

10. Prefixes and Suffixes

Prefixes and suffixes are used to identify components, designs or variants of bearings. Moreover this will help to avoid confusion with other bearing designations. Most commonly used prefixes and suffixes are listed below.

PREFIX	SUFFIX	EXPLANATION
AN		Lock Nut
ANL		Lock Nut
AW		Lock Washer
AWL		Lock Washer
	B	Contact angle 40° for Angular contact ball bearing
	CA	Brass cage with symmetrical rollers
	CC	Flangless inner ring, symmetrical rollers, loose guide ring, window type steel cage with enhanced roller guidance
	CN	Radial Clearance Standard
	C3	Radial Clearance Larger than CN
	DU	Bush type plain bearing
	E	Controlled clearance specially for electrical motors
F		Metric series miniature ball bearing with Flange
G		Groove and Lubrication holes in the outer ring
	FDU	Bush type plain bearing with Flange
H		Adapter sleeve for mm size shaft
HA		Adapter sleeve for inch size shaft
HE		Adapter sleeve for inch size shaft
HS		Adapter sleeve for inch size shaft
K		Needle roller cage
	K	Tapered bearing Bore, taper 1:12
	K30	Tapered bearing Bore, taper 1:30
	M	Machined Brass Cage
MB		Bush type plain bearing of mm dimension
	MB	Two piece brass cage with symmetrical rollers
	/++MM	Special mm size Bore Diameter (Eg 6202ZZ/17MM, ID=17mm)
MR		Metric series miniature ball bearing Special Dimensions
MF		Metric series miniature ball bearing Special Dimensions with Flange
	N	Groove on outer ring
	NR	Snap ring on outer ring groove
	PP	Both side Rubber seal
	P0	Standard Tolerance Class
	P4	Tolerance is higher than P5
	P5	Tolerance is higher than P6
	P6	Tolerance is higher than P0
	2RS	Both side Rubber seal
R		Bearing ring with rolling element and cage assembly of separable roller bearing
R		Inch series miniature ball bearing
77R		Inch series ball bearing with both side metal shield
99R		Inch series ball bearing with both side rubber seal
SS		Stainless steel bearing
	V2Z2	Controlled Clearance, Vibration and Frequency: Specially for electrical motors
	V3Z3	Higher controlled Clearance, Vibration and Frequency than V2Z2: Specially for electrical motors
	W33	Groove and lubrication holes on outer ring
	X	Inner Diameter is different from the standard dimension for Miniature Bearings
	Y++	Bearing thickness is different from standard (Eg. 6205Y14, Special thickness of 14mm)
	ZZ	Both side Metal shield
		Grease Suffixes, please look for "Lubrication and Storage" section, Page 33