



NTN Bearing de Mexico, S.A.



1317 K Bearing 2D drawings and 3D CAD models

85 mm x 180 mm x 41 mm SKF 1317 K Self Aligning Ball Bearings

Bearing No. 1317 K

Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	4.91
EAN	7316576605598
Product Group	B00152
Mounting Method	Tapered Adapter
Enclosure	Open
Rolling Element	Ball Bearing
Adapter Sleeve	H-317
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; 180MM Outside Diameter; 41MM Inner Race Width; 41MM 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	http://www.skf.com
Manufacturer Item Number	1317 K
Weight / LBS	10.803
Outer Race Width	1.614 Inch 41 Millimeter
d	3.346 Inch 85 Millimeter
Inner Race Width	1.614 Inch 41 Millimeter
D	7.087 Inch 180 Millimeter
bore diameter:	85 mm
static load capacity:	38 kN
outside diameter:	180 mm
precision rating:	Not Rated
overall width:	41 mm
maximum rpm:	4800 RPM
bore type:	Tapered 1:12
finish/coating:	Uncoated
closure type:	Open
outer ring width:	41 mm
internal clearance:	C0
fillet radius:	3 mm
dynamic load capacity:	97.5 kN
series:	1300
d	85 mm
D	180 mm
B	41 mm
d ₁	117.6 mm
D ₁	152.8 mm
r _{1,2} min.	3 mm
D _a max.	166 mm
r _a max.	3 mm



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Basic dynamic load rating C	97.5 kN
Basic static load rating C_0	38 kN
Fatigue load limit P_u	1.7 kN
Reference speed	7000 r/min
Limiting speed	4800 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	4.9 kg