



Bearing No. 6203-2RSLTN9/HC5C3WT

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
Enclosure	2 Seals
Inventory	0.0
Size (mm)	40x17x12
Snap Ring	No
Width (mm)	12
bore type:	Round
Weight / LBS	0.146
Mass bearing	0.059 kg
maximum rpm:	28000 RPM
closure type:	Double Sealed
D <sub>2</sub>	35 mm
d <sub>2</sub>	22.2 mm
Inch - Metric	Metric
Cage Material	Polyamide
Product Group	B00308
bore diameter:	17 mm
cage material:	Fiberglass Reinforced Nylon
Keyword String	Ball
fillet radius:	0.6 mm
Enclosure Type	Contact Seal

overall width:	12 mm
Bearing number	6203-2RSLTN9/HC5C3 WT
Limiting speed	28000 r/min
Other Features	Deep Groove   Low Friction   NBR Seal   Hybrid Silicon Nitride Rolling Element   WT Standard Grease
Reference speed	53000 r/min
Precision Class	ABEC 1   ISO P0
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Outside Diameter	1.575 Inch   40 Millimeter
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; Silicon Nitride Rolling Element   Electrical Insulated Internal Special
Inner Race Width	0 Inch   0 Millimeter
Outer Race Width	0.472 Inch   12 Millimeter
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
outer ring width:	12 mm
outside diameter:	40 mm
precision rating:	Not Rated
Manufacturer Name	SKF
Weight / Kilogram	0.063
Internal Clearance	C3-Loose
r <sub>a</sub> max.	0.6 mm
D <sub>a</sub> max.	35.8 mm

d <sub>a</sub> max.	22 mm
d <sub>a</sub> min.	21.2 mm
Bore Diameter (mm)	40
internal clearance:	C3, C5
Outer Diameter (mm)	17
Minimum Buy Quantity	N/A
r <sub>a</sub> - max.	0.6 mm
D <sub>a</sub> - max.	35.8 mm
d <sub>a</sub> - max.	22 mm
d <sub>a</sub> - min.	21.2 mm
static load capacity:	4.75 kN
d <sub>2</sub> ?	22.2 mm
D <sub>2</sub> ?	35 mm
dynamic load capacity:	9.95 kN
Harmonized Tariff Code	8482.10.50.68
r <sub>1,2</sub> - min.	0.6 mm
Manufacturer Item Number	6203-2RSLTN9/HC5C3 WT
Internal Special Features	Silicon Nitride Rolling Element   Electrical Insulated
Basic dynamic load rating C	9.95 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating - C	10 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P <sub>u</sub>	0.2 kN
Calculation factor k <sub>r</sub>	0.025
Calculation factor f <sub>0</sub>	13.1
Calculation factor - f <sub>0</sub>	13.1
Calculation factor - k <sub>r</sub>	0.025

Fatigue load limit - $P_u$	0.2 kN
Basic static load rating $C_0$	4.75 kN
Basic static load rating - $C_0$	4.8 kN