



# BEARING CORP. OF AMERICA



6203 Bearing 2D drawings and 3D CAD models

SKF Distributor Supply Motor Parts Ball Bearings 6203 2z 2RS SKF Ball Bearing 6000, 6200, 6300, 6400, 6800 6900 Series Bearing

Bearing No. 6203

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>1</sub>	24.5 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.	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
Reference speed	38000 r/min
Limiting speed	24000 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



## BEARING CORP. OF AMERICA

Minimum Buy Quantity	N/A
Weight / Kilogram	0.065
EAN	7316577087393
Product Group	B00308
Enclosure	Open
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
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	17MM Bore; 40MM Outside Diameter; 12MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
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
Weight / LBS	0.15
Bore	0.669 Inch   17 Millimeter
Outer Race Width	0.472 Inch   12 Millimeter
Outside Diameter	1.575 Inch   40 Millimeter
d <sub>1</sub>	24.5 mm
D <sub>2</sub>	34.98 mm



## BEARING CORP. OF AMERICA

$d_a$ min.	21.2 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	0.065 kg