



LINEPROOF[®]
ENGINEERING INDIA PVT. LTD.



SERIES LPE80 & LPE85



we are loyal to our customers...



SERIES LPE80 & LPE85

Unbalance Seal

Single Acting, Independent of Direction of Rotation'

Mechanical Seal



STANDARD STYLE

FACE MATERIAL

Carbon, ceramic,
Silicon Carbide, Tungsten Carbide, Lecroloy

METAL PARTS

SS 316, SS 304,

SECONDARY SEAL

LPE 80 : PTFE, GFT
LPE 85 : Elastomers

APPLICATION

Crystallizing Slurry
Suspended Solids Slurry
Saturated Chemical Slurry
General Chemicals Slurry

SEAL CHARACTERISTICS

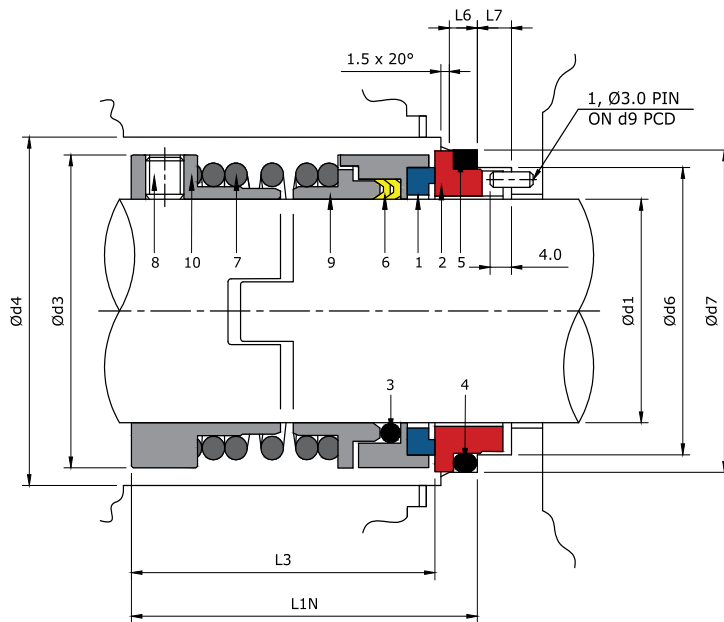
Single acting
Unbalanced
Inside mounted
Independent of direction of rotation
Universal chemical compatibility due to PTFE
elastomer

OPERATING LIMIT

Shaft Diameter	d1 : 0.875" 3.5"
Pressure	p : 14 bar (max)
Temperature	t : -23 ... +200°C
Velocity	v : 20 m/sec



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PART NO.	DESCRIPTION
1	SEAL RING
2	MATING RING
3	O-RING
4	O-RING
5	M RING PACKING
6	V-PACKING
7	SPRING
8	GRUB SCREW
9	SPRING HOLDER
10	DRIVE COLLAR

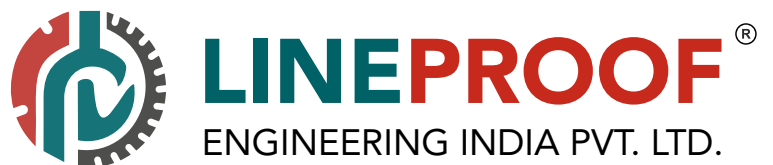
SEAL SIZE -0.05		d3	d4	d6 ^{+0.1} -0.0	d7 ^{±0.05}	d9	L3 ^{±0.5}	L6	L7	L1N
inch	mm									
0.875	22.22	37.0	40.0	32.25	37.75	28.6	48.0	4.6	5.6	55.0
1.000	25.40	40.0	43.0	35.35	40.85	31.6	48.0	4.6	5.6	55.0
1.125	28.58	43.0	46.0	38.52	44.02	34.6	49.0	4.6	5.6	56.0
1.250	31.75	47.5	50.5	41.70	47.20	38.0	52.0	4.6	5.6	59.0
1.375	34.92	49.0	52.0	44.84	50.37	41.2	55.0	4.6	5.6	62.0
1.500	38.10	53.0	56.0	48.05	53.55	44.4	55.0	4.6	5.6	62.0
1.625	41.28	55.0	59.0	54.40	59.90	50.6	55.0	5.0	5.8	63.4
1.750	44.45	59.0	63.0	60.75	66.25	57.0	55.0	5.0	5.8	63.4
1.875	47.62	63.5	67.5	63.92	69.42	61.0	64.0	5.0	5.8	72.4
2.000	50.80	66.2	70.0	63.92	69.42	61.0	67.0	5.0	5.8	75.4
2.125	53.98	72.0	76.0	73.45	78.95	70.2	72.0	5.5	6.6	81.2
2.250	57.15	76.0	79.5	76.62	82.12	72.8	72.0	5.5	6.6	81.2
2.375	60.32	80.0	84.0	76.62	82.12	72.8	75.7	5.5	6.6	84.9
2.500	63.50	83.5	87.5	79.80	85.30	76.0	75.7	5.5	6.6	84.9
2.625	66.68	88.0	92.0	79.80	85.30	76.0	75.7	5.5	7.4	85.7
2.750	69.85	91.5	95.5	82.97	88.47	79.2	75.7	5.5	7.4	85.7
2.875	73.02	96.0	100.0	86.22	91.72	81.5	79.0	5.5	7.4	89.0
3.000	76.20	100.0	104.0	89.04	97.60	85.4	79.0	7.5	5.5	90.8
3.125	79.38	103.0	107.0	95.39	103.95	91.8	79.0	7.5	5.5	90.8
3.250	82.55	106.5	110.5	95.39	103.95	91.8	79.0	7.5	5.5	90.8
3.375	85.72	110.0	114.0	98.57	107.13	95.0	79.0	7.5	5.5	90.8
3.500	88.90	113.0	117.0	102.10	110.66	98.5	79.0	7.5	5.5	90.8



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