



SKF 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. 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.

Bearing with cover plates Z:

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 RSH, RS1:

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: 62

Type: 6209

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
6205-ZNR	25	52	15	CN [normal]	Steel	23758339
6305-ZNR	25	62	17	CN [normal]	Steel	23758885
6206-ZNR	30	62	16	CN [normal]	Steel	23758378
6306-ZNR	30	72	19	CN [normal]	Steel	23758913
6306-ZNR/C3	30	78.6	19	C3	Steel	13198454
6207-ZNR	35	72	17	CN [normal]	Steel	23758405
6307-ZNR	35	80	21	CN [normal]	Steel	23758936
6208-ZNR	40	80	18	CN [normal]	Steel	23758434
6308-ZNR	40	90	23	CN [normal]	Steel	23758966
6209-ZNR	45	85	19	CN [normal]	Steel	23758460
6309-ZNR	45	100	25	CN [normal]	Steel	23758991
6210-ZNR	50	90	20	CN [normal]	Steel	23758485
6310-ZNR	50	110	27	CN [normal]	Steel	23759013
6011-ZNR/C3	55	96.5	18	C3	Steel	12392878
6211-ZNR	55	100	21	CN [normal]	Steel	23758503
6211-ZNR/C3	55	106.5	21	C3	Steel	13198075
6311-ZNR	55	120	29	CN [normal]	Steel	23759030
6212-ZNR	60	110	22	CN [normal]	Steel	23758523

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Manufacturer ID	Inner diameter	Outer diameter	Width	Internal clearance	Cage	Article
	mm	mm	mm			
6312-ZNR	60	130	31	CN (normal)	Steel	23759049
6213-ZNR	65	120	23	CN (normal)	Steel	23758543
6313-ZNR	65	140	33	CN (normal)	Steel	23759069
6214-ZNR	70	125	24	CN (normal)	Steel	24002544
6314-ZNR	70	150	35	CN (normal)	Steel	12174066
6215-ZNR	75	130	25	CN (normal)	Steel	23758576
6216-ZNR	80	140	26	CN (normal)	Steel	23758592
6217-ZNR/C3	85	159.7	28	C3	Steel	13198159

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