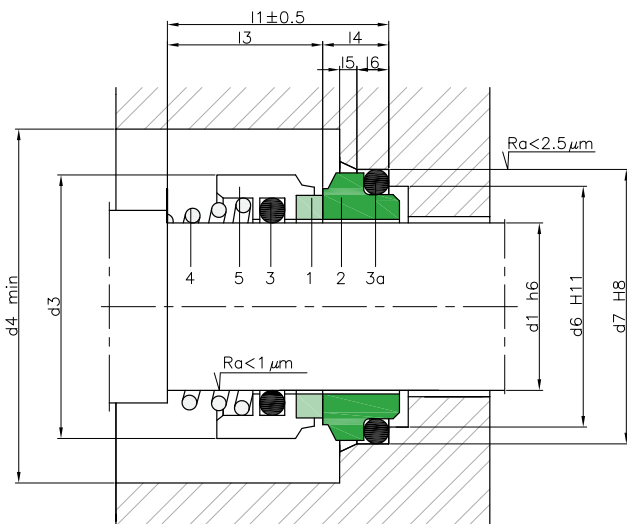


LS61



COMPONENTS:

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



SECTORS:



CHARACTERISTICS:

- Unbalanced.
- Single conical spring.
- Dependent on the rotation direction.

OPERATING LIMITS:

$d_1 = 10 \div 90 \text{ mm}$ $p = 10 \text{ kg/cm}^2$
 $v = 20 \text{ m/s}$ $t = -20 \div +200^\circ\text{C} (*)$

(*) 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:

A versatile, robust single seal that is widely used in many different industrial and household applications.

DIMENSIONS CHART LS61

Dimensions en mm

Shaft mm	Rotary part			Stationary part					Total length
	d ₃	d ₄	l ₃	d ₆	d ₇	l ₄	l ₅	l ₆	
18	32	34	27,5	27	33	10	2	5	37,5
20	34	36	27,5	29	35	10	2	5	37,5
22	36	38	27,5	31	37	10	2	5	37,5
24	38	40	30	33	39	10	2	5	40
25	39	41	30	34	40	10	2	5	40
28	42	44	32,5	37	43	10	2	5	42,5
30	44	46	32,5	39	45	10	2	5	42,5
32	46	48	32,5	42	48	10	2	5	42,5
33	47	49	32,5	42	48	10	2	5	42,5
35	49	51	32,5	44	50	10	2	5	42,5
38	54	58	34	49	56	11	2	6	45
40	56	60	34	51	58	11	2	6	45
43	59	63	34	54	61	11	2	6	45
45	61	65	34	56	63	11	2	6	45
48	64	68	34	59	66	11	2	6	45
50	66	70	34,5	62	70	13	2,5	6	47,5
53	69	73	34,5	65	73	13	2,5	6	47,5
55	71	75	34,5	67	75	13	2,5	6	47,5
58	78	83	39,5	70	78	13	2,5	6	52,5
60	80	85	39,5	72	80	13	2,5	6	52,5
63	83	88	39,5	75	83	13	2,5	6	52,5
65	85	90	39,5	77	85	13	2,5	6	52,5
68	88	93	37,5	81	90	15	2,5	7	52,5
70	90	95	45	83	92	15	2,5	7	60
75	99	104	45	88	97	15	2,5	7	60
80	104	109	44,5	95	105	15,5	3	7	60