

COOPER Split Roller Bearing 02/02E Series

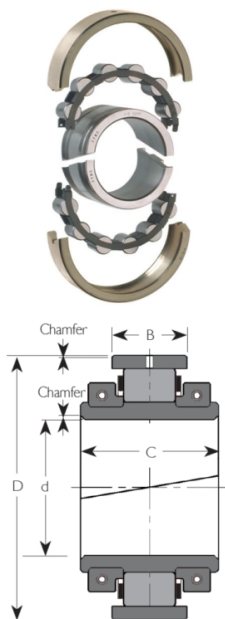
The Cooper Split Roller Bearing uses cylindrical rollers and components made in halves. Assembly of these halves around the shaft eliminates removal of couplings, gearboxes, pulleys etc, and simplifies shaft design. Cylindrical rollers allow unrestricted shaft expansion within the 'EX' bearing and can 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 <small>Max. 200 articles in the table</small>
02B112EX	1.3/4		Expansion Bearing	CN (normal)	13379703
02B112GR	1.3/4		Fixed bearing	CN (normal)	13379704
02B115EX	1.15/16		Expansion Bearing	CN (normal)	13379705
02B115GR	1.15/16		Fixed bearing	CN (normal)	13379706
02B200EX	2		Expansion Bearing	CN (normal)	13379736
02B200GR	2		Fixed bearing	CN (normal)	13379737
02B200GR03	2		Fixed bearing	C3	13379738
02B203EX	2.3/16		Expansion Bearing	CN (normal)	13379739
02B203GR	2.3/16		Fixed bearing	CN (normal)	13379740
02B204EX	2.1/4		Expansion Bearing	CN (normal)	13379741
02B204GR	2.1/4		Fixed bearing	CN (normal)	13379742
02B208EX	2.1/2		Expansion Bearing	CN (normal)	13379745
02B208GR	2.1/2		Fixed bearing	CN (normal)	13379746
02B211EX	2.11/16		Expansion Bearing	CN (normal)	13379747
02B211GR	2.11/16		Fixed bearing	CN (normal)	13379748
02B212EX	2.3/4		Expansion Bearing	CN (normal)	13379749
02B212GR	2.3/4		Fixed bearing	CN (normal)	13379750
02B215EX	2.15/16		Expansion Bearing	CN (normal)	13379751
02B215EX03	2.15/16		Expansion Bearing	C3	13379752
02B215GR03	2.15/16		Fixed bearing	C3	13379754
02B215GR	2.15/16		Fixed bearing	CN (normal)	13379753
02B300EX	3		Expansion Bearing	CN (normal)	13379755
02B300GR	3		Fixed bearing	CN (normal)	13379756
02B303EX	3.3/16		Expansion Bearing	CN (normal)	13379757
02B303EX03	3.3/16		Expansion Bearing	C3	13379758
02B303GR03	3.3/16		Fixed bearing	C3	13379760
02B303GR	3.3/16		Fixed bearing	CN (normal)	13379759
02B304EX	3.1/4		Expansion Bearing	CN (normal)	13379761
02B304GR	3.1/4		Fixed bearing	CN (normal)	13379762
02B307EX	3.7/16		Expansion Bearing	CN (normal)	13379763

