



Bearing No. 6203-2ZNR

f	1.12 mm
d	17 mm
D	40 mm
B	12 mm
b	1.35 mm
C	2.06 mm
Noun	Bearing
Bore	0.669 Inch 17 Millimeter
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	2 Metal Shields
Size (mm)	40x17x12
Snap Ring	Yes
Snap ring	SP 40
Width (mm)	12
Mass bearing	0.065 kg
Weight / LBS	0.146
D ₄	44.6 mm
D ₃	38.1 mm
D ₂	34.98 mm
Inch - Metric	Metric
Cage Material	Steel
d ₁	24.5 mm
D ₃	38.1 mm
Product Group	B00308
D ₄	44.6 mm
r ₀	0.4 mm
Keyword String	Ball

Other Features	Deep Groove With Snap Ring
Bearing number	6203-2ZNR
Limiting speed	19000 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	38000 r/min
Outer Race Width	0.472 Inch 12 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Long Description	17MM Bore; 40MM Outside Diameter; 12MM Outer Race Width; 2 Metal Shields; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Ste
Outside Diameter	1.575 Inch 40 Millimeter
Manufacturer URL	http://www.skf.com
Manufacturer Name	SKF
Weight / Kilogram	0.068
D_b min.	46 mm
b_a min.	1.5 mm
C_a max.	3.18 mm
d_a max.	24.4 mm
d_a min.	21.2 mm
Internal Clearance	C0-Medium
r_0 max.	0.4 mm
Bore Diameter (mm)	40
r_a max.	0.6 mm
D_a max.	35.8 mm
Outer Diameter (mm)	17

$r_{1,2}$ min.	0.6 mm
d_a - min.	21.2 mm
Minimum Buy Quantity	N/A
d_a - max.	24.4 mm
D_a - max.	35.8 mm
D_b - min.	46 mm
b_a - min.	1.5 mm
C_a - max.	3.18 mm
r_a - max.	0.6 mm
d_1 ?	24.5 mm
D_2 ?	34.98 mm
$r_{1,2}$ - min.	0.6 mm
Harmonized Tariff Code	8482.10.50.68
Internal Special Features	No
Basic dynamic load rating C	9.95 kN
Basic dynamic load rating - C	10 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
Fatigue load limit - P_u	0.2 kN
Calculation factor - k_r	0.025
Calculation factor - f_0	13
Basic static load rating C_0	4.75 kN
Basic static load rating - C_0	4.8 kN