



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	6205ZNR-SKF
6206-ZNR	30	62	16	CN (normal)	Steel	6206ZNR-SKF
6308-ZNR	40	90	23	CN (normal)	Steel	6308ZNR-SKF
6209-ZNR	45	85	19	CN (normal)	Steel	6209ZNR-SKF
6309-ZNR	45	100	25	CN (normal)	Steel	6309ZNR-SKF
6311-ZNR	55	120	29	CN (normal)	Steel	6311ZNR-SKF

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