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Manufacturer ID	Inner diameter	Inner diameter	Bearing type	Internal clearance	Article
	in	mm			
02B307EX03	3.7/16		Expansion Bearing	C3	13379764
02B307GR03	3.7/16		Fixed bearing	C3	13379766
02B307GR	3.7/16		Fixed bearing	CN (normal)	13379765
02B308EX	3.1/2		Expansion Bearing	CN (normal)	13379767
02B308GR	3.1/2		Fixed bearing	CN (normal)	13379768
02B312EX	3.3/4		Expansion Bearing	CN (normal)	13379769
02B312GR	3.3/4		Fixed bearing	CN (normal)	13379770
02B315EX	3.15/16		Expansion Bearing	CN (normal)	13379771
02B315EX03	3.15/16		Expansion Bearing	C3	13379772
02B315GR	3.15/16		Fixed bearing	CN (normal)	13379773
02B400EX	4		Expansion Bearing	CN (normal)	13379780
02B400EX03	4		Expansion Bearing	C3	13379781
02B400GR03	4		Fixed bearing	C3	13379783
02B400GR	4		Fixed bearing	CN (normal)	13379782
02B403EX	4.3/16		Expansion Bearing	CN (normal)	13379785
02B403GR	4.3/16		Fixed bearing	CN (normal)	13379786
02B404EX	4.1/4		Expansion Bearing	CN (normal)	13379787
02B404GR	4.1/4		Fixed bearing	CN (normal)	13379788
02B407EX	4.7/16		Expansion Bearing	CN (normal)	13379789
02B407EX03	4.7/16		Expansion Bearing	C3	13379790
02B407GR03	4.7/16		Fixed bearing	C3	13379792
02B407GR	4.7/16		Fixed bearing	CN (normal)	13379791
02B408EX	4.1/2		Expansion Bearing	CN (normal)	13379793
02B408GR	4.1/2		Fixed bearing	CN (normal)	13379794
02B415EX	4.15/16		Expansion Bearing	CN (normal)	13379795
02B415EX03	4.15/16		Expansion Bearing	C3	13379796
02B415EX02	4.15/16		Expansion Bearing	C2	13380391
02B415GR02	4.15/16		Fixed bearing	C2	13380390
02B415GR	4.15/16		Fixed bearing	CN (normal)	13379797
02B500EX	5		Expansion Bearing	CN (normal)	13379296
02B500GR	5		Fixed bearing	CN (normal)	13379800
02B500GR03	5		Fixed bearing	C3	13379801
02B504EX03	5.1/4		Expansion Bearing	C3	13379807
02B504GR03	5.1/4		Fixed bearing	C3	13379809
02B504GR	5.1/4		Fixed bearing	CN (normal)	13379808
02B508EX	5.1/2		Expansion Bearing	CN (normal)	13379813
02B508GR	5.1/2		Fixed bearing	CN (normal)	13379814
02B600EX	6		Expansion Bearing	CN (normal)	13379822
02B600GR	6		Fixed bearing	CN (normal)	13379823
02B600GR03	6		Fixed bearing	C3	13379824
02EB608EX	6.1/2		Expansion Bearing	CN (normal)	13380683
02EB608GR	6.1/2		Fixed bearing	CN (normal)	13380684
02EB615EX	6.15/16		Expansion Bearing	CN (normal)	13380687
02EB615GR	6.15/16		Fixed bearing	CN (normal)	13380688
02EB700EX	7		Expansion Bearing	CN (normal)	13380689
02EB700GR	7		Fixed bearing	CN (normal)	13380690
02EB800EX	8		Expansion Bearing	CN (normal)	13380697
02B800EX	8		Expansion Bearing	CN (normal)	13379286
02EB800GR	8		Fixed bearing	CN (normal)	13380698
02EB900EX	9		Expansion Bearing	CN (normal)	13380701
02EB900GR	9		Fixed bearing	CN (normal)	13380702
02EB1000EX	10		Expansion Bearing	CN (normal)	13380707
02EB1000GR	10		Fixed bearing	CN (normal)	13380708

