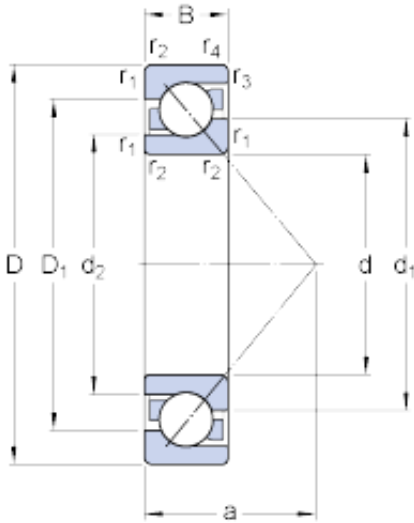




# YNR Bearings Co., Ltd.



## 110 mm x 200 mm x 38 mm SKF 7222 BECBP Angular contact ball bearing

Bearing No. 7222 BECBP

7222 BECBP 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 <sub>1</sub>	144.85 mm
d <sub>2</sub>	127.12 mm
D <sub>1</sub>	167.35 mm
a	84 mm
r <sub>1,2</sub> - min.	2.1 mm
r <sub>3,4</sub> - min.	1.1 mm
d <sub>a</sub> - min.	122 mm
D <sub>a</sub> - max.	188 mm
D <sub>b</sub> - max.	193 mm
r <sub>a</sub> - max.	2 mm
r <sub>b</sub> - max.	1 mm
Basic dynamic load rating - C	170 kN
Basic static load rating - C <sub>0</sub>	166 kN
Fatigue load limit - P <sub>u</sub>	5.7 kN
Reference speed	4000 r/min
Limiting speed	4000 r/min
Calculation factor - k <sub>r</sub>	0.095



## YNR Bearings Co., Ltd.

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	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	4.54
EAN	7316577150325
Product Group	B00308
Enclosure	Open
Flush Ground	Yes
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Polyamide
Contact Angle	40 Degree
Internal Clearance	CB
Number of Bearings	1 (Single)
Mounting Arrangement	Universal
Inch - Metric	Metric



## YNR Bearings Co., Ltd.

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
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	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	7222 BECBP
Width	1.496 Inch   38 Millimeter
Bore	4.331 Inch   110 Millimeter
Outside Diameter	7.874 Inch   200 Millimeter
bore diameter:	110 mm
radial static load capacity:	166 kN
outside diameter:	200 mm
cage material:	Nylon
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:	Not Rated
closure type:	Open
fillet radius:	2 mm



## YNR Bearings Co., Ltd.

radial dynamic load capacity:	170 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