



LINEPROOF[®]
ENGINEERING INDIA PVT. LTD.



SERIES LP350



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SERIES LP350

Mechanical Seals / Mechanical Seals for Pump / Standard Cartridge Seals Mechanical Seal



STANDARD STYLE

FACE MATERIAL

Blister resistant carbon,
Silicon carbide SSIC

METAL PARTS

SS 316, SS 304

SECONDARY SEAL

EPDM, NBR, FKM, FFKM

SEAL CHARACTERISTICS

- Dual seal
- Cartridge unit
- Category 1, Type A, Arrangement 2 or 3
- Balanced
- Independent direction of rotation
- Shrink-fitted seal faces
- Solid mating ring

APPLICATION

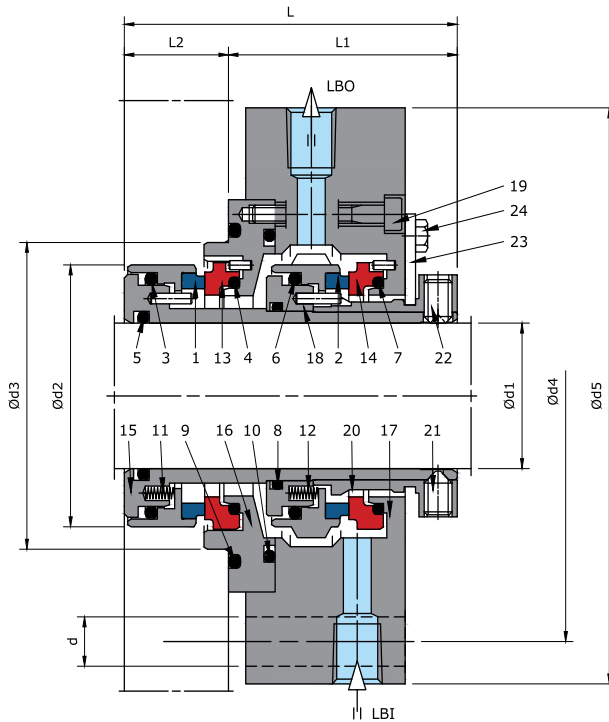
- Process industry
- Oil and gas industry
- Refining technology
- Petrochemical industry
- Chemical industry
- Highly volatile hydrocarbons
- Toxic and hazardous media
- Media with poor lubrication properties
- Low solids content and low abrasive media
- Vertical and horizontal ANSI chemical standard pumps

OPERATING LIMIT

Shaft Diameter	d1	: 20mm...110mm
Pressure	p	: 22 bar
Temperature	t	: -40 +176°C
Velocity	v	: 23 m/sec



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PART NO.	DESCRIPTION
1	SEAL RING
2	SEAL RING
3	O-RING
4	O-RING
5	O-RING
6	O-RING
7	O-RING
8	O-RING
9	O-RING
10	O-RING
11	SPRING
12	SPRING
13	MATING RING
14	MATING RING
15	SEAL SLEEVE
16	GLAND PLATE
17	GLAND PLATE
18	DRIVER
19	HSH CAP SCREW
20	SET RING
21	SET SCREW
22	SET SCREW
23	SETTING DEVICE
24	HEXAGON BOLT

LBO Liquid buffer/barrier OUT
LBI Liquid buffer/barrier IN

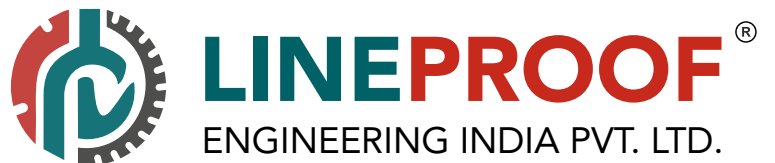
SEAL SIZE $d1^{+0.00}_{-0.05}$ mm	d2	d3	d4	d5	L	L1	L2	d	Qty.
20.0	50.4	58.0	105.0	127.0	96.5	68.5	28.0	13.5	4.0
25.0	55.4	63.0	110.0	132.0	96.5	68.5	28.0	13.5	4.0
30.0	60.4	68.0	115.0	137.0	96.5	68.5	28.0	13.5	4.0
35.0	65.4	73.0	120.0	142.0	96.5	68.5	28.0	13.5	4.0
40.0	70.4	78.0	125.0	147.0	96.5	68.5	28.0	13.5	4.0
45.0	75.4	83.0	135.0	162.0	96.5	68.5	28.0	17.5	4.0
50.0	80.4	88.0	140.0	167.0	100.0	72.0	28.0	17.5	4.0
55.0	85.4	93.0	145.0	172.0	100.0	72.0	28.0	17.5	4.0
60.0	96.0	105.0	160.0	187.0	127.5	88.0	39.5	17.5	4.0
65.0	101.0	110.0	165.0	192.0	127.5	88.0	39.5	17.5	4.0
70.0	106.0	115.0	170.0	197.0	127.5	88.0	39.5	17.5	4.0
75.0	111.0	120.0	175.0	202.0	127.5	88.0	39.5	17.5	4.0
80.0	116.0	125.0	185.0	213.0	127.5	88.0	39.5	22.0	4.0
85.0	123.5	136.0	190.0	223.0	131.5	92.0	39.5	22.0	4.0
90.0	128.5	141.0	195.0	228.0	131.5	92.0	39.5	22.0	4.0
95.0	133.5	146.0	200.0	233.0	131.5	92.0	39.5	22.0	4.0
100.0	138.5	151.0	205.0	238.0	131.5	92.0	39.5	22.0	4.0
105.0	143.5	156.0	210.0	243.0	131.5	92.0	39.5	22.0	4.0
110.0	152.5	161.0	215.0	248.0	131.5	92.0	39.5	22.0	4.0



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