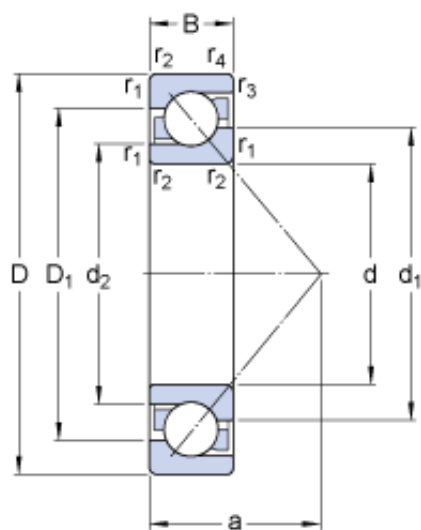




Bearing No. 7220 BECCM

D	180 mm
d	100 mm
B	34 mm
a	76 mm
Bore	3.937 Inch 100 Millimeter
Noun	Bearing
Width	1.339 Inch 34 Millimeter
UNSPSC	31171531
Category	Angular Contact Ball Bearing
Inventory	0.0
Snap Ring	No
Enclosure	Open
Size (mm)	180x100x34
Width (mm)	34
Flush Ground	Yes
Mass bearing	3.3 kg
Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Brass
D ₁	150.9 mm
d ₂	115.22 mm
d ₁	130.95 mm
Product Group	B04270
Other Features	Axial Internal Clearance Greater Than Normal
Keyword String	Angular Contact
Bearing number	7220 BECCM
Limiting speed	4500 r/min

Reference speed	4500 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Long Description	100MM Bore; 180MM Outside Diameter; 34MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; CC; Brass Cage; 40 Degree; 1 (Single); Univer
Outside Diameter	7.087 Inch 180 Millimeter
Manufacturer URL	http://www.skf.com
Manufacturer Name	SKF
Weight / Kilogram	0
r_a max.	2 mm
r_b max.	1 mm
D_b max.	173 mm
D_a max.	168 mm
d_a min.	112 mm
Bore Diameter (mm)	180
Internal Clearance	CC
Number of Bearings	1 (Single)
Outer Diameter (mm)	100
$r_{1,2}$ min.	2.1 mm
D_b - max.	173 mm
d_a - min.	112 mm
D_a - max.	168 mm
$r_{3,4}$ min.	1.1 mm
Mounting Arrangement	Universal
r_a - max.	2 mm
r_b - max.	1 mm

Minimum Buy Quantity	N/A
Calculation factor A	0.239
Calculation factor e	1.14
Calculation factor X	0.57
d_1 ?	130.95 mm
D_1 ?	150.9 mm
d_2 ?	115.22 mm
Calculation factor - e	1.14
Harmonized Tariff Code	8482.10.50.28
$r_{1,2}$ - min.	2.1 mm
$r_{3,4}$ - min.	1.1 mm
Calculation factor - X	0.35
Number of Rows of Balls	Single Row
Basic dynamic load rating C	143 kN
Basic dynamic load rating - C	143 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	4.75 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	4.8 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	134 kN

Basic static load rating - C_0	134 kN
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