



LINEPROOF[®]
ENGINEERING INDIA PVT. LTD.



Series LP10U & LP15U



we are loyal to our customers...

www.lineproofengg.com

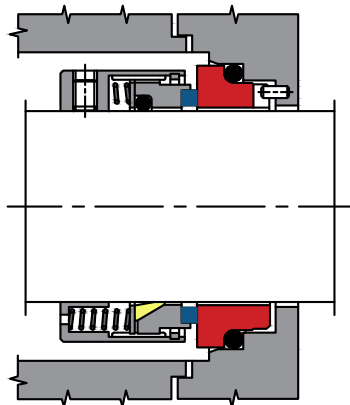


Series LP10U & LP15U

Unbalanced Seal

Single Acting, Independent of Direction of Rotation

Mechanical Seal



STANDARD STYLE

FACE MATERIAL

Carbon, ceramic,
Silicon Carbide, Tungsten Carbide, Lecrolloy

METAL PARTS

SS 316, SS 304,
Hastelloy-C, Monel, Alloy-20

SECONDARY SEAL

FKM, FFKM, EPDM, NBR, PTFE.

APPLICATION

Petrochemicals
Petroleum refinery
General chemicals
Light hydrocarbons

SEAL CHARACTERISTICS

Single acting
Unbalanced
Inside mounted
Independent of direction of rotation
To DIN 24960

OPERATING LIMIT

Shaft Diameter	d1 : 14 100 mm
Pressure	p : 10 bar (max)
Temperature	t : -60 ... +200°C
Velocity	v : 20 m/sec

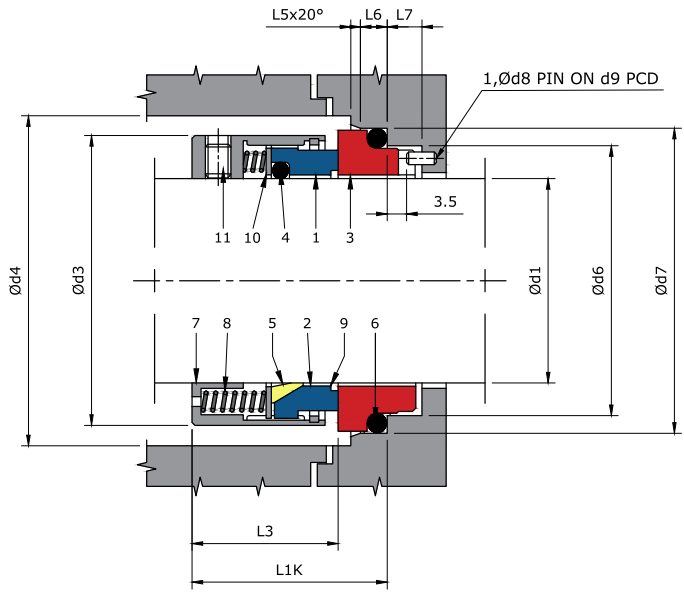
SHRINK FIT ARRANGMENT

Temperature Limits:

SS 304	110°C
SS 316	110°C
Hastelloy-C	175°C
Carpenter - 42	350°C



Series LP10U & LP15U



PART NO.	DESCRIPTION
1	SEAL RING
2	SEAL RING
3	MATING RING
4	O-RING
5	WEDGE
6	O-RING
7	RETAINER
8	SPRING
9	SNAP RING
10	THRUST RING
11	GRUB SCREW

SEAL SIZE $d1^{+0.00/-0.05}$ mm	d3	d4	d6 ^{H11}	d7 ^{H8}	d8	d9	L3	L5	L6	L7	L1K ^{±0.05}
14.0	24.0	26.0	21.0	25.0	3.0	18.0	26.0	1.5	4.0	8.5	35.0
16.0	26.0	28.0	23.0	27.0	3.0	20.0	26.0	1.5	4.0	8.5	35.0
18.0	32.0	34.0	27.0	33.0	3.0	23.0	27.0	2.0	5.0	9.0	37.5
20.0	34.0	36.0	29.0	35.0	3.0	25.0	27.0	2.0	5.0	9.0	37.5
22.0	36.0	38.0	31.0	37.0	3.0	27.0	27.0	2.0	5.0	9.0	37.5
24.0	38.0	40.0	33.0	39.0	3.0	29.0	29.5	2.0	5.0	9.0	40.0
25.0	39.0	41.0	34.0	40.0	3.0	30.0	29.5	2.0	5.0	9.0	40.0
28.0	42.0	44.0	37.0	43.0	3.0	33.0	32.0	2.0	5.0	9.0	42.5
30.0	44.0	46.0	39.0	45.0	3.0	35.0	32.0	2.0	5.0	9.0	42.5
32.0	46.0	48.0	42.0	48.0	3.0	38.0	32.0	2.0	5.0	9.0	42.5
33.0	47.0	49.0	42.0	48.0	3.0	38.0	32.0	2.0	5.0	9.0	42.5
35.0	49.0	51.0	44.0	50.0	3.0	40.0	32.0	2.0	5.0	9.0	42.5
38.0	54.0	58.0	49.0	56.0	4.0	44.0	33.5	2.0	6.0	9.0	45.0
40.0	56.0	60.0	51.0	58.0	4.0	46.0	33.5	2.0	6.0	9.0	45.0
43.0	59.0	63.0	54.0	61.0	4.0	49.0	33.5	2.0	6.0	9.0	45.0
45.0	61.0	65.0	56.0	63.0	4.0	51.0	33.5	2.0	6.0	9.0	45.0
48.0	64.0	68.0	59.0	66.0	4.0	54.0	33.5	2.0	6.0	9.0	45.0
50.0	66.0	70.0	62.0	70.0	4.0	57.0	34.0	2.5	6.0	9.0	47.5
53.0	69.0	73.0	65.0	73.0	4.0	60.0	34.0	2.5	6.0	9.0	47.5
55.0	71.0	75.0	67.0	75.0	4.0	62.0	34.0	2.5	6.0	9.0	47.5
58.0	78.0	83.0	70.0	78.0	4.0	65.0	39.0	2.5	6.0	9.0	52.5
60.0	80.0	85.0	72.0	80.0	4.0	67.0	39.0	2.5	6.0	9.0	52.5
63.0	83.0	88.0	75.0	83.0	4.0	70.0	39.0	2.5	6.0	9.0	52.5
65.0	85.0	90.0	77.0	85.0	4.0	72.0	39.0	2.5	6.0	9.0	52.5
68.0	88.0	93.0	81.0	90.0	4.0	75.0	37.0	2.5	7.0	9.0	52.5
70.0	90.0	95.0	83.0	92.0	4.0	77.0	44.5	2.5	7.0	9.0	60.0
75.0	99.0	104.0	88.0	97.0	4.0	82.0	44.5	2.5	7.0	9.0	60.0
80.0	104.0	109.0	95.0	105.0	4.0	88.0	44.0	3.0	7.0	9.0	60.0
85.0	109.0	114.0	100.0	110.0	4.0	93.0	44.0	3.0	7.0	9.0	60.0
90.0	114.0	119.0	105.0	115.0	4.0	98.0	49.0	3.0	7.0	9.0	65.0
95.0	119.0	124.0	110.0	120.0	4.0	104.0	49.0	3.0	7.0	9.0	65.0
100.0	124.0	129.0	115.0	125.0	4.0	108.0	49.0	3.0	7.0	9.0	65.0



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