



GENERAL BEARING IMPORT COMPANY



3212 A Bearing 2D drawings and 3D CAD models

60 mm x 110 mm x 36.5 mm SKF 3212 A
AUSTRIA Bearing 60*110*36.5

Bearing No. 3212 A

Category	Angular Contact Ball Bearings
Inventory	3.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	1.321
Product Group	B00152
Enclosure	Open
Flush Ground	No
Rolling Element	Ball Bearing
Number of Rows of Balls	Double Row
Precision Class	ABEC 3 ISO P6
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Steel
Contact Angle	30 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Inch - Metric	Metric
Long Description	60MM Bore; 110MM Outside Diameter; 36.5MM Width; Open; No Flush Ground; Ball Bearing; Double Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring
Category	Angular Contact Ball



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	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	5212 A
Weight / LBS	2.806
D	4.331 Inch 110 Millimeter
d	2.362 Inch 60 Millimeter
B	1.437 Inch 36.5 Millimeter
bore diameter:	60 mm
radial static load capacity:	58-1/2 kN
outside diameter:	110 mm
cage material:	Metal
overall width:	1.4375 in
outer ring width:	36.5 mm
contact angle:	30 °
maximum rpm:	5600 RPM
row type & fill slot:	Double-Row Non-Fill Slot
finish/coating:	Uncoated
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open
fillet radius:	1.5 mm
radial dynamic load capacity:	73.5 kN
series:	32
d	60 mm
D	110 mm
B	36.5 mm
d ₁	74.459 mm
D ₁	96.2 mm



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$r_{1,2}$ min.	1.5 mm
a	63 mm
d_a min.	69 mm
D_a max.	101 mm
r_a max.	1.5 mm
Basic dynamic load rating C	73.5 kN
Basic static load rating C_0	58.5 kN
Fatigue load limit P_u	2.5 kN
Reference speed	6300 r/min
Limiting speed	5600 r/min
Calculation factor k_r	0.06
Calculation factor e	0.8
Calculation factor X	0.63
Calculation factor Y_0	0.66
Calculation factor Y_1	0.78
Calculation factor Y_2	1.24
Mass bearing	1.2 kg