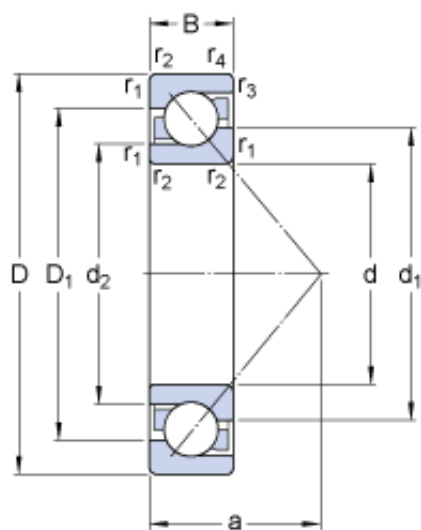




Bearing No. 7222 BECBP

a	84 mm
d	110 mm
D	200 mm
B	38 mm
Bore	4.331 Inch 110 Millimeter
Noun	Bearing
Width	1.496 Inch 38 Millimeter
UNSPSC	31171531
series:	72
Category	Angular Contact Ball Bearing
Enclosure	Open
Snap Ring	No
Size (mm)	200x110x38
Inventory	0.0
Width (mm)	38
maximum rpm:	4000 RPM
Flush Ground	Yes
Mass bearing	4.6 kg
Contact Angle	40 Degree
Cage Material	Polyamide
closure type:	Open
Product Group	B00308
Inch - Metric	Metric
d ₂	127.12 mm
d ₁	144.85 mm
D ₁	167.35 mm
Limiting speed	4000 r/min

Other Features	Normal Axial Internal Clearance
fillet radius:	2 mm
contact angle:	40 °
overall width:	38 mm
cage material:	Nylon
bore diameter:	110 mm
Keyword String	Angular Contact
Bearing number	7222 BECBP
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Reference speed	4000 r/min
Outside Diameter	7.874 Inch 200 Millimeter
Long Description	110MM Bore; 200MM Outside Diameter; 38MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; CB; Polyamide Cage; 40 Degree; 1 (Single); Un
Manufacturer URL	http://www.skf.com
precision rating:	Not Rated
outside diameter:	200 mm
Manufacturer Name	SKF
Weight / Kilogram	4.54
outer ring width:	38 mm
Number of Bearings	1 (Single)
r _b max.	1 mm
r _a max.	2 mm
D _b max.	193 mm
	188 mm

D ^a max.	
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d_a min.	122 mm
Bore Diameter (mm)	200
Internal Clearance	CB
Outer Diameter (mm)	110
internal clearance:	C0
Minimum Buy Quantity	N/A
r_b - max.	1 mm
$r_{1,2}$ min.	2.1 mm
$r_{3,4}$ min.	1.1 mm
r_a - max.	2 mm
D_b - max.	193 mm
D_a - max.	188 mm
d_a - min.	122 mm
Mounting Arrangement	Universal
Calculation factor A	0.353
Calculation factor e	1.14
Calculation factor X	0.57
D_1 ?	167.35 mm
d_2 ?	127.12 mm
row type & fill slot:	Single-Row Non-Fill Slot
d_1 ?	144.85 mm
$r_{3,4}$ - min.	1.1 mm
Harmonized Tariff Code	8482.10.50.28
$r_{1,2}$ - min.	2.1 mm
Calculation factor - e	1.14
Calculation factor - X	0.35
Number of Rows of Balls	Single Row
Manufacturer Item Number	7222 BECBP
Basic dynamic load rating C	163 kN
radial static load capacity:	166 kN

radial dynamic load capacity:	170 kN
Basic dynamic load rating - C	170 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	5.3 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
Calculation factor - Y_1	
Calculation factor - Y_2	0.57
Calculation factor - k_a	1.4
Calculation factor - Y_0	0.26
Fatigue load limit - P_u	5.7 kN
Calculation factor - k_r	0.095
Basic static load rating C_0	156 kN
Basic static load rating - C_0	166 kN