



Bearing No. 7317 BECCM

a	76 mm
d	85 mm
D	180 mm
B	41 mm
Noun	Bearing
Bore	3.346 Inch 85 Millimeter
Width	1.614 Inch 41 Millimeter
UNSPSC	31171531
series:	73
Category	Angular Contact Ball Bearing
Enclosure	Open
Snap Ring	No
Size (mm)	180x85x41
Inventory	0.0
Width (mm)	41
Weight / LBS	10.445
maximum rpm:	4800 RPM
Flush Ground	Yes
Mass bearing	4.45 kg
Contact Angle	40 Degree
Cage Material	Brass
closure type:	Open
Product Group	B00308
Inch - Metric	Metric
d ₂	103.03 mm
d ₁	122.3 mm
D ₁	144.95 mm

Other Features	Axial Internal Clearance Greater Than Normal
fillet radius:	2.5 mm
contact angle:	40 °
overall width:	41 mm
bore diameter:	85 mm
Keyword String	Angular Contact
Bearing number	7317 BECCM
Limiting speed	4800 r/min
Rolling Element	Ball Bearing
Precision Class	ABEC 3 ISO P6
Reference speed	4800 r/min
finish/coating:	Uncoated
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
outside diameter:	180 mm
outer ring width:	41 mm
Weight / Kilogram	4.74
precision rating:	Not Rated
Manufacturer Name	SKF
Number of Bearings	1 (Single)
Internal Clearance	CC
Bore Diameter (mm)	180
d _a min.	99 mm
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
$r_{1,2}$ min.	3 mm
$r_{3,4}$ min.	1.1 mm
Calculation factor e	1.14
Minimum Buy Quantity	N/A
Calculation factor X	0.57
Calculation factor A	0.27
d_a - min.	99 mm
r_b - max.	1 mm
r_a - max.	2.5 mm
D_b - max.	173 mm
Mounting Arrangement	Universal
D_a - max.	166 mm
d_1 ?	122.3 mm
row type & fill slot:	Single-Row Non-Fill Slot
d_2 ?	103.03 mm
D_1 ?	144.95 mm
Harmonized Tariff Code	8482.10.50.28
Calculation factor - X	0.35
Calculation factor - e	1.14
$r_{3,4}$ - min.	1.1 mm
$r_{1,2}$ - min.	3 mm
Number of Rows of Balls	Single Row
Manufacturer Item Number	7317 BECCM
Basic dynamic load rating C	156 kN
radial static load capacity:	132 kN
Basic dynamic load	156 kN

rating - C	
radial dynamic load capacity:	156 kN
Maximum Capacity / Filling Slot	No
Calculation factor Y_2	0.93
Calculation factor Y_1	0.55
Calculation factor Y_0	0.52
Calculation factor k_r	0.1
Fatigue load limit P_u	4.9 kN
Calculation factor - Y_1	
Calculation factor - Y_0	0.26
Calculation factor - Y_2	0.57
Calculation factor - k_a	1.6
Fatigue load limit - P_u	4.9 kN
Calculation factor - k_r	0.1
Basic static load rating C_0	132 kN
Basic static load rating - C_0	132 kN