



# MILLER BEARING COMPANY, INC.

420 PORTAGE BOULEVARD

BRIMFIELD, OHIO 44240

330-678-8844 • FAX:330-678-1765

[www.millerbearing.com](http://www.millerbearing.com) • [sales@millerbearing.com](mailto:sales@millerbearing.com)

## Bearing Temperature Ratings

PFR ABEC Precision Bearings	MIN	MAX
	( -4° f / -20° c )	( 220° f / 104° c )
Limiting factor	Grease	Ball Retainer *

FR Heavy Duty Semi-Precision		
Standard Grease**	( -20° f / -29° c )	( 220° f / 104° c )
Standard Oil	( -20° f / -29° c )	( 140° f / 60° c )
Limiting Factor	Lube type	Ball Retainer *

FR Stainless Steel Semi-Precision		
Standard Grease**	( -20° f / -29° c )	( 220° f / 104° c )
Standard Oil	( -20° f / -29° c )	( 140° f / 60° c )
Limiting Factor	Lube type	Ball Retainer *

2511 Medium Duty Semi-Precision		
Standard Grease**	( -20° f / -29° c )	( 220° f / 104° c )
Standard Oil	( -20° f / -29° c )	( 140° f / 60° c )
Limiting Factor	Lube type	Ball Retainer *

MF(C) Commercial Duty Non-Precision		
Standard Grease**	( -20° f / -29° c )	( 350° f / 177° c )
Standard Oil	( -20° f / -29° c )	( 140° f / 60° c )
"FC" (Polypropylene "plastic" bore)	( -20° f / -29° c )	( 220° f / 104° c )
Limiting Factor	Lube type	Case Hardness / Oil / Polypropylene bore

F Series Light Duty		
Standard Grease**	( -20° f / -29° c )	( 350° f / 177° c )
Standard Oil	( -20° f / -29° c )	( 140° f / 60° c )
Limiting Factor	Lube type	Case Hardness / Oil

R Series Non-Flanged Roller		
Standard Grease**	( -20° f / -29° c )	( 220° f / 104° c )
Standard Oil	( -20° f / -29° c )	( 140° f / 60° c )
Limiting Factor	Lube type	Ball Retainer *

LF & WF		
Standard Grease**	( -20° f / -29° c )	( 350° f / 177° c )
Standard Oil	( -20° f / -29° c )	( 140° f / 60° c )
Limiting Factor	Lube type	Case Hardness / Oil

\* 66 Nylon Ball Retainer is not replaceable

\*\* Grease = We Offer the following as alternates to our standard grease and must be requested at order placement.

USDA Grease	( -0° f / -18° c )	( 275° f / 135° c )
SuperLube Grease	( -45° f / -43° c )	( 350° f / 177° c )
Aeroshell #7	( -70° f / -57° c )	( 250° f / 121° c )

NOTE: Custom lubricants can be used upon request; lubricant along with an up-to-date SDS sheet must be supplied by customer when ordering. Please call (330-678-8844) or email [Sales@MillerBearing.com](mailto:Sales@MillerBearing.com) for amount needed to fill order.