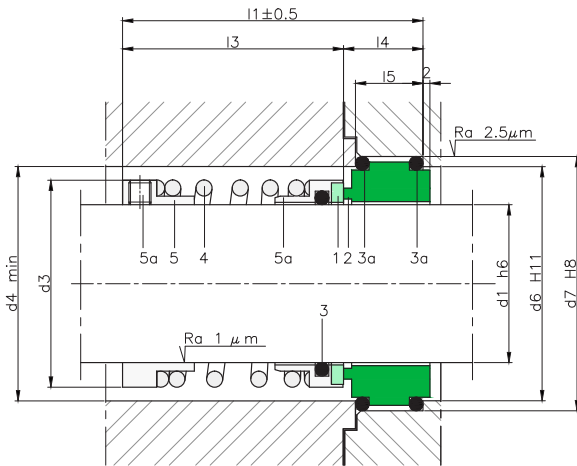


LS40A



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, Atlas®, 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	l ₄	l ₅	
20	34	36	46	36	42	23	18	69
22	36	38	46	38	44	23	18	69
24	38	40	46	40	46	23	18	69
25	39	41	47	41	47	23	18	70
28	42	44	49	44	50	23	20	72
30	44	46	49	46	52	23	20	72
32	46	48	52	48	54	23	18	75
33	47	49	52	49	55	23	18	75
35	49	51	55	51	57	23	18	78
38	54	58	57	58	64	25	20	82
40	56	60	57	60	66	25	20	82
43	59	63	57	63	69	25	20	82
45	61	65	57	65	71	25	20	82
48	64	68	64	68	74	25	20	89
50	66	70	68	70	76	25	20	93
53	69	73	69	73	79	25	20	94
55	71	75	71	75	81	25	20	96
58	76	83	71	83	89	28	20	99
60	78	85	74	85	91	28	22	102
63	81	88	74	88	94	28	22	102
65	83	90	78	90	96	28	22	106
68	86	93	78	93	99	30	22	106
70	90	95	79	95	101	30	24	109
75	95	104	84	104	110	30	24	114
80	100	109	84	109	115	31	24	115
85	105	114	84	114	120	31	25	115
90	110	119	90	119	125	31	24	121
95	115	124	90	124	130	31	25	121
100	121	129	90	129	135	31	25	121

Dimensions subject to changes or modifications.