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Manufacturer ID	Inner diameter	Inner diameter	Bearing type	Internal clearance	Article
	in	mm			
02EB1100EX	11		Expansion Bearing	CN (normal)	13380711
02EB1100GR	11		Fixed bearing	CN (normal)	13380712
02EB1108EX	11.1/2		Expansion Bearing	CN (normal)	13380715
02B1212EX	12.3/4		Expansion Bearing	CN (normal)	13379715
02B1300EX	13		Expansion Bearing	CN (normal)	13379718
02B1300GR	13		Fixed bearing	CN (normal)	13379719
02B1400EX	14		Expansion Bearing	CN (normal)	13379726
02B1400GR	14		Fixed bearing	CN (normal)	13379727
02B1600EX	16		Expansion Bearing	CN (normal)	13379735
02B45MGR		45	Fixed bearing	CN (normal)	13379798
02B50MEX02		50	Expansion Bearing	C2	13379815
02B50MEX		50	Expansion Bearing	CN (normal)	12964092
02B50MGR02		50	Fixed bearing	C2	13379816
02B50MGR		50	Fixed bearing	CN (normal)	12964094
02B55MEX		55	Expansion Bearing	CN (normal)	13380527
02B55MGR		55	Fixed bearing	CN (normal)	13379821
02B60MEX03		60	Expansion Bearing	C3	13379826
02B60MEX		60	Expansion Bearing	CN (normal)	13292220
02B60MEX02		60	Expansion Bearing	C2	13379825
02B60MGR02		60	Fixed bearing	C2	13379827
02B60MGR		60	Fixed bearing	CN (normal)	13292221
02B65MEX		65	Expansion Bearing	CN (normal)	13379828
02B65MGR		65	Fixed bearing	CN (normal)	13379287
02B70MEX02		70	Expansion Bearing	C2	13379829
02B70MEX		70	Expansion Bearing	CN (normal)	13220056
02B70MGR		70	Fixed bearing	CN (normal)	13230673
02B75MEX		75	Expansion Bearing	CN (normal)	13379830
02B75MEX02		75	Expansion Bearing	C2	13379831
02B75MGR		75	Fixed bearing	CN (normal)	13379832
02B75MGR02		75	Fixed bearing	C2	13379833
02B80MEX		80	Expansion Bearing	CN (normal)	13286241
02B80MGR		80	Fixed bearing	CN (normal)	12999795
02B85MEX		85	Expansion Bearing	CN (normal)	13379834
02B85MGR		85	Fixed bearing	CN (normal)	13379835
02B90MEX02		90	Expansion Bearing	C2	13379836
02B90MGR02		90	Fixed bearing	C2	13379837
02B90MGR03		90	Fixed bearing	C3	13379838
02B95MEX		95	Expansion Bearing	CN (normal)	13379839
02B100MEX02		100	Expansion Bearing	C2	13379697
02B100MEX03		100	Expansion Bearing	C3	13379698
02B100MEX		100	Expansion Bearing	CN (normal)	12999796
02B100MGR		100	Fixed bearing	CN (normal)	12999797
02B100MGR03		100	Fixed bearing	C3	13379700
02B100MGR02		100	Fixed bearing	C2	13379699
02B105MEX		105	Expansion Bearing	CN (normal)	13379701
02B105MGR		105	Fixed bearing	CN (normal)	13379702
02B110MEX		110	Expansion Bearing	CN (normal)	12999672
02B110MGR		110	Fixed bearing	CN (normal)	12999713
02B115MEX02		115	Expansion Bearing	C2	13379709
02B115MEX		115	Expansion Bearing	CN (normal)	13379708
02B115MGR02		115	Fixed bearing	C2	13379711
02B115MGR		115	Fixed bearing	CN (normal)	13379710
02B120MEX		120	Expansion Bearing	CN (normal)	12134401

