



# NTN Bearing de Mexico, S.A.



1316 K Bearing 2D drawings and 3D CAD models

## 80 mm x 170 mm x 39 mm SKF 1316 K Self Aligning Ball Bearings

Bearing No. 1316 K

Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	4.05
EAN	7316576605543
Product Group	B00152
Mounting Method	Tapered Adapter
Enclosure	Open
Rolling Element	Ball Bearing
Adapter Sleeve	H-316
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	80MM Bore; Tapered Adapter Mount; 170MM Outside Diameter; 39MM Inner Race Width; 39MM 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	1316 K
Weight / LBS	8.929
Inner Race Width	1.535 Inch   39 Millimeter
d	3.15 Inch   80 Millimeter
Outer Race Width	1.535 Inch   39 Millimeter
D	6.693 Inch   170 Millimeter
bore diameter:	80 mm
static load capacity:	33.5 kN
outside diameter:	170 mm
precision rating:	Not Rated
overall width:	39 mm
maximum rpm:	5300 RPM
bore type:	Tapered 1:12
finish/coating:	Uncoated
closure type:	Open
outer ring width:	39 mm
internal clearance:	C0
fillet radius:	2 mm
dynamic load capacity:	88.4 kN
series:	1300
d	80 mm
D	170 mm
B	39 mm
d <sub>1</sub>	110 mm
D <sub>1</sub>	144.4 mm
r <sub>1,2</sub> min.	2.1 mm
D <sub>a</sub> max.	158 mm
r <sub>a</sub> max.	2 mm



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Basic dynamic load rating C	88.4 kN
Basic static load rating $C_0$	33.5 kN
Fatigue load limit $P_u$	1.5 kN
Reference speed	7500 r/min
Limiting speed	5300 r/min
Permissible angular misalignment	3 °
Calculation factor $k_r$	0.045
Calculation factor e	0.22
Calculation factor $Y_0$	2.8
Calculation factor $Y_1$	2.9
Calculation factor $Y_2$	4.5
Mass bearing	4.05 kg