



GARLOCK BEARINGS LTD



3212 A-2Z Bearing 2D drawings and 3D CAD models

60 mm x 110 mm x 36.5 mm SKF 3212 A-2Z Angular Contact Ball Bearings

Bearing No. 3212 A-2Z

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	1.321
Product Group	B00152
Enclosure	2 Metal Shields
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	C3-Loose
Number of Bearings	1 (Single)
Inch - Metric	Metric
Long Description	60MM Bore; 110MM Outside Diameter; 36.5MM Width; 2 Metal Shields; 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-2Z/C3
Weight / LBS	2.69
D	4.331 Inch 110 Millimeter
B	1.437 Inch 36.5 Millimeter
d	2.362 Inch 60 Millimeter
d	60 mm
D	110 mm
B	36.5 mm
d ₂	68.8 mm
D ₂	100.5 mm
r _{1,2} min.	1.5 mm
a	63 mm
d _a min.	68.5 mm
d _a max.	68.5 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



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Calculation factor Y_2	1.24
Mass bearing	1.2 kg