



TIMKEN Single row deep groove ball bearing with snap ring groove and snap ring Steel Closure on one side

Single-row deep groove ball bearings are extremely versatile. They are simple in design, suitable for high to very high speeds, very robust and thus low-maintenance. Thanks to the deep grooves and the close contact between the grooves and the balls, deep groove ball bearings are extremely well suited to tolerate both radial loads and axial loads in both directions, even at high speeds. Single-row deep groove ball bearings with a ring groove can simplify the installation technically, as the bearings can be inserted with a locking ring into the housing in the axial direction. This saves time and space. Both open (unsealed) and sealed versions of the single-row deep groove ball bearings are available.

Characteristics

Series: 63

Type: 6309

Execution: Single row

Material: Steel

Sealing: Closure on one side

Groove type: with snap ring groove and snap ring

Manufacturer ID	Inner diameter mm	Outer diameter mm	Width mm	Internal clearance	Cage	Article
6200-Z-NR	10	30	9	CN [normal]	Steel	14196453
6201-Z-NR	12	32	10	CN [normal]	Steel	14196461
6202-Z-NR	15	35	11	CN [normal]	Steel	14196470
6302-Z-NR	15	42	13	CN [normal]	Steel	14196705
6203-Z-NR-C3	17	40	12	C3	Steel	14196480
6203-Z-NR	17	40	12	CN [normal]	Steel	14196479
6303-Z-NR-C3	17	47	14	C3	Steel	14196715
6303-Z-NR	17	47	14	CN [normal]	Steel	14196714
6004-Z-NR-C3	20	42	12	C3	Steel	14196247
6204-Z-NR-C3	20	47	14	C3	Steel	14196489
6204-Z-NR	20	47	14	CN [normal]	Steel	14196488
6304-Z-NR-C3	20	52	15	C3	Steel	14196724
6304-Z-NR	20	52	15	CN [normal]	Steel	14196723
304KDG Z5 FS50000	20	57.5	15	CN [normal]	Steel	24022703
6005-Z-NR	25	47	12	CN [normal]	Steel	14196254
6205-Z-NR-C3	25	52	15	C3	Steel	14196500
6205-Z-NR	25	52	15	CN [normal]	Steel	14196499
205KDG Z5 FS50000	25	57.5	15	CN [normal]	Steel	13162436
6305-Z-NR-C3	25	62	17	C3	Steel	14196733
6305-Z-NR	25	62	17	CN [normal]	Steel	14196732
305KDG Z6 FS50000	25	67.5	17	CN [normal]	Steel	24022708
6006-Z-NR-C3	30	55	13	C3	Steel	14196263
6006-Z-NR	30	55	13	CN [normal]	Steel	14196262
6206-Z-NR-C3	30	62	16	C3	Steel	14196512
6206-Z-NR	30	62	16	CN [normal]	Steel	14196511
6306-Z-NR-C3	30	72	19	C3	Steel	14196741
6306-Z-NR	30	72	19	CN [normal]	Steel	14196740
306KDG Z6 FS50000	30	78.2	19	CN [normal]	Steel	24022714
6207-Z-NR-C3	35	72	17	C3	Steel	14196520
6207-Z-NR	35	72	17	CN [normal]	Steel	14196519
207KDG Z6 FS50000	35	78.2	17	CN [normal]	Steel	13162401
6307-Z-NR-C3	35	80	21	C3	Steel	14196749
6307-Z-NR	35	80	21	CN [normal]	Steel	12831168

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Manufacturer ID	Inner diameter mm	Outer diameter mm	Width mm	Internal clearance	Cage	Article
307KDG Z6 FS50000	35	86.5	21	CN (normal)	Steel	24022725
6208-Z-NR-C3	40	80	18	C3	Steel	14196527
6208-Z-NR	40	80	18	CN (normal)	Steel	14196526
208KDG Z6 FS50000	40	86.5	18	CN (normal)	Steel	13162382
6308-Z-NR-C3	40	90	23	C3	Steel	14196757
6308-Z-NR	40	90	23	CN (normal)	Steel	12831192
308KDG Z6 FS50000	40	96.4	23	CN (normal)	Steel	13162306
6009-Z-NR	45	75	16	CN (normal)	Steel	14196286
6209-Z-NR-C3	45	85	19	C3	Steel	14196536
6209-Z-NR	45	85	19	CN (normal)	Steel	14196535
209KDG Z6 FS50000	45	91.3	19	CN (normal)	Steel	24022641
6309-Z-NR-C3	45	100	25	C3	Steel	14196765
6309-Z-NR	45	100	25	CN (normal)	Steel	12831233
309KDG Z6 FS50000	45	106.4	25	CN (normal)	Steel	24022738
6010-Z-NR-C3	50	80	16	C3	Steel	14196293
6010-Z-NR	50	80	16	CN (normal)	Steel	14196292
6210-Z-NR-C3	50	90	20	C3	Steel	14196544
6210-Z-NR	50	90	20	CN (normal)	Steel	14196543
6310-Z-NR-C3	50	110	27	C3	Steel	14196773
6310-Z-NR	50	110	27	CN (normal)	Steel	12831268
310KDG Z6 FS50000	50	116.3	27	CN (normal)	Steel	13162292
6011-Z-NR	55	90	18	CN (normal)	Steel	14196300
6211-Z-NR-C3	55	100	21	C3	Steel	14196552
6211-Z-NR	55	100	21	CN (normal)	Steel	14196551
6311-Z-NR-C3	55	120	29	C3	Steel	14196782
6311-Z-NR	55	120	29	CN (normal)	Steel	14196781
6012-Z-NR	60	95	18	CN (normal)	Steel	14196309
6212-Z-NR-C3	60	110	22	C3	Steel	14196561
6212-Z-NR	60	110	22	CN (normal)	Steel	14196560
6312-Z-NR-C3	60	130	31	C3	Steel	14196789
6312-Z-NR	60	130	31	CN (normal)	Steel	14196788
6013-Z-NR	65	100	18	CN (normal)	Steel	14196317
6213-Z-NR-C3	65	120	23	C3	Steel	14196570
6213-Z-NR	65	120	23	CN (normal)	Steel	14196569
6313-Z-NR-C3	65	140	33	C3	Steel	14196797
6313-Z-NR	65	140	33	CN (normal)	Steel	14196796
6014-Z-NR-C3	70	110	20	C3	Steel	14196324
6214-Z-NR-C3	70	125	24	C3	Steel	14196578
6214-Z-NR	70	125	24	CN (normal)	Steel	14196577
6314-Z-NR-C3	70	150	35	C3	Steel	14196803
6015-Z-NR	75	115	20	CN (normal)	Steel	14196330
6215-Z-NR-C3	75	130	25	C3	Steel	14196585
6215-Z-NR	75	130	25	CN (normal)	Steel	14196584
6315-Z-NR	75	160	37	CN (normal)	Steel	14196807
6016-Z-NR	80	125	22	CN (normal)	Steel	14196338
6216-Z-NR	80	140	26	CN (normal)	Steel	14196591
6017-Z-NR	85	130	22	CN (normal)	Steel	14196345
6218-Z-NR-C3	90	160	30	C3	Steel	14196614
6218-Z-NR	90	160	30	CN (normal)	Steel	14196613

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