



Bearing No. 7217 BECBJ

a	63 mm
d	85 mm
D	150 mm
B	28 mm
Noun	Bearing
Bore	3.346 Inch 85 Millimeter
Width	1.102 Inch 28 Millimeter
UNSPSC	31171531
weight:	4.08 lbs
series:	7200
Category	Angular Contact Ball Bearing
Snap Ring	No
Inventory	0.0
Size (mm)	150x85x28
Enclosure	Open
bore type:	Round
Width (mm)	28
Flush Ground	Yes
Mass bearing	1.85 kg
maximum rpm:	5300 rpm
Product Group	B00308
Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Steel
D ₁	126.7 mm
d ₂	97.02 mm
d ₁	110.1 mm

closure type:	Open
bore diameter:	85 mm
cage material:	Steel
Keyword String	Angular Contact
contact angle:	40 °
Other Features	Normal Axial Internal Clearance
fillet radius:	2 mm
overall width:	28 mm
Bearing number	7217 BECBJ
Limiting speed	5000 r/min
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Reference speed	5000 r/min
Outside Diameter	5.906 Inch 150 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	85MM Bore; 150MM Outside Diameter; 28MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; CB; Steel Cage; 40 Degree; 1 (Single); Univers
Weight / Kilogram	1.949
outside diameter:	150 mm
bearing material:	Steel
Manufacturer Name	SKF
Number of Bearings	1 (Single)
Internal Clearance	CB
r _b max.	1 mm
	2 mm

ra max.	
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D_b max.	144 mm
D_a max.	139 mm
d_a min.	96 mm
Bore Diameter (mm)	150
Outer Diameter (mm)	85
d_a - min.	96 mm
Minimum Buy Quantity	N/A
D_a - max.	139 mm
D_b - max.	144 mm
r_a - max.	2 mm
r_b - max.	1 mm
Mounting Arrangement	Universal
maximum temperature:	257 °F
Calculation factor X	0.57
$r_{1,2}$ min.	2 mm
$r_{3,4}$ min.	1 mm
Calculation factor A	0.114
Calculation factor e	1.14
D_1 ?	126.7 mm
row type & fill slot:	Single-Row Non-Fill Slot
d_1 ?	110.1 mm
d_2 ?	97.02 mm
$r_{1,2}$ - min.	2 mm
Harmonized Tariff Code	8482.10.50.28
$r_{3,4}$ - min.	1 mm
Calculation factor - e	1.14
Calculation factor - X	0.35
Number of Rows of Balls	Single Row
Manufacturer Item Number	7217 BECBJ
manufacturer upc number:	7316570932461
manufacturer product	Click here

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Basic dynamic load rating C	102 kN
radial static load capacity:	90 kN
Basic dynamic load rating - C	95.6 kN
radial dynamic load capacity:	102 kN
Maximum Capacity / Filling Slot	No
Calculation factor Y_1	0.55
Calculation factor Y_2	0.93
Calculation factor k_r	0.095
Calculation factor Y_0	0.52
Fatigue load limit P_u	3.55 kN
Calculation factor - Y_0	0.26
Calculation factor - k_a	1.4
Calculation factor - k_r	0.095
Calculation factor - Y_2	0.57
Fatigue load limit - P_u	3.2 kN
Calculation factor - Y_1	
Basic static load rating C_0	90 kN
Basic static load rating - C_0	83 kN