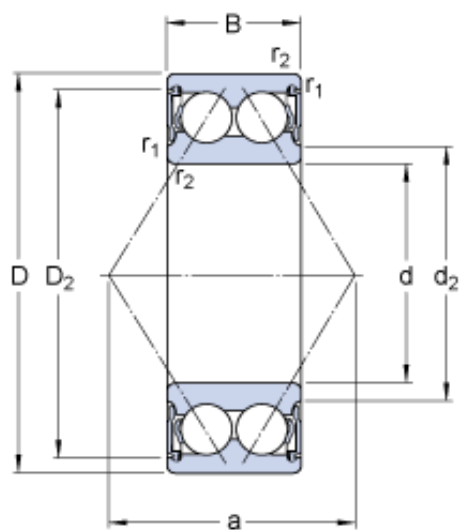




Bearing No. 3308 A-2RS1

a	53 mm
d	40 mm
D	90 mm
B	36.5 mm
Bore	1.575 Inch 40 Millimeter
Noun	Bearing
Width	1.437 Inch 36.5 Millimeter
UNSPSC	31171531
series:	33
Category	Angular Contact Ball Bearing
Size (mm)	90x40x36.5
Snap Ring	No
Inventory	0.0
Enclosure	2 Seals
Width (mm)	36,5
Flush Ground	No
Weight / LBS	2.2178
Mass bearing	0.93 kg
maximum rpm:	5000 RPM
Inch - Metric	Metric
Contact Angle	30 Degree
closure type:	Double Seal
D ₂	80.5 mm
Cage Material	Steel
d ₂	50.8 mm
Product Group	B00152
bore diameter:	40 mm
Keyword String	Angular Contact

overall width:	1.4375 in
contact angle:	30 °
Other Features	NBR Contact Seal
fillet radius:	1.5 mm
Bearing number	3308 A-2RS1
Limiting speed	5000 r/min
Precision Class	ABEC 1 ISO P0
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Long Description	40MM Bore; 90MM Outside Diameter; 36.5MM Width; 2 Seals; No Flush Ground; Ball Bearing; Double Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; C0-Medium; Steel Cage; 30 Degree; 1 (Single
Outside Diameter	3.543 Inch 90 Millimeter
Manufacturer URL	http://www.skf.com
precision rating:	Not Rated
outside diameter:	90 mm
Weight / Kilogram	1.011
outer ring width:	36.5 mm
Manufacturer Name	SKF
r _a max.	1.5 mm
D _a max.	81 mm
d _a max.	50.5 mm
d _a min.	49 mm
Number of Bearings	1 (Single)
Internal Clearance	C0-Medium
Bore Diameter (mm)	90
Outer Diameter (mm)	40

internal clearance:	C0
r_a - max.	1.5 mm
Calculation factor e	0.8
D_a - max.	81 mm
Minimum Buy Quantity	N/A
d_a - max.	50.5 mm
d_a - min.	49 mm
Calculation factor X	0.63
$r_{1,2}$ min.	1.5 mm
d_2 ?	50.8 mm
row type & fill slot:	Double-Row Non-Fill Slot
D_2 ?	80.5 mm
$r_{1,2}$ - min.	1.5 mm
Calculation factor - X	0.63
Calculation factor - e	0.8
Harmonized Tariff Code	8482.10.50.28
Number of Rows of Balls	Double Row
Manufacturer Item Number	3308 A-2RS1
Basic dynamic load rating C	64 kN
operating temperature range:	-40 to +210 °F
radial static load capacity:	44 kN
Basic dynamic load rating - C	64 kN
radial dynamic load capacity:	64 kN
Maximum Capacity / Filling Slot	No
Calculation factor Y_0	0.66
Calculation factor k_r	0.07
Calculation factor Y_1	0.78

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