25	10
24	39	37.4	30	33	37	27	10
25	40	38	31	34	37	27	10
28	43	42	35	37	39	29	10
30	45	44	37	39	39	30	10
33	48	46.5	40	42	49	39	10
35	50	49	43	44	49	39	10
40	58	58	49	51	55	42	13
45	63	64	55	56	55	42	13

REMARKS:

1. Tolerances of L1 = +/- 1 mm.

2. When ordering please define direction of shaft's rotation (View of stationary ring's side – the shaft is with right direction of rotation if it rotates clockwise direction).