

COOPER Split Roller Bearing 100 Series

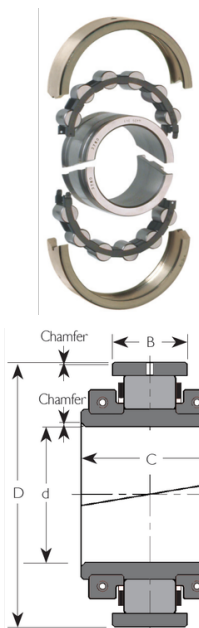
The Cooper Split Roller Bearing uses cylindrical rollers and components made in halves. Assembly of these halves around the shaft eliminates removal of couplings, gearboxes, pulleys etc, and simplifies shaft design. Cylindrical rollers allow unrestricted shaft expansion within the 'EX' bearing and can accommodate moderate axial loads with the 'GR' bearing.

FIXED TYPE BEARINGS (GR)

The outer race of the fixed [GR] bearing has shoulders integral with the roller track, while the inner race assembly has shoulders formed by hardened lips on the clamping rings or similar integral shoulders. This type of bearing provides axial location to the rotating portions of machinery and can sustain both radial and axial loading. The inner race halves are accurately aligned by means of fitted clamping rings.

EXPANSION TYPE BEARINGS (EX)

The expansion [EX] bearing has a plain outer race roller track. This bearing takes radial load only. The inner race is clamped to the shaft, and moves axially with it when expansion or contraction occurs. The Cooper expansion bearing offers virtually no resistance to axial movement as the rollers spiral through the outer race.



Manufacturer ID	Inner diameter in	Inner diameter mm	Bearing type	Internal clearance	Article
100B75MEX		75	Expansion Bearing	CN (normal)	13380600
100B75MGR		75	Fixed bearing	CN (normal)	13380599
100B85MEX		85	Expansion Bearing	CN (normal)	13380597
100B85MGR		85	Fixed bearing	CN (normal)	13380598
100B100MEX		100	Expansion Bearing	CN (normal)	13380596
100B100MGR		100	Fixed bearing	CN (normal)	13380595
100B110MEX		110	Expansion Bearing	CN (normal)	13380593
100B110MGR		110	Fixed bearing	CN (normal)	13380594
100B120MEX		120	Expansion Bearing	CN (normal)	13380592
100B120MEX02		120	Expansion Bearing	C2	13380767
100B120MGR		120	Fixed bearing	CN (normal)	13380591
100B125MGR		125	Fixed bearing	CN (normal)	13380797
100B130MEX02		130	Expansion Bearing	C2	13380730
100B130MEX		130	Expansion Bearing	CN (normal)	13380589
100B130MGR03		130	Fixed bearing	C3	13380760
100B130MGR		130	Fixed bearing	CN (normal)	13380590
100B140MEX		140	Expansion Bearing	CN (normal)	13380588
100B140MEX02		140	Expansion Bearing	C2	13380740
100B140MGR		140	Fixed bearing	CN (normal)	13380587
100B150MEX		150	Expansion Bearing	CN (normal)	13380585
100B150MGR		150	Fixed bearing	CN (normal)	13380586
100B215EX	2.15/16		Expansion Bearing	CN (normal)	13380581
100B215GR	2.15/16		Fixed bearing	CN (normal)	13380580
100B300EX	3		Expansion Bearing	CN (normal)	13380582
100B300GR	3		Fixed bearing	CN (normal)	13380583
100B400EX	4		Expansion Bearing	CN (normal)	13380584
100B508EX	5.1/2		Expansion Bearing	CN (normal)	13380627
100B508GR	5.1/2		Fixed bearing	CN (normal)	13380628
100B507EX03	5.7/16		Expansion Bearing	C3	13380635

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