

Non-Flanged Flooded Design – FN-360 Standard Operating Parameters

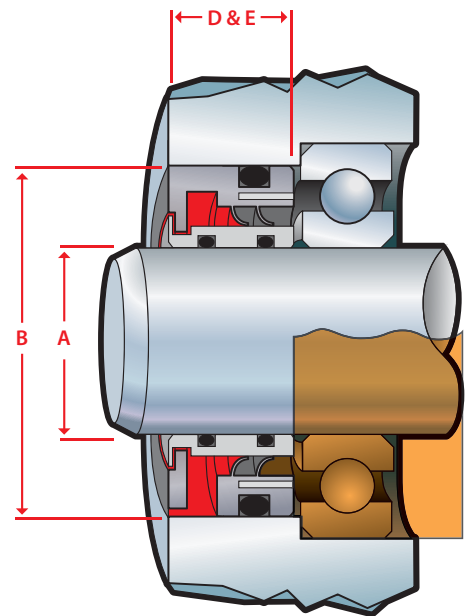
- Total Eccentricity: .003" (.08 mm)
- Shaft Speed: Up to 5,000 fpm¹ (25 m/s)
- Pressure: 5 psi (.344)
- Temperature Range: -40 to 250 F (-40 to +121 C)
- Axial Movement: .003" (.08 mm)
- Shaft / Bore Tolerances: ± .002" (± .05 mm)
- Special designs available

Seal Material:

- Standard Proprietary PTFE and SS Sleeve
- Optional Food grade PTFE and SS Sleeve
- Anti microbial PTFE and SS Sleeve
- FDA 3A PTFE and SS Sleeve

O-Ring Material:

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



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

*For Vertical Up, contact factory if contaminant level is high

- Retain:** Grease, oil splash, oil mist or oil flooded
- Exclude:** Heavy water spray and dry contaminants from bearing cavity
- Equipment:** Ideal for equipment used in food processing or subjected to frequent wash down where positive oil retention is required. Flooded oil or severe splash retention for gearboxes, motors, pumps, mixers, cooling towers, aerators 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
FNE	0.500 – 3.000	0.750 – 1.500	0.591
FNE	3.001 – 6.000	0.750 – 1.500	0.591
FNE	6.001 – 10.000	0.874 – 1.500	0.630

Type	"A" Shaft Diameter Range Metric	"B" Bore Diameter Range Is Shaft Diameter "A" + Min-Max	"C" In Bore Depth
FNM	12.7 – 76.2	19.0 – 40.0	15.0
FNM	76.3 – 152.4	19.0 – 40.0	15.0
FNM	152.5 – 254.0 ²	22.2 – 40.0	16.0

¹ Contact factory for speeds over 3,000 fpm (25 m/s)
² Contact factory for requirements outside of standard dimensions listed above
 Note: Cross Section = (Bore – Shaft) / 2