



Bearing No. 7310 BECAM

D	110 mm
d	50 mm
B	27 mm
a	47 mm
Bore	1.969 Inch 50 Millimeter
Noun	Bearing
Width	1.063 Inch 27 Millimeter
UNSPSC	31171531
Category	Angular Contact Ball Bearing
Inventory	0.0
Snap Ring	No
Enclosure	Open
Size (mm)	110x50x27
Width (mm)	27
Flush Ground	Yes
Mass bearing	1.1 kg
Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Brass
D ₁	88.8 mm
d ₂	61.13 mm
d ₁	73.8 mm
Product Group	B00308
Other Features	Axial Internal Clearance Smaller Than Normal
Keyword String	Angular Contact
Bearing number	7310 BECAM
Limiting speed	8000 r/min

Reference speed	8000 r/min
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Outside Diameter	4.331 Inch 110 Millimeter
Manufacturer URL	http://www.skf.com
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
Manufacturer Name	SKF
Weight / Kilogram	0
Internal Clearance	CA
d _a min.	61 mm
D _a max.	99 mm
Bore Diameter (mm)	110
D _b max.	104 mm
r _a max.	2 mm
r _b max.	1 mm
Number of Bearings	1 (Single)
Outer Diameter (mm)	50
D _b - max.	104 mm
r _{1,2} min.	2 mm
d _a - min.	61 mm
D _a - max.	99 mm
r _{3,4} min.	1 mm
Mounting Arrangement	Universal
r _a - max.	2 mm
r _b - max.	1 mm

Minimum Buy Quantity	N/A
Calculation factor A	0.0418
Calculation factor e	1.14
Calculation factor X	0.57
d_1 ?	73.8 mm
D_1 ?	88.8 mm
d_2 ?	61.13 mm
Calculation factor - e	1.14
Harmonized Tariff Code	8482.10.50.28
$r_{1,2}$ - min.	2 mm
$r_{3,4}$ - min.	1 mm
Calculation factor - X	0.35
Number of Rows of Balls	Single Row
Basic dynamic load rating C	75 kN
Basic dynamic load rating - C	75 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	2.16 kN
Calculation factor k_r	0.1
Calculation factor Y_0	0.52
Calculation factor Y_2	0.93
Calculation factor Y_1	0.55
Fatigue load limit - P_u	2.2 kN
Calculation factor - k_r	0.1
Calculation factor - k_a	1.6
Calculation factor - Y_2	0.57
Calculation factor - Y_1	
Calculation factor - Y_0	0.26
Basic static load rating C_0	51 kN

Basic static load rating - C_0	51 kN
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