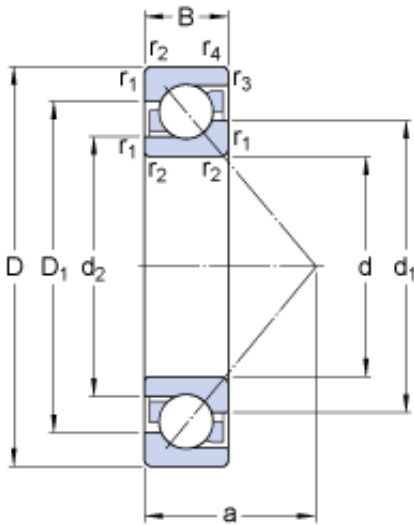




BROWNING BEARING COMPANY



110 mm x 200 mm x 38 mm skf 7222 becbm bearing

Bearing No. 7222 becbm

7222 becbm Bearing 2D drawings and 3D CAD models

Size	200x110x38 mm
Bore Diameter	200 mm
Outer Diameter	110 mm
Width	38 mm
d	110 mm
D	200 mm
B	38 mm
d ₁	144.85 mm
d ₂	127.12 mm
D ₁	167.35 mm
a	84 mm
r _{1,2} - min.	2.1 mm
r _{3,4} - min.	1.1 mm
d _a - min.	122 mm
D _a - max.	188 mm
D _b - max.	193 mm
r _a - max.	2 mm
r _b - max.	1 mm
Basic dynamic load rating - C	163 kN
Basic static load rating - C ₀	156 kN
Fatigue load limit - P _u	5.3 kN
Reference speed	4000 r/min
Limiting speed	4000 r/min
Calculation factor - k _r	0.095



BROWNING BEARING COMPANY

Calculation factor - k_a	1.4
Calculation factor - e	1.14
Calculation factor - X	0.57
Calculation factor - Y_0	0.52
Calculation factor - Y_1	0.55
Calculation factor - Y_2	0.93
Calculation factor - X	0.35
Calculation factor - Y_0	0.26
Calculation factor - Y_1	
Calculation factor - Y_2	0.57
Category	Angular Contact Ball Bearings
Inventory	12.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	4.96
EAN	7316577094438
Product Group	B00308
Enclosure	Open
Flush Ground	Yes
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 3 ISO P6
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Brass
Contact Angle	40 Degree
Internal Clearance	CB
Number of Bearings	1 (Single)
Mounting Arrangement	Universal
Inch - Metric	Metric



BROWNING BEARING COMPANY

Long Description	110MM Bore; 200MM Outside Diameter; 38MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring
Other Features	Normal Axial Internal Clearance
Category	Angular Contact Ball Bearing
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	7222 BECBM
Weight / LBS	10.917
Bore	4.331 Inch 110 Millimeter
Width	1.496 Inch 38 Millimeter
Outside Diameter	7.874 Inch 200 Millimeter
bore diameter:	110 mm
radial static load capacity:	156 kN
outside diameter:	200 mm
cage material:	Brass
overall width:	38 mm
outer ring width:	38 mm
contact angle:	40 °
maximum rpm:	4000 RPM
row type & fill slot:	Single-Row Non-Fill Slot
finish/coating:	Uncoated
internal clearance:	C0
precision rating:	ABEC 3 (ISO Class 6)
closure type:	Open
fillet radius:	2 mm



BROWNING BEARING COMPANY

radial dynamic load capacity:	163 kN
series:	72
d_1	144.85 mm
d_2	127.12 mm
D_1	167.35 mm
$r_{1,2}$ min.	2.1 mm
$r_{3,4}$ min.	1.1 mm
d_a min.	122 mm
D_a max.	188 mm
D_b max.	193 mm
r_a max.	2 mm
r_b max.	1 mm
Basic dynamic load rating C	163 kN
Basic static load rating C_0	156 kN
Fatigue load limit P_u	5.3 kN
Calculation factor A	0.353
Calculation factor k_r	0.095
Calculation factor e	1.14
Calculation factor X	0.35
Calculation factor Y_0	0.26
Calculation factor Y_2	0.57
Calculation factor X	0.57
Calculation factor Y_0	0.52
Calculation factor Y_1	0.55
Calculation factor Y_2	0.93
Mass bearing	4.6 kg