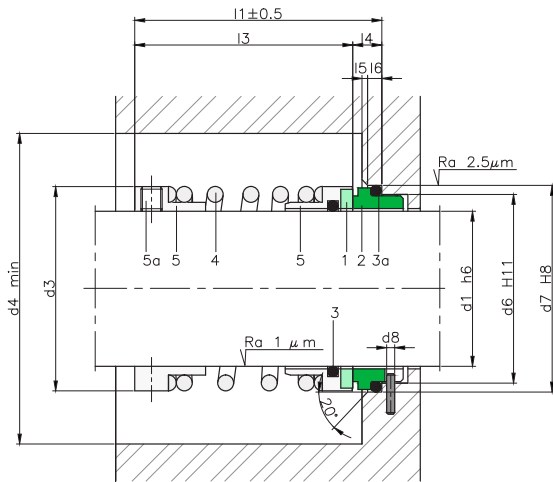


LS40C



COMPONENTS:

- 1 Rotating contact surface
- 2 Stationary contact surface
- 3 O-rings
- 3a O-rings
- 4 Spring
- 5 Metal frame
- 5a Set screws



SECTORS:



CHARACTERISTICS:

- Unbalanced.
- Single cylindrical spring.
- Dependent on the rotation direction.
- System attached to the shaft by allen screws.

OPERATING LIMITS:

$d_1 = 20 \div 100 \text{ mm}$ $p = 12 \text{ kg/cm}^2$
 $v = 15 \text{ m/s}$ $t = -20 \div +200^\circ\text{C}$ (*)

(*) The temperature resistance depends on the material of the secondary seals used.

The operating limits are defined by the PV factor which is determined for the sealing system characteristics and those of the application.

DESCRIPTION:

Single mechanical seal with an extremely versatile and functional design. The fact that it is attached to the shaft with screws allows this seal to be installed in a large variety of applications with differing mounting dimensions. Its structure allows secondary seals made of different materials to be used: FKM, Aflas®, FFKM, FEP, NBR, HNBR and materials complying with special standards such as FDA, USP, EC, etc.

DIMENSIONS CHART

Dimensions in mm

Shaft mm	Rotary part			Stationary part				Total length l ₁
	d ₃	d ₄	l ₃	d ₆	d ₇	d ₈	l ₄	
20	34.50	39.05	35.50	29.06	33.32	3.50	9.0	44.50
22	34.93	39.93	35.50	30.66	34.93	3.50	9.0	44.50
25	38.10	43.10	39.00	33.84	39.85	3.50	10.0	49.00
28	42.86	47.86	41.00	37.01	43.05	3.50	10.0	51.00
30	45.50	50.50	41.00	38.61	44.63	3.50	10.0	51.00
32	47.00	52.00	44.00	40.28	46.32	3.50	10.0	54.00
35	50.00	55.00	47.00	43.46	49.48	3.50	10.0	57.00
38	53.00	58.00	47.00	46.63	52.56	3.50	10.0	57.00
40	55.00	60.00	47.00	48.13	54.25	3.50	10.0	57.00
45	60.00	65.00	47.00	52.98	59.02	3.50	10.0	57.00
48	61.91	66.91	55.00	57.66	63.68	4.50	10.0	65.00
50	66.00	71.00	58.50	59.33	65.37	4.50	10.0	68.50
55	71.00	76.00	60.00	64.01	70.03	4.50	10.0	70.00
60	77.00	82.00	63.00	70.36	76.38	4.50	10.0	73.00
65	82.00	87.00	66.00	75.21	81.23	4.50	10.0	76.00
70	87.00	92.00	66.00	79.88	85.90	4.50	10.0	76.00
75	91.50	96.50	71.00	84.73	90.77	4.50	10.0	81.00
80	99.50	104.50	77.50	94.26	100.29	4.50	10.0	87.50
85	105.50	110.50	77.50	98.93	104.77	4.50	10.0	87.50
90	110.50	115.50	82.00	113.78	109.82	4.50	10.0	92.00
95	115.50	120.50	82.00	108.46	114.33	4.50	10.0	92.00
100	120.00	125.50	82.00	113.31	119.33	4.50	10.0	92.00

Dimensions subject to changes or modifications.