



SKF Single row deep groove ball bearing with snap ring groove and snap ring Steel Closure on both sides

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. The appropriate locking rings can be supplied separately [supplement N] or pre-assembled on the bearing [supplement NR]. Both open [unsealed] and sealed versions of the single-row deep groove ball bearings are available. Bearings sealed on both sides have lifetime lubrication and therefore need not be regreased during use. They have been filled with the exact quantity of high-quality lubricant under controlled conditions.

Bearing with cover plates 2Z:

The cover plates, manufactured from sheet steel, are primarily suited to applications where the i-race of the bearing rotates. There is a sealing gap between the outer edge of the plate and the i-race. The clearance between the cover plate and the i-race is designed in such a way that no contact can be made, even if the bearing exhibits a large amount of radial play. To prevent corrosion, the cover plates are galvanized.

Bearing with contact seals 2RSH, 2RS1:

Contact seals are made from nitrile butadiene rubber [NBR] with sheet steel reinforcement. The seals are fitted in the recesses of the o-race. In contrast to the low-friction seal, the contact seal makes contact with the i-race. The contact seal prevents the ingress of any dust or moisture into the bearing.

Characteristics

Series: 63

Type: 6306

Execution: Single row

Material: Steel

Sealing: Closure on both sides

Groove type: with snap ring groove and snap ring

Manufacturer ID	Inner diameter mm	Outer diameter mm	Width mm	Internal clearance	Cage	Article
6200-2ZNR	10	30	9	CN [normal]	Steel	23758176
6200 2RSNRJ EM	10	30	9	CN [normal]	Steel	12121371
6200-2RSHNR/C3GJN	10	34.7	9	C3	Steel	12692883
6201-2ZNR	12	32	10	CN [normal]	Steel	23758198
6201-2RSHNR/C3GJN	12	32	10	C3	Steel	24002410
6002-2ZNR	15	32	9	CN [normal]	Steel	23757580
6002-2RSHNR/C3GJN	15	32	9	C3	Steel	24002274
6002-2RSHNR	15	32	9	CN [normal]	Steel	23757570
6202-2ZNR	15	35	11	CN [normal]	Steel	23758229
6202-2RSHNR	15	35	11	CN [normal]	Steel	23758215
6003-2RSHNR	17	35	10	CN [normal]	Steel	23757591
6203-2ZNR	17	40	12	CN [normal]	Steel	23772429
6203-2RSHNR	17	40	12	CN [normal]	Steel	23758248
6203-2RSHNR/GJN	17	44.6	12	CN [normal]	Steel	13197781
6004-2ZNR	20	42	12	CN [normal]	Steel	23757623
6004-2RSHNR	20	42	12	CN [normal]	Steel	23757612
6204-2ZNR	20	47	14	CN [normal]	Steel	23758292

