



Bearing No. 62203-2RS1

D	40 mm
d	17 mm
B	16 mm
Bore	0.669 Inch 17 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	62
Category	Single Row Ball Bearing
Size (mm)	40x17x16
Snap Ring	No
Enclosure	2 Seals
Inventory	0.0
Width (mm)	16
bore type:	Round
maximum rpm:	12000 RPM
Weight / LBS	0.204
Mass bearing	0.089 kg
Inch - Metric	Metric
Product Group	B00308
closure type:	Double Sealed
d ₂	21.5 mm
Cage Material	Steel
D ₂	34.98 mm
Keyword String	Ball
Enclosure Type	Contact Seal
Other Features	Cartridge Bearing
Bearing number	62203-2RS1
bore diameter:	17 mm
overall width:	16 mm

cage material:	Steel
fillet radius:	0.6 mm
Limiting speed	12000 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Outside Diameter	1.575 Inch 40 Millimeter
Manufacturer URL	http://www.skf.com
Outer Race Width	0.63 Inch 16 Millimeter
Long Description	17MM Bore; 40MM Outside Diameter; 16MM Outer Race Diameter; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Weight / Kilogram	0.093
Manufacturer Name	SKF
precision rating:	Not Rated
outside diameter:	40 mm
outer ring width:	16 mm
Bore Diameter (mm)	40
Internal Clearance	C0-Medium
r _a max.	0.6 mm
d _a min.	21.2 mm
D _a max.	35.8 mm
d _a max.	24.4 mm
Outer Diameter (mm)	17
internal clearance:	C0
d _a - min.	21.2 mm
Minimum Buy Quantity	N/A
r _a - max.	0.6 mm
r _{1,2} min.	0.6 mm

d_a - max.	24.4 mm
D_a - max.	35.8 mm
static load capacity:	4.75 kN
row type & fill slot:	Single Row Non-Fill Slot
D_2 ?	34.98 mm
d_2 ?	21.5 mm
dynamic load capacity:	9.56 kN
$r_{1,2}$ - min.	0.6 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	62203-2RS1
Internal Special Features	No
Basic dynamic load rating C	9.56 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating - C	9.6 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.2 kN
Calculation factor k_r	0.025
Calculation factor f_0	13
Calculation factor - k_r	0.025
Calculation factor - f_0	13
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