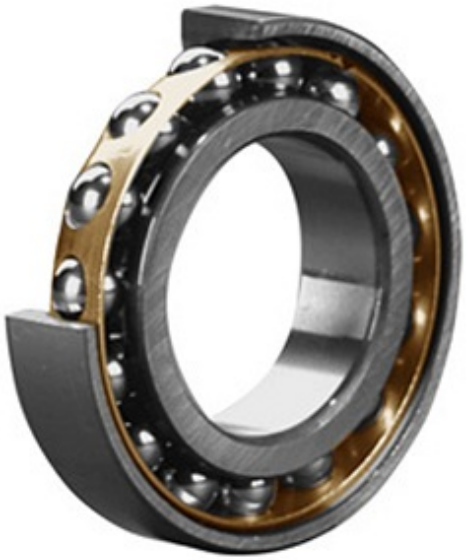

7317 becbm Bearing 2D drawings and 3D CAD models

skf 7317 becbm bearing

Bearing No. 7317 becbm

Category	Angular Contact Ball Bearings
Inventory	4.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	4.74
EAN	7316577094650
Product Group	B00308
Enclosure	Open
Flush Ground	Yes
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 3 | ISO P6
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Brass
Contact Angle	40 Degree
Internal Clearance	CB
Number of Bearings	1 (Single)
Mounting Arrangement	Universal
Inch - Metric	Metric
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

Other Features	Normal Axial Internal Clearance
Category	Angular Contact Ball Bearing
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	7317 BECBM
Weight / LBS	10.445
D	7.087 Inch | 180 Millimeter
B	1.614 Inch | 41 Millimeter
d	3.346 Inch | 85 Millimeter
bore diameter:	85 mm
radial static load capacity:	132 kN
outside diameter:	180 mm
cage material:	Brass
overall width:	41 mm
outer ring width:	41 mm
contact angle:	40 °
maximum rpm:	4800 RPM
row type & fill slot:	Single-Row Non-Fill Slot
finish/coating:	Uncoated
internal clearance:	C0
precision rating:	ABEC 3 (ISO Class 6)
closure type:	Open
fillet radius:	2.5 mm
radial dynamic load capacity:	156 kN
series:	73
d	85 mm
D	180 mm

B	41 mm
$d_1 \approx$	122.3 mm
$d_2 \approx$	103.03 mm
$D_1 \approx$	144.95 mm
a	76 mm
$r_{1,2}$ min.	3 mm
$r_{3,4}$ min.	1.1 mm
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
Basic dynamic load rating C	156 kN
Basic static load rating C_0	132 kN
Fatigue load limit P_u	4.9 kN
Reference speed	4500 r/min
Limiting speed	6000 r/min
Calculation factor A	0.27
Calculation factor k_r	0.1
Calculation factor e	1.14
Calculation factor X	0.35
Calculation factor Y_0	0.26
Calculation factor Y_2	0.57
Calculation factor X	0.57
Calculation factor Y_0	0.52
Calculation factor Y_1	0.55
Calculation factor Y_2	0.93
Mass bearing	4.45 kg