



SKF Double-row spherical roller bearing Tapered bore Solid Oil

Spherical roller bearings have two rows of rollers, a common sphered outer ring raceway and two inner ring raceways inclined at an angle to the bearing axis. The centre point of the sphere in the outer ring raceway is at the bearing axis. Therefore, the bearings are self-aligning and insensitive to misalignment of the shaft relative to the housing, which can be caused, for example, by shaft deflection. Spherical roller bearings are designed to accommodate heavy radial loads, as well as heavy axial loads in both directions.

Spherical roller bearings with Solid Oil

Solid Oil bearings are designed for relubrication-free operation and are ideal for use in applications where high levels of moisture and incidental contact with water and other contaminants are real issues. These bearings are lubricated with oil encapsulated in a polymer. During operation, the oil is continuously released to lubricate the bearing. Bearings with Solid Oil are lubricated for the life of the bearing and cannot be relubricated. Solid Oil bearings may operate in temperatures of up to 85°C and at moderate speeds.

Solid Oil variants

Standard variant [designation suffix W64] contains a high-quality synthetic oil meets the needs of most applications.

Food-grade variant [designation suffix W64F] contains an oil registered by NSF as a category H1 meets the needs of food applications.

Characteristics

Series: 222

Bore: Tapered bore

With sealing: No

Application

- Recommended in: Food & Beverages

Manufacturer ID	Inner diameter mm	Outer diameter mm	Width mm	Internal clearance	Cage	Article
22205 EK/W64	25	52	18	CN (normal)	Steel	13195943
22207 EK/W64	35	72	23	CN (normal)	Steel	13195954
22208 EK/W64	40	80	23	CN (normal)	Steel	13195956
22209 EK/C3W64	45	85	23	C3	Steel	13195959
22209 EK/W64	45	85	23	CN (normal)	Steel	13195960
22210 EK/W64	50	90	23	CN (normal)	Steel	13195963
22210 EK/W64F	50	90	23	CN (normal)	Steel	13195964
22310 EK/C3W64	50	110	40	C3	Steel	13196098
22310 EK/W64	50	110	40	CN (normal)	Steel	13196099
22211 EK/C3W64	55	100	25	C3	Steel	13195968
22211 EK/W64	55	100	25	CN (normal)	Steel	13195970
22311 EK/W64	55	120	43	CN (normal)	Steel	13196103
22212 EK/W64	60	110	28	CN (normal)	Steel	13195977
22213 EK/W64	65	120	31	CN (normal)	Steel	13195981
22215 EK/W64F	75	130	31	CN (normal)	Steel	13195990
22215 EK/W64	75	130	31	CN (normal)	Steel	13195989
22315 EK/C3W64	75	160	55	C3	Steel	13196114
22216 EK/C3W64	80	140	33	C3	Steel	13195995
22216 EK/W64	80	140	33	CN (normal)	Steel	13195997
22217 EK/C3W64	85	150	36	C3	Steel	13196000
22217 EK/W64	85	150	36	CN (normal)	Steel	13196002

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Manufacturer ID	Inner diameter mm	Outer diameter mm	Width mm	Internal clearance	Cage	Article
22317 EK/W64	85	180	60	CN (normal)	Steel	13196123
22218 EK/C3W64	90	160	40	C3	Steel	13196009
22218 EK/W64	90	160	40	CN (normal)	Steel	13196010
23218 CCK/C3W64	90	160	52.4	C3	Steel	13196426
22318 EK/W64	90	190	64	CN (normal)	Steel	13196128
22219 EK/W64	95	170	43	CN (normal)	Steel	13196015
22220 EK/W64	100	180	46	CN (normal)	Steel	13196022
23220 CCK/W64	100	180	60.3	CN (normal)	Steel	13196432
22320 EK/W64	100	215	73	CN (normal)	Steel	13196135
22222 EK/C3W64	110	200	53	C3	Steel	13196034
22222 EK/W64	110	200	53	CN (normal)	Steel	13196035
23222 CCK/W64	110	200	69.8	CN (normal)	Steel	13196438
22322 EK/W64	110	240	80	CN (normal)	Steel	13196140
23024 CCK/W64	120	180	46	CN (normal)	Steel	13196223
22224 EK/W64	120	215	58	CN (normal)	Steel	13196040
22226 EK/W64	130	230	64	CN (normal)	Steel	13196042
23028 CCK/C3W64	140	210	53	C3	Steel	13196239
22228 CCK/C3W64	140	250	68	C3	Steel	13196048
22228 CCK/W64	140	250	68	CN (normal)	Steel	13196053
22232 CCK/C3W64	160	290	80	C3	Steel	13196068
24034 CCK30/W64	170	260	90	CN (normal)	Steel	13196596
23136 CCK/W64	180	300	96	CN (normal)	Steel	13196382

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