

SINGLE
MECHANICAL
SEAL

type

D9G

OPERATING PARAMETERS

Pressure: $P = 1,0 \text{ MPa}$
Temperature: $t = 120 \text{ }^\circ\text{C}$
Slide Speed: $V_n = 10 \text{ m/s}$

DESIGN'S CHARACTERISTICS

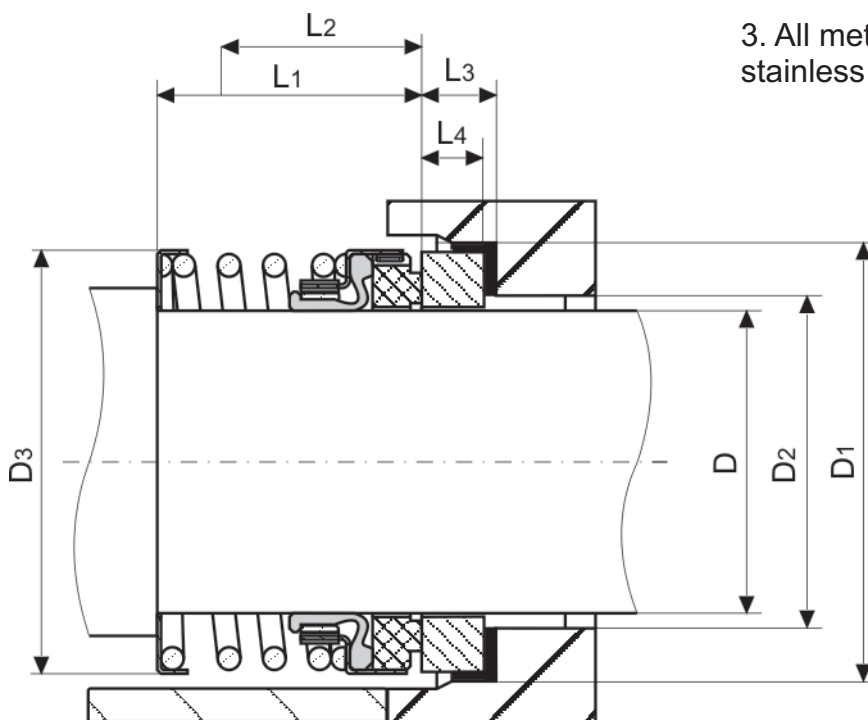
1. Face materials:

- Graphite;
- Ceramic;
- Tungsten Carbide;
- Silicon Carbide;
- Special stainless steels.

2. Rubber bellow material:

- NBR – till $T = 90 \text{ }^\circ\text{C}$ (gasoline, oil);
- EPDM – till $T = 120 \text{ }^\circ\text{C}$ (water, steam);
- FPM – Viton – till $T = 220 \text{ }^\circ\text{C}$ (oil, aggressive solutions);

3. All metal parts are from special stainless steel.



MAIN DIMENSIONS (mm)

D	D ₁	D ₂	D ₃	L ₁ -дълги	L ₂ -къси	L ₃	L ₄
12	27,79	19,05	23,90	43,65	25,40	8,74	7,47
15	30,95	22,23	26,70	43,65	25,40	10,32	8,97
20	35,70	26,99	33,40	43,65	25,40	10,32	8,97
22	37,30	28,58	33,40	43,65	25,40	10,32	8,97
24	40,50	31,75	39,20	43,65	25,40	10,32	8,97
28	47,63	35,72	46,30	60,33	33,34	11,99	10,46
30	50,80	38,89	49,40	60,33	33,34	11,99	10,46
33	53,98	42,07	52,60	60,33	33,34	11,99	10,46
35	53,98	42,07	52,60	60,33	33,34	11,99	10,46
38	57,15	45,24	55,80	60,33	33,34	11,99	10,46
40	60,35	48,82	62,20	60,33	33,34	11,99	10,46
43	63,50	51,59	66,00	70,64	40,48	11,99	10,46
45	63,50	51,59	66,00	70,64	40,48	11,99	10,46
48	66,70	54,75	66,60	70,64	40,48	11,99	10,46
50	69,85	58,00	71,65	70,64	40,48	11,99	10,46
55	76,20	65,00	78,40	71,00	41,00	13,50	11,96
60	79,40	68,00	82,00	71,00	41,00	13,50	11,96
65	92,10	78,35	88,40	70,00	49,00	15,90	14,50
70	95,25	81,10	92,60	70,00	49,00	15,90	14,50