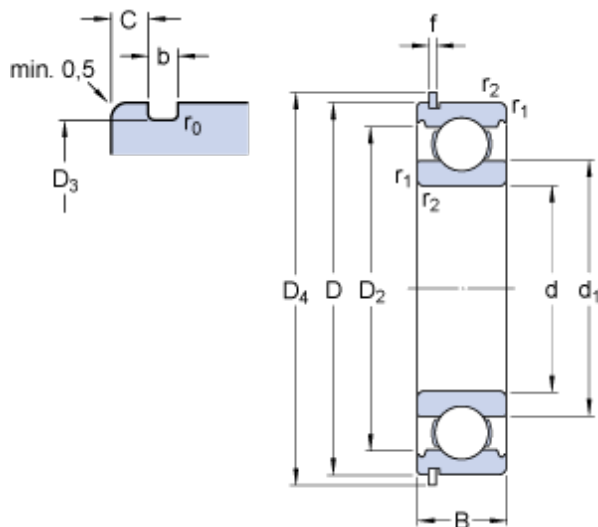




# NTN PRECISION AXLE CORP.



40 mm x 68 mm x 15 mm SKF 6008 NR deep groove ball bearings

Bearing No. 6008 NR

Size	15x68x61.1 mm
Bore Diameter	15 mm
Outer Diameter	68 mm
Width	61,1 mm
D	68 mm
B	15 mm
D <sub>2</sub>	61.1 mm
D <sub>3</sub>	64.82 mm
D <sub>4</sub>	74.6 mm
b	1.9 mm
C	2.49 mm
f	1.7 mm
r <sub>0</sub>	0.6 mm
r <sub>1,2</sub> - min.	1 mm
d <sub>a</sub> - min.	44.6 mm
D <sub>a</sub> - max.	63.4 mm
D <sub>b</sub> - min.	76 mm
b <sub>a</sub> - min.	2.2 mm
C <sub>a</sub> - max.	4.19 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	17.8 kN
Basic static load rating - C <sub>0</sub>	11 kN
Fatigue load limit - P <sub>u</sub>	0.49 kN
Reference speed	22000 r/min

6008 NR Bearing 2D drawings and 3D CAD models



## NTN PRECISION AXLE CORP.

Limiting speed	14000 r/min
Calculation factor - $k_r$	0.025
Calculation factor - $f_0$	15
Mass bearing	0.192 kg
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.209
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	Yes
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	40MM Bore; 68MM Outside Diameter; 15MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Other Features	Deep Groove   With Snap Ring
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing



## NTN PRECISION AXLE CORP.

Keyword String	Ball
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	6008 NR
Weight / LBS	0.4607
Inner Race Width	0 Inch   0 Millimeter
Outer Race Width	0.591 Inch   15 Millimeter
Bore	1.575 Inch   40 Millimeter
Outside Diameter	2.677 Inch   68 Millimeter
d	40 mm
d <sub>1</sub>	49.25 mm
D <sub>2</sub>	61.1 mm
D <sub>3</sub>	64.82 mm
D <sub>4</sub>	74.6 mm
r <sub>0</sub> max.	0.6 mm
r <sub>1,2</sub> min.	1 mm
d <sub>a</sub> min.	44.6 mm
D <sub>a</sub> max.	63.4 mm
D <sub>b</sub> min.	76 mm
b <sub>a</sub> min.	2.2 mm
C <sub>a</sub> max.	4.19 mm
r <sub>a</sub> max.	1 mm
Basic dynamic load rating C	17.8 kN
Basic static load rating C <sub>0</sub>	11 kN
Fatigue load limit P <sub>u</sub>	0.49 kN
Calculation factor k <sub>r</sub>	0.025
Calculation factor f <sub>0</sub>	15
Snap ring	SP 68