



Bearing No. 7317 BEGAF

D	180 mm
d	85 mm
B	41 mm
a	76 mm
Noun	Bearing
Bore	3.346 Inch 85 Millimeter
Width	1.614 Inch 41 Millimeter
UNSPSC	31171531
Preload	Light
series:	73
Category	Angular Contact Ball Bearing
Size (mm)	180x85x41
Inventory	0.0
Snap Ring	No
Enclosure	Open
Width (mm)	41
Weight / LBS	10.483
Flush Ground	Yes
Mass bearing	4.45 kg
maximum rpm:	4300 RPM
Product Group	B00308
Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Steel
D ₁	144.95 mm
d ₂	103.03 mm
d ₁	122.3 mm

closure type:	Open
Keyword String	Angular Contact
overall width:	41 mm
contact angle:	40 °
fillet radius:	2.5 mm
bore diameter:	85 mm
Bearing number	7317 BEGAF
Limiting speed	4300 r/min
Rolling Element	Ball Bearing
Precision Class	ABEC 3 ISO P6
finish/coating:	Uncoated
Reference speed	4300 r/min
Outside Diameter	7.087 Inch 180 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	85MM Bore; 180MM Outside Diameter; 41MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring
outer ring width:	41 mm
outside diameter:	180 mm
Manufacturer Name	SKF
Weight / Kilogram	4.76
precision rating:	Not Rated
Bore Diameter (mm)	180
Internal Clearance	C0-Medium
d _a min.	99 mm
Number of Bearings	1 (Single)
D _a max.	166 mm
D _b max.	173 mm
r _a max.	2.5 mm

r_b max.	1 mm
Outer Diameter (mm)	85
internal clearance:	C0
d_a - min.	99 mm
Minimum Buy Quantity	N/A
$r_{1,2}$ min.	3 mm
Calculation factor A	0.27
Calculation factor e	1.14
Calculation factor X	0.57
$r_{3,4}$ min.	1.1 mm
D_a - max.	166 mm
Mounting Arrangement	Universal
D_b - max.	173 mm
r_a - max.	2.5 mm
r_b - max.	1 mm
row type & fill slot:	Single-Row Non-Fill Slot
d_1 ?	122.3 mm
d_2 ?	103.03 mm
D_1 ?	144.95 mm
$r_{3,4}$ - min.	1.1 mm
$r_{1,2}$ - min.	3 mm
Calculation factor - X	0.35
Calculation factor - e	1.14
Harmonized Tariff Code	8482.10.50.28
Number of Rows of Balls	Single Row
Manufacturer Item Number	7317 BEGAF
Basic dynamic load rating C	146 kN
radial static load capacity:	122 kN
Basic dynamic load rating - C	146 kN

radial dynamic load capacity:	146 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	4.5 kN
Calculation factor k_r	0.1
Calculation factor Y_0	0.52
Calculation factor Y_2	0.93
Calculation factor Y_1	0.55
Calculation factor - k_a	1.6
Fatigue load limit - P_u	4.5 kN
Calculation factor - Y_0	0.26
Calculation factor - Y_1	
Calculation factor - Y_2	0.57
Calculation factor - k_r	0.1
Basic static load rating C_0	122 kN
Basic static load rating - C_0	122 kN