



NTN BEARING MFG.CORP



3208 A-2Z Bearing 2D drawings and 3D CAD models

40 mm x 80 mm x 30.2 mm SKF 3208 A-2Z
Angular Contact Ball Bearings

Bearing No. 3208 A-2Z

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.621
EAN	7316573930648
Product Group	B00152
Enclosure	2 Metal Shields
Flush Ground	No
Rolling Element	Ball Bearing
Number of Rows of Balls	Double Row
Precision Class	ABEC 1 ISO P0
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	40MM Bore; 80MM Outside Diameter; 30.2MM Width; 2 Metal Shields; No Flush Ground; Ball Bearing; Double Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring;



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	C0-Medium; Steel Cage; 30 Degree; 1
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	3208 A-2Z
Weight / LBS	1.3668
D	3.15 Inch 80 Millimeter
d	1.575 Inch 40 Millimeter
B	1.189 Inch 30.2 Millimeter
bore diameter:	40 mm
radial static load capacity:	34 kN
outside diameter:	80 mm
outer ring width:	30.2 mm
overall width:	1.1875 in
maximum rpm:	8000 RPM
contact angle:	30 °
finish/coating:	Uncoated
row type & fill slot:	Double-Row Non-Fill Slot
precision rating:	Not Rated
internal clearance:	C0
fillet radius:	1 mm
closure type:	Double Shield
series:	32
radial dynamic load capacity:	47.5 kN
d	40 mm
D	80 mm
B	30.2 mm



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d_2	47.8 mm
D_2	72.1 mm
$r_{1,2}$ min.	1.1 mm
a	46 mm
d_a min.	47 mm
d_a max.	48 mm
D_a max.	73 mm
r_a max.	1 mm
Basic dynamic load rating C	48 kN
Basic static load rating C_0	36.5 kN
Fatigue load limit P_u	1.56 kN
Reference speed	9000 r/min
Limiting speed	8000 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	0.57 kg