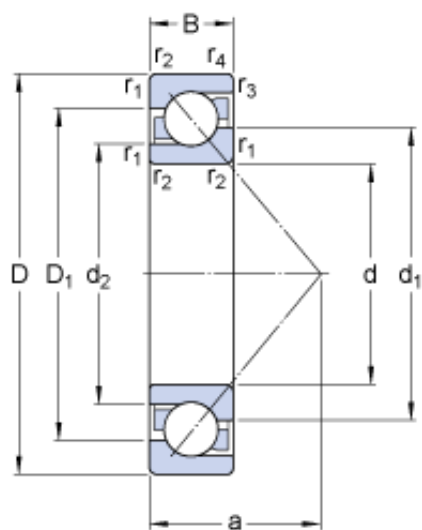




Bearing No. 7215 BECBP

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
Enclosure	Open
Size (mm)	130x75x25
Snap Ring	No
Width (mm)	25
Flush Ground	Yes
Mass bearing	1.2 kg
Weight / LBS	2.584
Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Polymer
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 BECBP

Limiting speed	6300 r/min
Precision Class	ABEC 3 ISO P6
Rolling Element	Ball Bearing
Reference speed	6300 r/min
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 3 ISO P6; No Filling Slot; No Snap Ring
Manufacturer Name	SKF
Weight / Kilogram	1.17
r_b max.	1 mm
Number of Bearings	1 (Single)
Internal Clearance	CB
r_a max.	1.5 mm
Bore Diameter (mm)	130
D_b max.	124 mm
D_a max.	121 mm
d_a min.	84 mm
Outer Diameter (mm)	75
r_b - max.	1 mm
$r_{1,2}$ min.	1.5 mm
Minimum Buy Quantity	N/A
Mounting Arrangement	Universal
r_a - max.	1.5 mm
Calculation factor A	0.0599
D_b - max.	124 mm
D_a - max.	121 mm
d_a - min.	84 mm

Calculation factor e	1.14
Calculation factor X	0.57
$r_{3,4}$ min.	1 mm
D_1 ?	110.1 mm
d_2 ?	85.25 mm
d_1 ?	96.3 mm
Calculation factor - X	0.35
$r_{1,2}$ - min.	1.5 mm
Calculation factor - e	1.14
$r_{3,4}$ - min.	1 mm
Harmonized Tariff Code	8482.10.50.28
Number of Rows of Balls	Single Row
Manufacturer Item Number	7215 BECBP
Basic dynamic load rating C	73.5 kN
Basic dynamic load rating - C	73.5 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	2.7 kN
Calculation factor - k_r	0.095
Calculation factor - k_a	1.4
Calculation factor - Y_0	0.26
Calculation factor - Y_2	0.57
Calculation factor - Y_1	
Basic static load rating	65.5 kN

C ⁰	
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Basic static load rating - C ₀	65.5 kN
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