

Part Numbering System

The NMB Part Numbering System is comprised of the base part number and specification. The NMB Part Numbering system is unique to Minebea. JIS Part Numbering is based on a system that is defined in the JIS 1513 standard.

NMB Part Number

Base Part Number				
Ring & Ball Material		Series		Size
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DD		R-		1560
No Code	SAE52100 or Equivalent Bearing Steel	Metric Radial Ball Bearing: R-(RF-) R-Series (Flanged)		Derived from the outside and bore diameters.
DD	Martensitic Stainless Steel	L-(LF-) L-Series (Flanged)		Ex: Metric Size
CE	Outer/Inner Ring: SAE52100 or Equivalent Bearing Steel Ball: Ceramic	A- Ultra Thin Type		1560 OD 15mm Bore 6mm
		RNR- R-Series with External Retaining Ring		Ex: Inch Size
		LNR- L-Series with External Retaining Ring		418 OD 4/16 inch Bore 1/8 inch
		Inch Radial Ball Bearing:		X If the bearing design is different from basic, this comes after basic symbols.
		RI- Inch Type		
		(R-) Used for particular Inch Types		
		RIF- Inch Flanged Type		Ex: 1560X2 OD = 15 mm Bore = 6 mm Internal Design = X2 Type
		Thrust Ball Bearing:		
		T-		
		Special Type:		
		ZB- Integrated Shaft Bearing		
		AS- Special Type		
Base Part Number				
Enclosure		Noise Grade/Special Feature		Retainer
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ZZ		MT		R
No Code	Open	No Code	Standard	R Ribbon Retainer (Steel)
Z	Metallic Shield (Fitted with Snap-Ring)	MT	Electric motor quality (For extremely noise sensitive applications)	H Crown Retainer (Steel)
H	Metallic Shield (Pressed)			MN Plastic Retainer (Glass Fiber reinforced)
K	Metallic Shield (Staked)	SD	Special Design	Note: Other materials are also available for the plastic retainer.
D	Rubber Seal (Contact)	W	Wider width than standard	
S	Rubber Seal (Non-Contact)	Y	Narrower width than standard	
		EE	Extended Inner Ring	
Note: Double symbol indicates enclosures on both sides (e.g. ZZ, DD).				