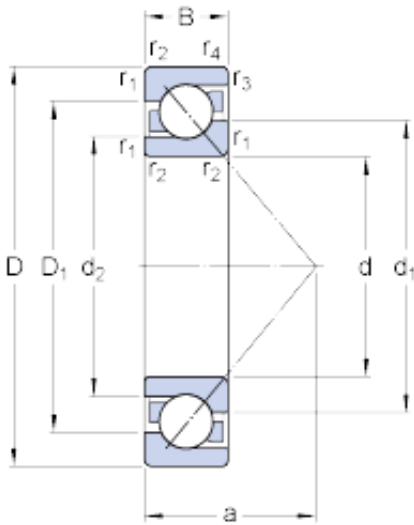




# SNR BEARING CORP.OF AMERICA



## 50 mm x 110 mm x 27 mm skf 7310 BECAM Single row angular contact ball bearings

Bearing No. 7310 BECAM

7310 BECAM Bearing 2D drawings and 3D CAD models

Size	110x50x27 mm
Bore Diameter	110 mm
Outer Diameter	50 mm
Width	27 mm
d	50 mm
D	110 mm
B	27 mm
d <sub>1</sub>	73.8 mm
d <sub>2</sub>	61.13 mm
D <sub>1</sub>	88.8 mm
a	47 mm
r <sub>1,2</sub> - min.	2 mm
r <sub>3,4</sub> - min.	1 mm
d <sub>a</sub> - min.	61 mm
D <sub>a</sub> - max.	99 mm
D <sub>b</sub> - max.	104 mm
r <sub>a</sub> - max.	2 mm
r <sub>b</sub> - max.	1 mm
Basic dynamic load rating - C	75 kN
Basic static load rating - C <sub>0</sub>	51 kN
Fatigue load limit - P <sub>u</sub>	2.2 kN
Reference speed	8000 r/min
Limiting speed	8000 r/min
Calculation factor - k <sub>r</sub>	0.1



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Calculation factor - $k_a$	1.6
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	0
EAN	7316577150615
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	Brass
Contact Angle	40 Degree
Internal Clearance	CA
Number of Bearings	1 (Single)
Mounting Arrangement	Universal
Inch - Metric	Metric



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Long Description	50MM Bore; 110MM Outside Diameter; 27MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; CA; Brass Cage; 40 Degree; 1 (Single); Univers
Other Features	Axial Internal Clearance Smaller Than Normal
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>
Width	1.063 Inch   27 Millimeter
Outside Diameter	4.331 Inch   110 Millimeter
Bore	1.969 Inch   50 Millimeter
$d_1$	73.8 mm
$d_2$	61.13 mm
$D_1$	88.8 mm
$r_{1,2}$ min.	2 mm
$r_{3,4}$ min.	1 mm
$d_a$ min.	61 mm
$D_a$ max.	99 mm
$D_b$ max.	104 mm
$r_a$ max.	2 mm
$r_b$ max.	1 mm
Basic dynamic load rating C	75 kN
Basic static load rating $C_0$	51 kN
Fatigue load limit $P_u$	2.16 kN
Calculation factor A	0.0418
Calculation factor $k_r$	0.1



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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	1.1 kg