



SKF Single row deep groove ball bearing with filling slots Steel Closure on one side

The single-row deep groove ball bearings with filling slots have a filling slot on the i-race as well as on the o-race, so that more and larger balls can be accommodated than with standard deep groove ball bearings. These bearings have a higher radial load capacity than deep groove ball bearings without filling slots, though their axial load capacity is lower. They cannot be used at speeds as high as bearings without filling slots. Both open (unsealed) and sealed versions of the single-row deep groove ball bearings with filling slots are available. They are also available with a ring groove on the o-race and with (NR) or without (N) a matching locking ring.

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: 200

Type: 216

Execution: Single row

Material: Steel

Sealing: Closure on one side

Manufacturer ID	Inner diameter mm	Outer diameter mm	Width mm	Internal clearance	Cage	Article
306-Z	30	72	19	CN [normal]	Steel	13196792
207-Z	35	72	17	CN [normal]	Steel	23755346
307-Z	35	80	21	CN [normal]	Steel	23225050
208-Z	40	80	18	CN [normal]	Steel	13195854
308-Z/C3VT943	40	90	23	C3	Steel	13196797
308-Z	40	90	23	CN [normal]	Steel	23756653
209-Z	45	85	19	CN [normal]	Steel	23755353
209-Z/S1	45	85	19	CN [normal]	Steel	13195857
309-Z	45	100	25	CN [normal]	Steel	13196802
210-Z	50	90	20	CN [normal]	Steel	23755357
210-RS1	50	90	20	CN [normal]	Steel	12174000
310-Z	50	110	27	CN [normal]	Steel	23225061
211-Z	55	100	21	CN [normal]	Steel	23755359
311-Z/C3	55	120	29	C3	Steel	24002198
212-Z	60	110	22	CN [normal]	Steel	23755362
312-Z	60	130	31	CN [normal]	Steel	23772294
213-Z	65	120	23	CN [normal]	Steel	23755367
313-Z	65	140	33	CN [normal]	Steel	13196821
214-Z	70	125	24	CN [normal]	Steel	24001994
314-Z	70	150	35	CN [normal]	Steel	13196824

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Manufacturer ID	Inner diameter mm	Outer diameter mm	Width mm	Internal clearance	Cage	Article
216-Z	80	140	26	CN (normal)	Steel	23755425
216-ZV	80	140	26	CN (normal)	Steel	23755427
217-Z	85	150	28	CN (normal)	Steel	24001996

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