



LINEPROOF[®]
ENGINEERING INDIA PVT. LTD.



SERIES LP101



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SERIES LP101

Mechanical Seals / Mechanical Seals for Pump / Metal Bellows Seal Mechanical Seal



STANDARD STYLE

FACE MATERIAL

Carbon graphite antimony impregnated,
Silicon carbide

METAL PARTS

SS 316, SS 304, Duplex
Bellows: Inconel 718

SECONDARY SEAL

FKM

APPLICATION

- Process industry
- Oil and gas industry
- Refining technology
- Petrochemical industry
- Chemical industry
- Pulp and paper industry
- Hot media
- Highly viscous media
- Pumps
- Special rotating equipment

SEAL CHARACTERISTICS

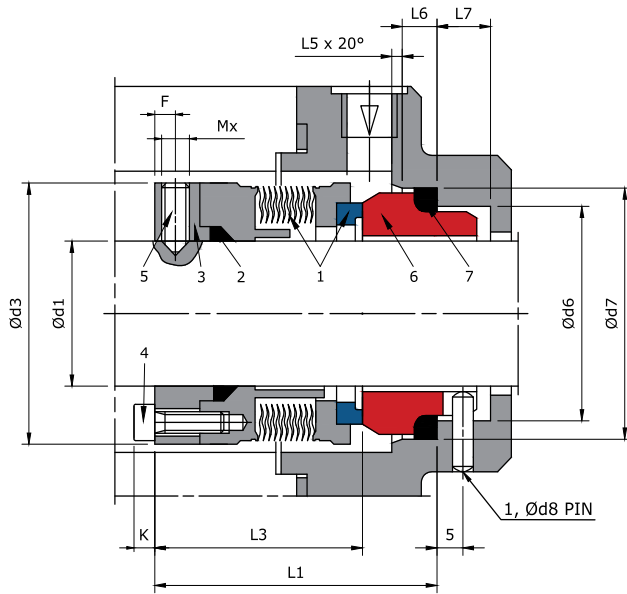
- For unstepped shafts
- Rotating bellows
- Single seal
- Balanced
- Independent of direction of rotation
- Metal bellows

OPERATING LIMIT

Shaft Diameter	d1	: 16mm...100mm
Pressure	p	: 25 bar
Temperature	t	: -20 +400°C
Velocity	v	: 20 m/sec



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PART NO.	DESCRIPTION
1	SEAL FACE WITH BELLOW UNIT
2	SEALING RING
3	DRIVE COLLAR
4	HSH CAP SCREW
5	SET SCREW
6	SEAT
7	SEALING RING

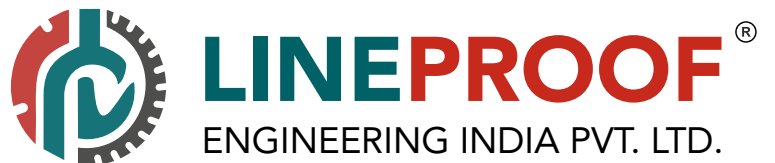
SEAL SIZE $d1^{+0.00}_{-0.05}$	d3	d6	d7	d8	L1	L3	L5	L6	L7	F	K	Mx
mm												
16.0	38.0	29.0	35.0	3.0	58.0	46.5	2.0	5.0	9.0	5.0	5.0	M5
18.0	40.0	31.0	37.0	3.0	58.0	46.5	2.0	5.0	9.0	5.0	5.0	M5
20.0	42.0	34.0	40.0	3.0	58.0	46.5	2.0	5.0	9.0	5.0	5.0	M5
22.0	44.0	37.0	43.0	3.0	58.0	46.5	2.0	5.0	9.0	5.0	5.0	M5
24.0	46.0	37.0	43.0	3.0	58.0	46.5	2.0	5.0	9.0	5.0	5.0	M5
25.0	47.0	39.0	45.0	3.0	58.0	46.5	2.0	5.0	9.0	5.0	5.0	M5
28.0	50.0	42.0	48.0	3.0	58.0	46.5	2.0	5.0	9.0	5.0	5.0	M6
30.0	52.0	44.0	50.0	3.0	58.0	46.5	2.0	5.0	9.0	5.0	5.0	M6
32.0	54.0	49.0	56.0	4.0	60.5	46.5	2.0	6.0	9.0	5.0	5.0	M6
33.0	55.0	49.0	56.0	4.0	60.5	46.5	2.0	6.0	9.0	5.0	5.0	M6
35.0	57.0	51.0	58.0	4.0	60.5	46.5	2.0	6.0	9.0	5.0	5.0	M6
38.0	60.0	54.0	61.0	4.0	60.5	46.5	2.0	6.0	9.0	5.0	5.0	M6
40.0	66.0	56.0	63.0	4.0	61.5	47.5	2.0	6.0	9.0	5.0	6.0	M6
43.0	69.0	59.0	66.0	4.0	61.5	47.5	2.0	6.0	9.0	5.0	6.0	M6
45.0	71.0	62.0	70.0	4.0	62.5	47.5	2.5	6.0	9.0	5.0	6.0	M6
48.0	74.0	65.0	73.0	4.0	62.5	47.5	2.5	6.0	9.0	5.0	6.0	M6
50.0	76.0	67.0	75.0	4.0	62.5	47.5	2.5	6.0	9.0	5.0	6.0	M6
53.0	79.0	70.0	78.0	4.0	62.5	47.5	2.5	6.0	9.0	5.0	6.0	M6
55.0	81.0	72.0	80.0	4.0	62.5	47.5	2.5	6.0	9.0	5.0	6.0	M6
58.0	85.0	75.0	83.0	4.0	68.0	53.0	2.5	6.0	9.0	5.0	6.0	M6
60.0	87.0	77.0	85.0	4.0	68.0	53.0	2.5	6.0	9.0	6.0	6.0	M8
63.0	90.0	81.0	90.0	4.0	71.0	53.0	2.5	7.0	9.0	6.0	6.0	M8
65.0	92.0	83.0	92.0	4.0	71.0	53.0	2.5	7.0	9.0	6.0	6.0	M8
68.0	95.0	88.0	97.0	4.0	71.0	53.0	2.5	7.0	9.0	6.0	6.0	M8
70.0	97.0	88.0	97.0	4.0	71.0	53.0	2.5	7.0	9.0	6.0	6.0	M8
75.0	102.0	95.0	105.0	4.0	71.0	52.8	3.0	7.0	9.0	6.0	6.0	M8
80.0	107.0	100.0	110.0	4.0	71.0	52.8	3.0	7.0	9.0	6.0	6.0	M8
85.0	112.0	105.0	115.0	4.0	71.0	52.8	3.0	7.0	9.0	6.0	6.0	M8
90.0	117.0	110.0	120.0	4.0	71.0	53.8	3.0	7.0	9.0	6.0	6.0	M8
95.0	122.0	115.0	125.0	4.0	71.0	53.8	3.0	7.0	9.0	6.0	6.0	M8
100.0	127.0	122.2	134.3	5.0	74.0	54.0	3.0	9.0	11.0	6.0	6.0	M8



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