



SKF Single row deep groove ball bearing with snap ring groove 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

Manufacturer ID	Inner diameter mm	Outer diameter mm	Width mm	Internal clearance	Cage	Article
6206-ZN	30	62	16	CN [normal]	Steel	13197952
6308-ZN	40	90	23	CN [normal]	Steel	13198515
6209-ZN	45	85	19	CN [normal]	Steel	13198038
6310-ZNBR/C3	50	116.6	27	C3	Steel	13198554
6212-ZNBR/C3VK504	60	116.5	22	C3	Steel	13198098
6212-ZNBR/C3	60	116.6	22	C3	Steel	13198097
6212-ZNBR	60	116.6	22	CN [normal]	Steel	13198096

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.