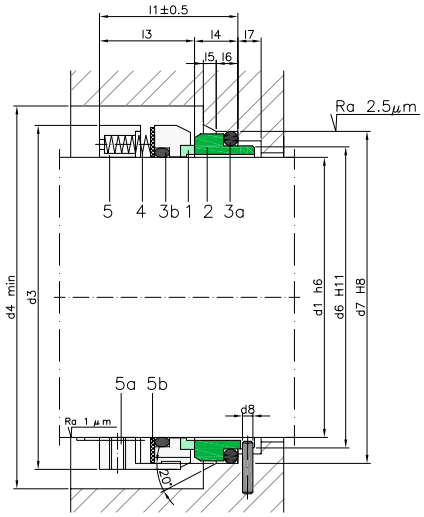
LMS13

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_1= 20 ÷ 100 mm p= 12 kg/cm²

v= 20 m/s t= -40÷ +200ºC (*)

(*) 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	Rotary part			Stationary part							Total length
mm	d_3	d_4	l_3	d_6	d_7	d_8	l_4	l_5	l_6	l_7	l_1
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.

10/2017