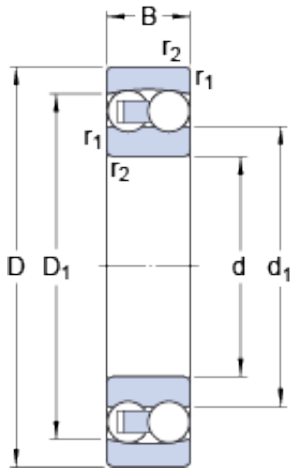




NTN DRIVESHAFT ANDERSON, INC.



85 mm x 180 mm x 41 mm SKF 1317 self aligning ball bearings

Bearing No. 1317

1317 Bearing 2D drawings and 3D CAD models

Size	180x85x41 mm
Bore Diameter	180 mm
Outer Diameter	85 mm
Width	41 mm
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 - min.	99 mm
D _a - max.	166 mm
r _a - max.	3 mm
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
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



NTN DRIVESHAFT ANDERSON, INC.

Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	5.037
EAN	7316576605581
Product Group	B00152
Mounting Method	Shaft
Enclosure	Open
Rolling Element	Ball Bearing
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
Long Description	85MM Bore; Shaft 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
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Self Aligning
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	1317
Weight / LBS	11.094
Bore	3.346 Inch 85 Millimeter
Outer Race Width	1.614 Inch 41 Millimeter



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Inner Race Width	1.614 Inch 41 Millimeter
Outside Diameter	7.087 Inch 180 Millimeter
bore diameter:	85 mm
precision rating:	Not Rated
outside diameter:	180 mm
maximum rpm:	4800 RPM
overall width:	41 mm
cage material:	Steel
bore type:	Straight
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
static load capacity:	38 kN
d_1	117.6 mm
D_1	152.8 mm
$r_{1,2}$ min.	3 mm
d_a min.	99 mm
D_a max.	166 mm
r_a max.	3 mm
Basic dynamic load rating C	97.5 kN
Basic static load rating C_0	38 kN
Fatigue load limit P_u	1.7 kN
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



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Mass bearing	5 kg
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