



**LINEPROOF**<sup>®</sup>  
ENGINEERING INDIA PVT. LTD.



## **SERIES LP92RN**



*we are loyal to our customers...*

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## SERIES LP92RN

### Mechanical Seals / Mechanical Seals for Pump / Pusher Mechanical Seal



#### STANDARD STYLE

#### FACE MATERIAL

Silicon carbide, Carbon graphite

#### METAL PARTS

SS 316, SS 304,

#### SECONDARY SEAL

EPDM, NBR, FKM, FFKM

#### APPLICATION

- Pulp and paper industry
- Water and waste water technology
- Dirty, abrasive and solid containing media
- Fugitive hydrocarbons (no API seal!)
- Sticky and stringy media
- Chemical standard pumps
- Sewage pumps

#### SEAL CHARACTERISTICS

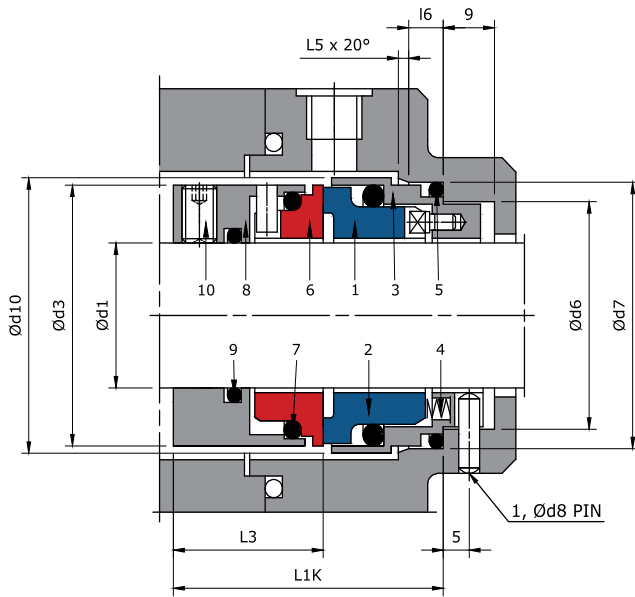
- Single seal
- Balanced
- Independent of direction of rotation
- Stationary springs
- Dual seals in tandem as well as back-to-back arrangements (also in combination with H10 seal)

#### OPERATING LIMIT

Shaft Diameter d1 : 18mm...100mm  
Pressure p : 25 bar  
Temperature t : -40 +220°C  
Velocity v : 20 m/sec



# SERIES LP92RN



PART NO.	DESCRIPTION
1	SEAL RING
2	O-RING
3	RETAINER
4	SPRING
5	O-RING
6	SEAT
7	O-RING
8	DRIVE COLLAR
9	O-RING
10	SET SCREW

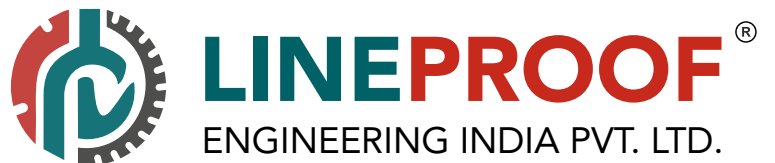
SEAL SIZE d1 <sup>+0.00/-0.05</sup> mm	d3	d6 <sup>H11</sup>	d7 <sup>H8</sup>	d8	d10	L3	L5	L6	L1K <sup>±0.5</sup>
18.0	33.0	27.0	33.0	3.0	34.7	19.5	2.0	5.0	37.5
20.0	35.0	29.0	35.0	3.0	36.7	19.5	2.0	5.0	37.5
22.0	37.0	31.0	37.0	3.0	38.7	19.5	2.0	5.0	37.5
24.0	39.0	33.0	39.0	3.0	40.7	20.5	2.0	5.0	40.0
25.0	40.0	34.0	40.0	3.0	41.7	20.5	2.0	5.0	40.0
28.0	43.0	37.0	43.0	3.0	44.7	21.5	2.0	5.0	42.5
30.0	45.0	39.0	45.0	3.0	46.7	21.5	2.0	5.0	42.5
32.0	48.0	42.0	48.0	3.0	49.7	21.5	2.0	5.0	42.5
33.0	48.0	42.0	48.0	3.0	49.7	21.5	2.0	5.0	42.5
35.0	50.0	44.0	50.0	3.0	51.7	21.5	2.0	5.0	42.5
38.0	56.0	49.0	56.0	4.0	57.7	24.0	2.0	6.0	45.0
40.0	58.0	51.0	58.0	4.0	59.7	24.0	2.0	6.0	45.0
43.0	61.0	54.0	61.0	4.0	62.7	24.0	2.0	6.0	45.0
45.0	63.0	56.0	63.0	4.0	64.7	24.0	2.0	6.0	45.0
48.0	66.0	59.0	66.0	4.0	67.7	24.0	2.0	6.0	45.0
50.0	70.0	62.0	70.0	4.0	71.7	25.0	2.5	6.0	47.5
53.0	73.0	65.0	73.0	4.0	74.7	25.0	2.5	6.0	47.5
55.0	75.0	67.0	75.0	4.0	76.7	25.0	2.5	6.0	47.5
58.0	78.0	70.0	78.0	4.0	80.5	28.0	2.5	6.0	52.5
60.0	80.0	72.0	80.0	4.0	82.5	28.0	2.5	6.0	52.5
63.0	83.0	75.0	83.0	4.0	85.5	28.0	2.5	6.0	52.5
65.0	85.0	77.0	85.0	4.0	87.5	28.0	2.5	6.0	52.5
68.0	90.0	81.0	90.0	4.0	92.5	28.0	2.5	7.0	52.5
70.0	92.0	83.0	92.0	4.0	94.5	34.0	2.5	7.0	60.0
75.0	97.0	88.0	97.0	4.0	100.5	34.0	2.5	7.0	60.0
80.0	105.0	95.0	105.0	4.0	108.5	34.0	3.0	7.0	60.0
85.0	110.0	100.0	110.0	4.0	113.5	34.0	3.0	7.0	60.0
90.0	115.0	105.0	115.0	4.0	118.5	39.0	3.0	7.0	65.0
95.0	120.0	110.0	120.0	4.0	123.5	39.0	3.0	7.0	65.0
100.0	125.0	115.0	125.0	4.0	128.5	39.0	3.0	7.0	65.0




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