



NTN Bearing Driveshaft do Brasil



60 mm x 110 mm x 22 mm SKF 7212 BECBY
Angular Contact Ball Bearings

Bearing No. 7212 BECBY

7212 BECBY Bearing 2D drawings and 3D CAD models

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.82
EAN	7316576650017
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
Long Description	60MM Bore; 110MM Outside Diameter; 22MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap



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	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	7212 BECBY
Weight / LBS	1.816
B	0.866 Inch 22 Millimeter
d	2.362 Inch 60 Millimeter
D	4.331 Inch 110 Millimeter
bore diameter:	60 mm
radial static load capacity:	45.5 kN
outside diameter:	110 mm
cage material:	Brass
overall width:	22 mm
outer ring width:	22 mm
contact angle:	40 °
maximum rpm:	7000 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:	1.5 mm
radial dynamic load capacity:	57.2 kN
series:	72
d	60 mm



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D	110 mm
B	22 mm
d_1	79.6 mm
d_2	69.32 mm
D_1	91.55 mm
a	47 mm
$r_{1,2}$ min.	1.5 mm
$r_{3,4}$ min.	1 mm
d_a min.	69 mm
D_a max.	101 mm
D_b max.	104 mm
r_a max.	1.5 mm
r_b max.	1 mm
Basic dynamic load rating C	61 kN
Basic static load rating C_0	50 kN
Fatigue load limit P_u	2.12 kN
Reference speed	7000 r/min
Limiting speed	7500 r/min
Calculation factor A	0.0344
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	0.8 kg