

Flush Mount Design – LN Standard Operating Parameters

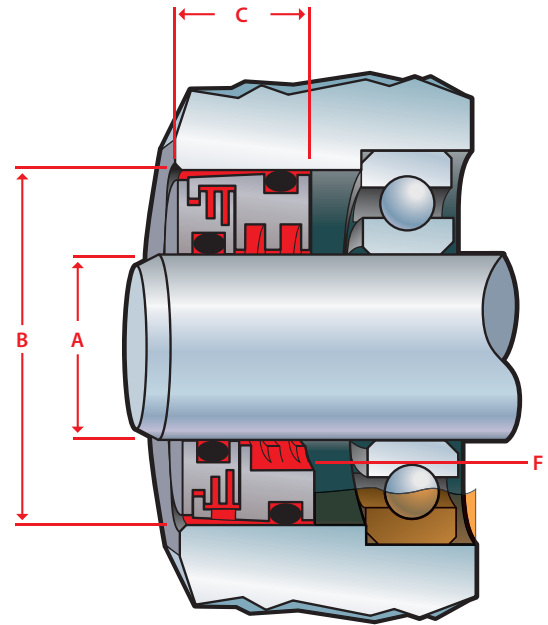
Total Eccentricity: .020" (.51 mm)
 Shaft Speed: Up to 5,000 fpm (25 m/s)
 Pressure: 0 psi / bar
 Temperature Range: -40 to 250 F (-40 to +121 C)
 Axial Movement: .020" (.51 mm) special designs up to .070" (1.78 mm)
 Shaft / Bore Tolerances: ± .002" (± .05 mm)
 Special designs available

Seal Material:

Standard Proprietary PTFE
 Optional Food grade, Anti microbial, FDA 3A

O-Ring Material:

Standard FKM
 Optional NBR, FDA silicone, EPDM, Aflas®



MOUNTING		LUBRICATION		
	Position	Grease	Oil	Dry
Horizontal	Y	Y	Y	Y
Vertical Up	NR*	Y	Y	Y
Vertical Down	Y	Y	N	Y

*Not Recommended (NR). If contaminant level is heavy see "LW" design (page 12)

Retain: Grease and oil splash (operating oil level in cavity between seal and bearing must be below inboard oil drain-back port of seal "F")

Exclude: Heavy water spray and dry contaminants from bearing cavity

Equipment: Applications requiring seal to be flush mounted to equipment housing. Motors, pumps, mixers, gearboxes, blowers and custom equipment

STANDARD DIMENSIONS			
Type	"A" Shaft Diameter Range Inch	"B" Bore Diameter Range Is Shaft Diameter "A" + Min-Max	"C" In Bore Depth
LNE	0.500 – 4.000	0.750 – 1.500	0.562
LNE	4.001 – 10.000 ¹	0.874 – 1.500	0.625

Type	"A" Shaft Diameter Range Metric	"B" Bore Diameter Range Is Shaft Diameter "A" + Min-Max	"C" In Bore Depth
LNM	12.0 – 80.0	14.0 – 40.0	10.0
LNM	80.1 – 130.0	16.0 – 40.0	12.0
LNM	130.1 – 250.0 ¹	18.0 – 40.0	15.0

¹ Contact factory for requirements outside of standard dimensions listed above
 Note: Cross Section = (Bore – Shaft) / 2