



**Bearing No. 6203-2Z/VA228**

D	40 mm
d	17 mm
B	12 mm
Bore	0.669 Inch   17 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	62
Category	Single Row Ball Bearing
Inventory	0.0
Snap Ring	No
Size (mm)	40x17x12
Enclosure	2 Metal Shields
bore type:	Round
Width (mm)	12
maximum rpm:	310 RPM
Weight / LBS	0.152
Mass bearing	0.068 kg
Product Group	B00308
Inch - Metric	Metric
Cage Material	Graphite
closure type:	Double Shielded
D <sub>2</sub>	34.98 mm
d <sub>1</sub>	24.5 mm
Keyword String	Ball
bore diameter:	17 mm
cage material:	Graphite
fillet radius:	0.6 mm
Other Features	Deep Groove   Extreme Temperature Variant

overall width:	12 mm
Bearing number	6203-2Z/VA228
Limiting speed	310 r/min
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Precision Class	ABEC 1   ISO P0
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Inner Race Width	0 Inch   0 Millimeter
Outside Diameter	1.575 Inch   40 Millimeter
Outer Race Width	0.472 Inch   12 Millimeter
Long Description	17MM Bore; 40MM Outside Diameter; 12MM Outer Race Width; 2 Metal Shields; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; Coronet Cage Internal Special Features; C0-Medium Internal Clear
Manufacturer Name	SKF
outer ring width:	12 mm
Weight / Kilogram	0.069
precision rating:	Not Rated
outside diameter:	40 mm
D <sub>a</sub> max.	35.8 mm
Bore Diameter (mm)	40
r <sub>a</sub> max.	0.6 mm
d <sub>a</sub> min.	21.2 mm
Internal Clearance	C0-Medium
d <sub>a</sub> max.	24.4 mm
internal clearance:	C0
Outer Diameter (mm)	17
	21.2 mm

da - min.

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$D_a$ - max.	35.8 mm
$d_a$ - max.	24.4 mm
$r_a$ - max.	0.6 mm
$r_{1,2}$ min.	0.6 mm
Minimum Buy Quantity	N/A
resistance features:	Corrosion Resistant, Extreme Temperature
$D_2$ ?	34.98 mm
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	4.75 kN
$d_1$ ?	24.5 mm
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	0.6 mm
Manufacturer Item Number	6203-2Z/VA228
Limiting temperature - T	350 °C
Internal Special Features	Coronet Cage
Basic dynamic load rating C	9.95 kN
Limiting temperature T max.	350 °C
operating temperature range:	-240 to +660 °F
Basic dynamic load rating - C	10 kN
Maximum Capacity / Filling Slot	No
Basic static load rating $C_0$	4.75 kN
Basic static load rating - $C_0$	4.8 kN