



NTN Bearing de Mexico, S.A.



3312 A Bearing 2D drawings and 3D CAD models

60 mm x 130 mm x 54 mm SKF 3312 A Angular Contact Ball Bearings

Bearing No. 3312 A

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	2.991
EAN	7316570516821
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; 130MM Outside Diameter; 54MM Width; Open; No Flush Ground; Ball Bearing; Double Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring



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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	5312 A
Weight / LBS	6.418
D	5.118 Inch 130 Millimeter
d	2.362 Inch 60 Millimeter
B	2.126 Inch 54 Millimeter
bore diameter:	60 mm
radial static load capacity:	95 kN
outside diameter:	130 mm
cage material:	Metal
overall width:	54 mm
outer ring width:	54 mm
contact angle:	30 °
maximum rpm:	5000 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:	2 mm
radial dynamic load capacity:	127 kN
series:	33
d	60 mm
D	130 mm
B	54 mm
d ₁	84.2 mm



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D_1	110 mm
$r_{1,2}$ min.	2.1 mm
a	78 mm
d_a min.	72 mm
D_a max.	118 mm
r_a max.	2 mm
Basic dynamic load rating C	127 kN
Basic static load rating C_0	95 kN
Fatigue load limit P_u	4.05 kN
Reference speed	5600 r/min
Limiting speed	5000 r/min
Calculation factor k_r	0.07
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	2.8 kg