



## RBI Bearing, Inc.

### Product Comparison Metric Deep Groove Radial Ball Bearing Series



#### **RBtech** PREMIUM Bearings

<b>Seals</b> ▶	Textured blue Buna N Nitrile Double Lip seals
<b>Lubrication</b> ▶	Wide temperature range Mobil Polyrex EM2 (-40° to +350°F)
<b>Noise Testing</b> ▶	Noise tested before and after lubrication
<b>Noise Level*</b> ▶	Passes V2 Noise Vibration Standards Smaller Sizes, V3 Standards Larger Bore - Meets or exceeds Electric Motor Requirements
<b>Precision Balls</b> ▶	Matched ABMA Grade 10 or better for roundness
<b>Raceways</b> ▶	Finely honed Super Finished for long life and low noise
<b>Quality Level</b> ▶	RBtech Premium bearings meet or exceed ABEC 3 tolerances
<b>Testing</b> ▶	Independent Endurance Testing has verified RBtech Premium bearings outperformed all low cost bearings and matched or exceeded the performance of well-known brand name bearings
<b>Packaging</b> ▶	Available in Premium, heavy-duty corrugated boxes with bar codes

#### **RBtech** STANDARD Bearings

<b>Seals</b> ▶	Black Buna N Nitrile Double Lip seals
<b>Lubrication</b> ▶	Chevron SRI-2 (-20° to +350°F)
<b>Noise Testing</b> ▶	Noise tested after lubrication
<b>Noise Level</b> ▶	Passes V1 Noise Vibration Standard for low noise
<b>Precision Balls</b> ▶	ABMA Grade 10 or better
<b>Quality Level</b> ▶	RBtech Standard bearings meet or exceed ABEC 1 tolerances
<b>Raceways</b> ▶	Super Finished to reduce noise

*Vibration and Noise Level Charts for Z1, V1, Z2, V2, Z3 and V3 Are Available Upon Request  
\*Noise Level Standards Do Not Include Stainless Steel Series Bearings*

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