



Bearing No. 7215 BECBJ

D	130 mm
d	75 mm
B	25 mm
a	56 mm
Bore	2.953 Inch 75 Millimeter
Noun	Bearing
Width	0.984 Inch 25 Millimeter
UNSPSC	31171531
Category	Angular Contact Ball Bearing
Inventory	0.0
Snap Ring	No
Enclosure	Open
Size (mm)	130x75x25
Width (mm)	25
Flush Ground	Yes
Mass bearing	1.2 kg
Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Steel
D ₁	110.1 mm
d ₂	85.25 mm
d ₁	96.3 mm
Product Group	B00308
Other Features	Normal Axial Internal Clearance
Keyword String	Angular Contact
Bearing number	7215 BECBJ
Limiting speed	5600 r/min

Reference speed	5600 r/min
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Outside Diameter	5.118 Inch 130 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	75MM Bore; 130MM Outside Diameter; 25MM 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
Manufacturer Name	SKF
Weight / Kilogram	1.24
Internal Clearance	CB
d _a min.	84 mm
D _a max.	121 mm
Bore Diameter (mm)	130
D _b max.	124 mm
r _a max.	1.5 mm
r _b max.	1 mm
Number of Bearings	1 (Single)
Outer Diameter (mm)	75
D _b - max.	124 mm
r _{1,2} min.	1.5 mm
d _a - min.	84 mm
D _a - max.	121 mm
r _{3,4} min.	1 mm
Mounting Arrangement	Universal
r _a - max.	1.5 mm
r _b - max.	1 mm

Minimum Buy Quantity	N/A
Calculation factor A	0.0599
Calculation factor e	1.14
Calculation factor X	0.57
d_1 ?	96.3 mm
D_1 ?	110.1 mm
d_2 ?	85.25 mm
Calculation factor - e	1.14
Harmonized Tariff Code	8482.10.50.28
$r_{1,2}$ - min.	1.5 mm
$r_{3,4}$ - min.	1 mm
Calculation factor - X	0.35
Number of Rows of Balls	Single Row
Basic dynamic load rating C	73.5 kN
Basic dynamic load rating - C	70.2 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	2.7 kN
Calculation factor k_r	0.095
Calculation factor Y_0	0.52
Calculation factor Y_2	0.93
Calculation factor Y_1	0.55
Fatigue load limit - P_u	2.5 kN
Calculation factor - k_r	0.095
Calculation factor - k_a	1.4
Calculation factor - Y_2	0.57
Calculation factor - Y_1	
Calculation factor - Y_0	0.26
Basic static load rating C_0	65.5 kN

Basic static load rating - C ₀	60 kN
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