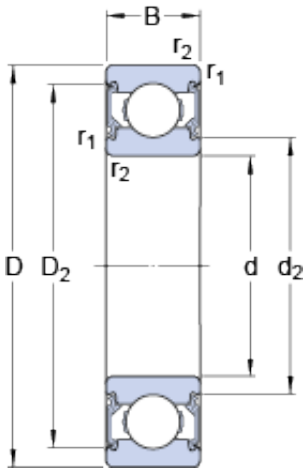




## NTN Bearing Manufacturing



6203-2RSH Bearing 2D drawings and 3D CAD models

17 mm x 40 mm x 12 mm SKF 6203-2RSH deep groove ball bearings

Bearing No. 6203-2RSH

Size	40x17x12 mm
Bore Diameter	40 mm
Outer Diameter	17 mm
Width	12 mm
d	17 mm
D	40 mm
B	12 mm
d <sub>2</sub>	21.75 mm
D <sub>2</sub>	34.98 mm
r <sub>1,2</sub> - min.	0.6 mm
d <sub>a</sub> - min.	21.2 mm
d <sub>a</sub> - max.	22 mm
D <sub>a</sub> - max.	35.8 mm
r <sub>a</sub> - max.	0.6 mm
Basic dynamic load rating - C	10 kN
Basic static load rating - C <sub>0</sub>	4.8 kN
Fatigue load limit - P <sub>u</sub>	0.2 kN
Limiting speed	12000 r/min
Calculation factor - k <sub>r</sub>	0.025
Calculation factor - f <sub>0</sub>	13
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



## NTN Bearing Manufacturing

Weight / Kilogram	0.069
Product Group	B00308
Enclosure	2 Seals
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Enclosure Type	Contact Seal
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	17MM Bore; 40MM Outside Diameter; 12MM Outer Race Width; 2 Seals; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage;
Other Features	Deep Groove   NBR Seal
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	6203-2RSH
Weight / LBS	0.151
Outer Race Width	0.472 Inch   12 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Bore	0.669 Inch   17 Millimeter
Outside Diameter	1.575 Inch   40 Millimeter



## NTN Bearing Manufacturing

bore diameter:	17 mm
static load capacity:	4.75 kN
outside diameter:	40 mm
precision rating:	Not Rated
overall width:	12 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Double Sealed
outer ring width:	12 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.6 mm
internal clearance:	C0
maximum rpm:	12000 RPM
operating temperature range:	-40 to +210 ° F
series:	62
dynamic load capacity:	9.95 kN
$d_2$	21.75 mm
$D_2$	34.98 mm
$d_a$ min.	21.2 mm
$d_a$ max.	22 mm
$D_a$ max.	35.8 mm
$r_a$ max.	0.6 mm
Basic dynamic load rating C	9.95 kN
Basic static load rating $C_0$	4.75 kN
Fatigue load limit $P_u$	0.2 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	13
Mass bearing	0.067 kg