



SNR Bearing Argentina



85 mm x 180 mm x 41 mm SKF 7317 BECBM Angular Contact Ball Bearings

Bearing No. 7317 BECBM

7317 BECBM Bearing 2D drawings and 3D CAD models

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



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	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



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D	180 mm
B	41 mm
d_1	122.3 mm
d_2	103.03 mm
D_1	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