



GARLOCK BEARINGS LTD



50 mm x 110 mm x 44.4 mm SKF 3310 A Angular Contact Ball Bearings

Bearing No. 3310 A

3310 A Bearing 2D drawings and 3D CAD models

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	1.762
EAN	7316570504460
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	50MM Bore; 110MM Outside Diameter; 44.4MM 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	5310 AH
Weight / LBS	3.688
B	1.748 Inch 44.4 Millimeter
D	4.331 Inch 110 Millimeter
d	1.969 Inch 50 Millimeter
bore diameter:	50 mm
radial static load capacity:	64 kN
outside diameter:	110 mm
cage material:	Metal
overall width:	1.7500 in
outer ring width:	44.4 mm
contact angle:	30 °
maximum rpm:	6000 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:	90 kN
series:	33
d	50 mm
D	110 mm
B	44.4 mm
d ₂	62 mm



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D_2	99.45 mm
$r_{1,2}$ min.	2 mm
a	65 mm
d_a min.	61 mm
D_a max.	99.5 mm
r_a max.	2 mm
Basic dynamic load rating C	90 kN
Basic static load rating C_0	64 kN
Fatigue load limit P_u	2.75 kN
Reference speed	6700 r/min
Limiting speed	6000 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	1.7 kg