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Manufacturer ID	Inner diameter mm	Outer diameter mm	Width mm	Internal clearance	Cage	Article
6204-2RSHNR	20	47	14	CN (normal)	Steel	23758280
6304-2ZNR	20	52	15	CN (normal)	Steel	23758852
6304-2RSHNR	20	52	15	CN (normal)	Steel	12227554
6204-2ZNR/C3GJN	20	52.7	14	C3	Steel	13197857
6204-2RSHNR/C3GJN	20	52.7	14	C3	Steel	13197842
6005-2ZNR	25	47	12	CN (normal)	Steel	23757645
6005-2RSHNR	25	47	12	CN (normal)	Steel	23757636
6205-2ZNR	25	52	15	CN (normal)	Steel	23758334
6205-2RSHNR/C3GJN	25	52	15	C3	Steel	23758319
6205-2RSHNR	25	52	15	CN (normal)	Steel	23758318
6205-2ZNR/GJN	25	57.9	15	CN (normal)	Steel	13197893
6205-2RSHNR/GJN	25	57.9	15	CN (normal)	Steel	13197882
6305-2ZNR	25	62	17	CN (normal)	Steel	23758880
6305-2RSINR	25	62	17	CN (normal)	Steel	23758872
6305-2RSINR/C3GJN	25	67.7	17	C3	Steel	13198398
6305-2RSINR/W64	25	67.7	17	CN (normal)	Steel	13198400
6006-2RSINR	30	55	13	CN (normal)	Steel	23757660
6006 2RSNRJEM	30	55	13	CN (normal)	Steel	12121354
6206-2ZNR	30	62	16	CN (normal)	Steel	23758371
6206-2RSINR/C3	30	62	16	C3	Steel	23758357
6206-2RSINR	30	62	16	CN (normal)	Steel	23758356
6306-2ZNR	30	72	19	CN (normal)	Steel	23758908
6306-2RSINR/C3	30	72	19	C3	Steel	12174062
6306-2RSINR	30	72	19	CN (normal)	Steel	23758899
6007-2RSINR	35	62	14	CN (normal)	Steel	23757681
6207-2ZNR	35	72	17	CN (normal)	Steel	23758401
6207-2RSINR/C3	35	78.6	17	C3	Steel	13197971
6207-2RSINR/C3W64	35	78.6	17	C3	Steel	23758393
6207-2RSINR	35	78.6	17	CN (normal)	Steel	13529742
6207-2RSINR/R802	35	78.6	17	CN (normal)	Steel	13365555
6207-2RSINR/W64	35	78.6	17	CN (normal)	Steel	13197973
6307-2ZNR/GJN	35	80	21	CN (normal)	Steel	24202703
6307-2RSINR	35	80	21	CN (normal)	Steel	23758926
6008-2RSINR/C3	40	68	15	C3	Steel	23757696
6208-2ZNR	40	80	18	CN (normal)	Steel	23758429
6208-2RSINR	40	80	18	CN (normal)	Steel	23758423
6209-2RSINR	40	80	18	CN (normal)	Steel	23758449
6208-2RSINR/C3	40	86.6	18	C3	Steel	23758424
6208-2RSINR/W64	40	86.6	18	CN (normal)	Steel	13198008
6308 2RSNRJEM	40	90	23	CN (normal)	Steel	12121411
6308-2RSINR	40	90	23	CN (normal)	Steel	23758950
6308-2RSINR/C3	40	96.5	23	C3	Steel	13198488
6309-2ZNR	45	100	25	CN (normal)	Steel	23758985
6309-2RSINR	45	100	25	CN (normal)	Steel	23758978
6309-2RSINR/C3	45	106.5	25	C3	Steel	13198531
6010 2ZNRJEM	50	80	16	CN (normal)	Steel	12121357
6010 2RSNRJEM	50	80	16	CN (normal)	Steel	12121356
6210-2ZNR	50	90	20	CN (normal)	Steel	23758480
6210-2RSINR	50	90	20	CN (normal)	Steel	23758474
6210-2RSINR/LHT64	50	96.5	20	CN (normal)	Steel	13198048
6310-2ZNR	50	110	27	CN (normal)	Steel	23224862
6310-2RSINR	50	110	27	CN (normal)	Steel	23759003
6211-2RSINR	55	100	21	CN (normal)	Steel	23758495

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6311-2ZNR	55	120	29	CN (normal)	Steel	23759026
6212-2ZNR	60	110	22	CN (normal)	Steel	23758518
6212-2RS1NR	60	110	22	CN (normal)	Steel	24002531
6213-2ZNR	65	129.7	23	CN (normal)	Steel	13198110
6313-2ZNR	65	140	33	CN (normal)	Steel	23759064
6313-2RS1NR	65	149.7	33	CN (normal)	Steel	13198606
6016-2ZNR/GJN	80	134.7	22	CN (normal)	Steel	13197377
6017-2ZNR	85	130	22	CN (normal)	Steel	23225096

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