



**Bearing No. 6203-2RSL**

D	40 mm
d	17 mm
B	12 mm
Bore	0.669 Inch   17 Millimeter
Noun	Bearing
UNSPSC	31171504
weight:	0.15 lb
Category	Single Row Ball Bearing
Size (mm)	40x17x12
Snap Ring	No
Enclosure	2 Seals
Inventory	0.0
Width (mm)	12
bore type:	Round
maximum rpm:	38000 rpm
Weight / LBS	0.151
Mass bearing	0.067 kg
Product Group	B00308
Inch - Metric	Metric
closure type:	Double Sealed
Cage Material	Steel
d <sub>2</sub>	21.75 mm
D <sub>2</sub>	34.98 mm
Bearing number	6203-2RSL
Enclosure Type	Contact Seal
Other Features	Deep Groove   Low Friction   NBR Seal
Keyword String	Ball
overall width:	12 mm

bore diameter:	17 mm
cage material:	Steel
fillet radius:	0.6 mm
Limiting speed	19000 r/min
finish/coating:	Uncoated
Precision Class	ABEC 1   ISO P0
Reference speed	38000 r/min
Rolling Element	Ball Bearing
Outer Race Width	0.472 Inch   12 Millimeter
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
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; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage;
Manufacturer Name	SKF
Weight / Kilogram	0.069
bearing material:	Steel
outside diameter:	40 mm
Bore Diameter (mm)	40
Internal Clearance	C0-Medium
d <sub>a</sub> min.	21.2 mm
d <sub>a</sub> max.	22 mm
r <sub>a</sub> max.	0.6 mm
D <sub>a</sub> max.	35.8 mm
snap ring included:	Without Snap Ring
Outer Diameter (mm)	17

$d_a$ - max.	22 mm
Minimum Buy Quantity	N/A
$r_a$ - max.	0.6 mm
$D_a$ - max.	35.8 mm
$d_a$ - min.	21.2 mm
$d_2$ ?	21.75 mm
static load capacity:	4.75 kN
row type & fill slot:	Single Row Non-Fill Slot
$D_2$ ?	34.98 mm
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	0.6 mm
dynamic load capacity:	9.95 kN
Manufacturer Item Number	6203-2RSL
manufacturer upc number:	7316571856391
Internal Special Features	No
manufacturer product page:	<a href="#">Click here</a>
Basic dynamic load rating C	9.95 kN
operating temperature range:	-40 to 212 °F °F
Basic dynamic load rating - C	10 kN
Maximum Capacity / Filling Slot	No
Calculation factor $k_r$	0.025
Fatigue load limit $P_u$	0.2 kN
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