



# Jinan Guotai Bearing Co., Ltd



1217 K Bearing 2D drawings and 3D CAD models

## 85 mm x 150 mm x 28 mm SKF 1217 K Self Aligning Ball Bearings

Bearing No. 1217 K

Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	2.062
EAN	7316577000026
Product Group	B00152
Mounting Method	Tapered Adapter
Enclosure	Open
Rolling Element	Ball Bearing
Adapter Sleeve	H-217
Cage Material	Steel
Precision Class	ABEC 1   ISO P0
Internal Clearance	C0-Medium
Number of Rows of Balls	Double Row
Other Features	Allowable Misalignment 3 Deg   1:12 Taper
Long Description	85MM Bore; Tapered Adapter Mount; 150MM Outside Diameter; 28MM Inner Race Width; 28MM Outer Race Width; Open; Steel Cage; Double Row of Balls; ABEC 1   ISO P0; C0-Medium
Inch - Metric	Metric
Category	Self Aligning Ball Bearings
UNSPSC	31171532



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Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Self Aligning
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	1217 K
Weight / LBS	4.542
d	3.346 Inch   85 Millimeter
Inner Race Width	1.102 Inch   28 Millimeter
D	5.906 Inch   150 Millimeter
Outer Race Width	1.102 Inch   28 Millimeter
bore diameter:	85 mm
static load capacity:	20.8 kN
outside diameter:	150 mm
precision rating:	Not Rated
overall width:	28 mm
maximum rpm:	5600 RPM
bore type:	Tapered 1:12
finish/coating:	Uncoated
closure type:	Open
outer ring width:	28 mm
internal clearance:	C0
fillet radius:	2 mm
dynamic load capacity:	48.8 kN
series:	1200
d	85 mm
D	150 mm
B	28 mm
d <sub>1</sub>	107 mm
D <sub>1</sub>	131 mm
r <sub>1,2</sub> min.	2 mm
D <sub>a</sub> max.	139 mm
r <sub>a</sub> max.	2 mm



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Basic dynamic load rating C	48.8 kN
Basic static load rating $C_0$	20.8 kN
Fatigue load limit $P_u$	0.98 kN
Reference speed	9000 r/min
Limiting speed	5600 r/min
Permissible angular misalignment	2.5 °
Calculation factor $k_r$	0.04
Calculation factor e	0.17
Calculation factor $Y_0$	4
Calculation factor $Y_1$	3.7
Calculation factor $Y_2$	5.7
Mass bearing	2 kg