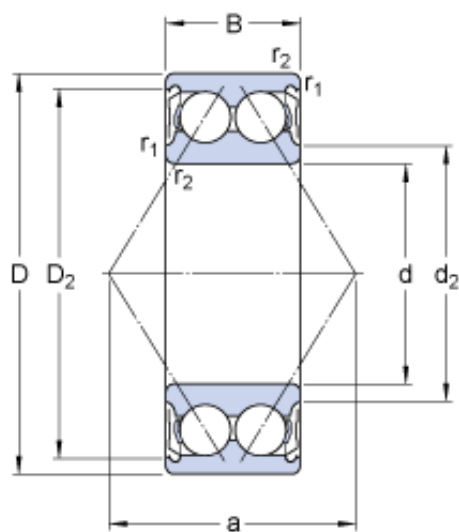




Bearing No. 3308 A-2Z

a	53 mm
d	40 mm
B	36.5 mm
D	90 mm
Bore	1.575 Inch 40 Millimeter
Noun	Bearing
Width	1.437 Inch 36.5 Millimeter
UNSPSC	31171531
weight:	2.05 lbs
Category	Angular Contact Ball Bearing
Enclosure	2 Metal Shields
Snap Ring	No
Size (mm)	90x40x36.5
Inventory	1.0
Width (mm)	36,5
bore type:	Round
Flush Ground	No
maximum rpm:	7500 rpm
Weight / LBS	2.096
Mass bearing	0.93 kg
Contact Angle	30 Degree
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00152
d ₂	50.8 mm
D ₂	80.5 mm
closure type:	Double Shielded
Keyword String	Angular Contact

bore diameter:	40 mm
cage material:	Steel
contact angle:	30 °
fillet radius:	1.5 mm
overall width:	1.4375 in
Bearing number	3308 A-2Z
Limiting speed	7500 r/min
Precision Class	ABEC 3 ISO P6
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Reference speed	7500 r/min
Long Description	40MM Bore; 90MM 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
Manufacturer URL	http://www.skf.com
Outside Diameter	3.543 Inch 90 Millimeter
bearing material:	Steel
outside diameter:	90 mm
Weight / Kilogram	1.01
Manufacturer Name	SKF
r _a max.	1.5 mm
D _a max.	81 mm
d _a max.	50.5 mm
Number of Bearings	1 (Single)
Internal Clearance	C0-Medium
d _a min.	49 mm
Bore Diameter (mm)	90
Outer Diameter (mm)	40

Minimum Buy Quantity	N/A
Calculation factor X	0.63
Calculation factor e	0.8
r _{1,2} min.	1.5 mm
d _a - min.	49 mm
d _a - max.	50.5 mm
D _a - max.	81 mm
r _a - max.	1.5 mm
row type & fill slot:	Double-Row Non-Fill Slot
d ₂ ?	50.8 mm
D ₂ ?	80.5 mm
Calculation factor - e	0.8
r _{1,2} - min.	1.5 mm
Calculation factor - X	0.63
Harmonized Tariff Code	8482.10.50.28
Number of Rows of Balls	Double Row
Manufacturer Item Number	5308 A-2Z
manufacturer upc number:	7316573932161
manufacturer product page:	Click here
Basic dynamic load rating C	64 kN
operating temperature range:	257 °F
radial static load capacity:	44 kN
radial dynamic load capacity:	64 kN
Basic dynamic load rating - C	64 kN
Maximum Capacity / Filling Slot	No

Calculation factor Y_1	0.78
Calculation factor Y_0	0.66
Calculation factor k_r	0.07
Calculation factor Y_2	1.24
Fatigue load limit P_u	1.86 kN
Fatigue load limit - P_u	1.9 kN
Calculation factor - k_r	0.07
Calculation factor - Y_1	0.78
Calculation factor - Y_2	1.24
Calculation factor - Y_0	0.66
Basic static load rating C_0	44 kN
Basic static load rating - C_0	44 kN