



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



## **SERIES LP92N**



*we are loyal to our customers...*

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## SERIES LP92N

### 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

- Pharmaceutical industry
- Power plant technology
- Pulp and paper industry
- Water and waste water technology
- Mining industry
- Food and beverage industry
- Sugar industry
- Contaminated, abrasive and solids containing media
- Thick juice (70 ... 75 % sugar content)
- Raw sludge, sewage slurries
- Raw sludge pumps
- Thick juice pumps
- Conveying and bottling of dairy products

#### SEAL CHARACTERISTICS

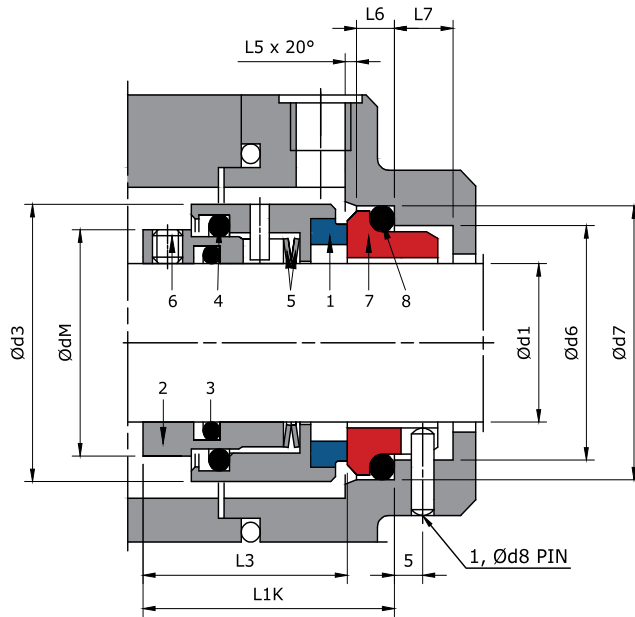
- For unstepped shafts
- Single seal
- Balanced
- Independent of direction of rotation
- Encapsulated rotating spring

#### OPERATING LIMIT

Shaft Diameter	d1 : 18mm...100mm
Pressure	p : 25 bar
Temperature	t : -50 +220°C
Velocity	v : 20 m/sec



# SERIES LP92N



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

SEAL SIZE +0.00 d1-0.05	d3	d6 <sup>H11</sup>	d7 <sup>H8</sup>	d8	dM	L3	L5	L6	L7	L1K <sup>±0.5</sup>
mm										
18.0	32.0	27.0	33.0	3.0	26.0	30.5	2.0	5.0	9.0	37.5
20.0	34.0	29.0	35.0	3.0	28.0	30.5	2.0	5.0	9.0	37.5
22.0	36.0	31.0	37.0	3.0	30.0	30.5	2.0	5.0	9.0	37.5
24.0	38.0	33.0	39.0	3.0	32.5	33.0	2.0	5.0	9.0	40.0
25.0	39.0	34.0	40.0	3.0	33.5	33.0	2.0	5.0	9.0	40.0
28.0	42.0	37.0	43.0	3.0	36.5	35.5	2.0	5.0	9.0	42.5
30.0	44.0	39.0	45.0	3.0	38.5	35.5	2.0	5.0	9.0	42.5
32.0	47.0	42.0	48.0	3.0	41.5	35.5	2.0	5.0	9.0	42.5
33.0	47.0	42.0	48.0	3.0	41.5	35.5	2.0	5.0	9.0	42.5
35.0	49.0	44.0	50.0	3.0	43.5	35.5	2.0	5.0	9.0	42.5
38.0	54.0	49.0	56.0	4.0	47.5	37.0	2.0	6.0	9.0	45.0
40.0	56.0	51.0	58.0	4.0	49.5	37.0	2.0	6.0	9.0	45.0
43.0	59.0	54.0	61.0	4.0	52.5	37.0	2.0	6.0	9.0	45.0
45.0	61.0	56.0	63.0	4.0	54.5	37.0	2.0	6.0	9.0	45.0
48.0	64.0	59.0	66.0	4.0	57.5	37.0	2.0	6.0	9.0	45.0
50.0	66.0	62.0	70.0	4.0	59.5	38.0	2.5	6.0	9.0	47.5
53.0	69.0	65.0	73.0	4.0	62.5	38.0	2.5	6.0	9.0	47.5
55.0	71.0	67.0	75.0	4.0	64.5	38.0	2.5	6.0	9.0	47.5
58.0	78.0	70.0	78.0	4.0	68.5	42.0	2.5	6.0	9.0	52.5
60.0	80.0	72.0	80.0	4.0	70.5	42.0	2.5	6.0	9.0	52.5
63.0	83.0	75.0	83.0	4.0	73.5	42.0	2.5	6.0	9.0	52.5
65.0	85.0	77.0	85.0	4.0	75.5	42.0	2.5	6.0	9.0	52.5
68.0	88.0	81.0	90.0	4.0	78.5	41.5	2.5	7.0	9.0	52.5
70.0	90.0	83.0	92.0	4.0	80.5	48.5	2.5	7.0	9.0	60.0
75.0	99.0	88.0	97.0	4.0	89.0	48.5	2.5	7.0	9.0	60.0
80.0	104.0	95.0	105.0	4.0	94.0	48.5	3.0	7.0	9.0	60.0
85.0	109.0	100.0	110.0	4.0	99.0	48.5	3.0	7.0	9.0	60.0
90.0	114.0	105.0	115.0	4.0	104.0	52.0	3.0	7.0	9.0	65.0
95.0	119.0	110.0	120.0	4.0	109.0	52.0	3.0	7.0	9.0	65.0
100.0	124.0	115.0	125.0	4.0	114.0	52.0	3.0	7.0	9.0	65.0



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