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	in	mm			
02B120MEX03		120	Expansion Bearing	C3	13379712
02B120MGR		120	Fixed bearing	CN (normal)	13379713
02B120MGR03		120	Fixed bearing	C3	13379714
02B125MEX		125	Expansion Bearing	CN (normal)	13379716
02B125MGR		125	Fixed bearing	CN (normal)	13379717
02B130MEX03		130	Expansion Bearing	C3	13379721
02B130MEX		130	Expansion Bearing	CN (normal)	13379720
02B130MGR03		130	Fixed bearing	C3	13379723
02B130MGR		130	Fixed bearing	CN (normal)	13379722
02B135MEX		135	Expansion Bearing	CN (normal)	13379724
02B135MGR		135	Fixed bearing	CN (normal)	13379725
02B140MEX		140	Expansion Bearing	CN (normal)	13379728
02B140MGR		140	Fixed bearing	CN (normal)	13379729
02B145MEX		145	Expansion Bearing	CN (normal)	13379730
02B145MGR		145	Fixed bearing	CN (normal)	13379731
02B150MEX03		150	Expansion Bearing	C3	13380405
02B150MEX		150	Expansion Bearing	CN (normal)	12999798
02B150MGR		150	Fixed bearing	CN (normal)	12999799
02B155MEX		155	Expansion Bearing	CN (normal)	13379732
02B155MGR		155	Fixed bearing	CN (normal)	13379733
02B155MGR02		155	Fixed bearing	C2	13379734
02EB160MEX		160	Expansion Bearing	CN (normal)	13380681
02EB160MGR		160	Fixed bearing	CN (normal)	13380682
02EB170MEX		170	Expansion Bearing	CN (normal)	13380685
02EB170MGR		170	Fixed bearing	CN (normal)	13380686
02EB180MEX		180	Expansion Bearing	CN (normal)	13380691
02EB180MGR		180	Fixed bearing	CN (normal)	13380692
02EB190MEX		190	Expansion Bearing	CN (normal)	13380693
02EB190MGR		190	Fixed bearing	CN (normal)	13380694
02EB200MEX		200	Expansion Bearing	CN (normal)	13380695
02EB200MGR		200	Fixed bearing	CN (normal)	13380696
02EB220MEX		220	Expansion Bearing	CN (normal)	13380699
02EB220MGR		220	Fixed bearing	CN (normal)	13380700
02EB240MEX		240	Expansion Bearing	CN (normal)	13380703
02EB240MGR		240	Fixed bearing	CN (normal)	13380704
02EB250MEX		250	Expansion Bearing	CN (normal)	13380705
02EB250MGR		250	Fixed bearing	CN (normal)	13380706
02EB260MEX		260	Expansion Bearing	CN (normal)	13380709
02EB260MGR		260	Fixed bearing	CN (normal)	13380710
02EB280MEX		280	Expansion Bearing	CN (normal)	13380713
02EB280MGR		280	Fixed bearing	CN (normal)	13380714
02B320MEX		320	Expansion Bearing	CN (normal)	13379774
02B320MGR		320	Fixed bearing	CN (normal)	13379775
02B360MEX		360	Expansion Bearing	CN (normal)	13379776
02B360MEX02		360	Expansion Bearing	C2	13379777
02B380MEX		380	Expansion Bearing	CN (normal)	13379778
02B380MGR		380	Fixed bearing	CN (normal)	13379779
02B400MEX		400	Expansion Bearing	CN (normal)	13379784
02B460MEX		460	Expansion Bearing	CN (normal)	13379799
02B500MEX		500	Expansion Bearing	CN (normal)	13379802
02B500MGR		500	Fixed bearing	CN (normal)	13379803
02B507EX03	5.7/16		Expansion Bearing	C3	13379811
02B515EX03	5.15/16		Expansion Bearing	C3	13379819

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02B503EX03	5.3/16		Expansion Bearing	C3	13379805
02B503EX	5.3/16		Expansion Bearing	CN (normal)	13379804
02B515EX	5.15/16		Expansion Bearing	CN (normal)	13379818
02B512EX	5.3/4		Expansion Bearing	CN (normal)	13379817
02B207EX	2.7/16		Expansion Bearing	CN (normal)	13379743
02B507EX	5.7/16		Expansion Bearing	CN (normal)	13379810
02B515GR	5.15/16		Fixed bearing	CN (normal)	13379820
02B507GR	5.7/16		Fixed bearing	CN (normal)	13379812
02B207GR	2.7/16		Fixed bearing	CN (normal)	13379744
02B503GR	5.3/16		Fixed bearing	CN (normal)	13379806

Max. 200 articles in the table

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