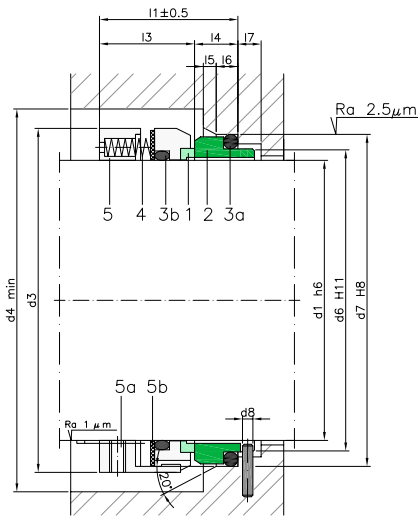


LMS13



COMPONENTS:

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



SECTORS:



CHARACTERISTICS:

- Unbalanced.
- System attached to the shaft by allen screws.
- Not dependent on the rotation direction.

OPERATING LIMITS:

$d_i = 20 \div 100 \text{ mm}$ $p = 12 \text{ kg/cm}^2$

$v = 20 \text{ m/s}$ $t = -40 \div +200^\circ\text{C} (*)$

(*) 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:

The contact surface of the rotating part can be detached, which makes this model extremely versatile as it is easy to exchange contact surfaces made of different materials.
Seal compliant with standard EN 12756.

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	l_5	l_6	l_7	
20	34	36	27,5	29,0	35,0	3,0	10,0	2,0	5,0	9,0	37,5
22	36	38	27,5	31,0	37,0	3,0	10,0	2,0	5,0	9,0	37,5
24	38	40	30,0	33,0	39,0	3,0	10,0	2,0	5,0	9,0	40,0
25	39	41	30,0	34,0	40,0	3,0	10,0	2,0	5,0	9,0	40,0
28	42	44	32,5	37,0	43,0	3,0	10,0	2,0	5,0	9,0	42,5
30	44	46	32,5	39,0	45,0	3,0	10,0	2,0	5,0	9,0	42,5
32	46	48	32,5	42,0	48,0	3,0	10,0	2,0	5,0	9,0	42,5
33	47	49	32,5	42,0	48,0	3,0	10,0	2,0	5,0	9,0	42,5
35	49	51	32,5	44,0	50,0	3,0	10,0	2,0	5,0	9,0	42,5
38	54	58	34,0	49,0	56,0	4,0	11,0	2,0	6,0	9,0	45,0
40	56	60	34,0	51,0	58,0	4,0	11,0	2,0	6,0	9,0	45,0
43	59	63	34,0	54,0	61,0	4,0	11,0	2,0	6,0	9,0	45,0
45	61	65	34,0	56,0	63,0	4,0	11,0	2,0	6,0	9,0	45,0
48	64	68	34,0	59,0	66,0	4,0	11,0	2,0	6,0	9,0	45,0
50	66	70	34,5	62,0	70,0	4,0	13,0	2,5	6,0	9,0	47,5
53	69	73	34,5	65,0	73,0	4,0	13,0	2,5	6,0	9,0	47,5
55	71	75	34,5	67,0	75,0	4,0	13,0	2,5	6,0	9,0	47,5
58	78	83	39,5	70,0	78,0	4,0	13,0	2,5	6,0	9,0	52,5
60	80	85	39,5	72,0	80,0	4,0	13,0	2,5	6,0	9,0	52,5
63	83	88	39,5	75,0	83,0	4,0	13,0	2,5	6,0	9,0	52,5
65	85	90	39,5	77,0	85,0	4,0	13,0	2,5	6,0	9,0	52,5
68	88	93	37,5	81,0	90,0	4,0	15,0	2,5	7,0	9,0	52,5
70	90	95	45,0	83,0	92,0	4,0	15,0	2,5	7,0	9,0	60,0
75	99	104	45,0	88,0	97,0	4,0	15,0	2,5	7,0	9,0	60,0
80	104	109	44,5	95,0	105,0	4,0	15,5	3,0	7,0	9,0	60,0
85	109	114	44,5	100,0	110,0	4,0	15,5	3,0	7,0	9,0	60,0
90	114	119	49,5	105,0	115,0	4,0	15,5	3,0	7,0	9,0	65,0
95	119	124	49,5	110,0	120,0	4,0	15,5	3,0	7,0	9,0	65,0
100	124	129	49,5	115,0	125,0	4,0	15,5	3,0	7,0	9,0	65,0

Dimensions subject to changes or modifications.