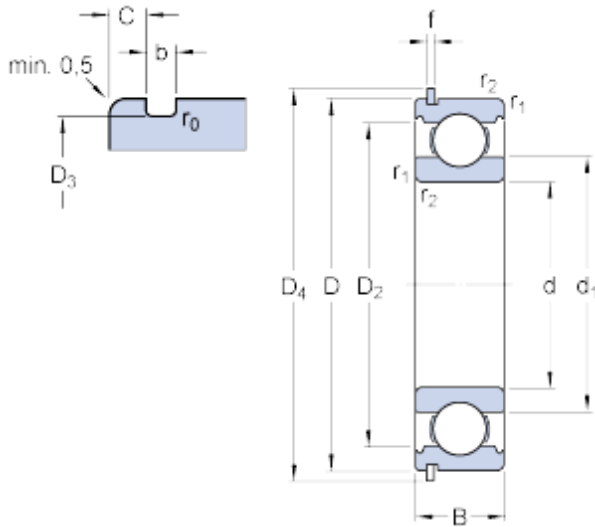




## NTN bearing de Mexico, S.A.



20 mm x 42 mm x 12 mm skf 6004 NR Deep groove ball bearings

Bearing No. 6004 NR

6004 NR Bearing 2D drawings and 3D CAD models

Size	42x20x12 mm
Bore Diameter	42 mm
Outer Diameter	20 mm
Width	12 mm
d	20 mm
D	42 mm
B	12 mm
d <sub>1</sub>	27.2 mm
D <sub>2</sub>	37.19 mm
D <sub>3</sub>	39.75 mm
D <sub>4</sub>	46.3 mm
b	1.35 mm
C	2.06 mm
f	1.12 mm
r <sub>0</sub>	0.4 mm
r <sub>1,2</sub> - min.	0.6 mm
d <sub>a</sub> - min.	23.2 mm
D <sub>a</sub> - max.	38.8 mm
D <sub>b</sub> - min.	48 mm
b <sub>a</sub> - min.	1.5 mm
C <sub>a</sub> - max.	3.18 mm
r <sub>a</sub> - max.	0.6 mm
Basic dynamic load rating - C	10 kN
Basic static load rating - C <sub>0</sub>	5 kN



## NTN bearing de Mexico, S.A.

Fatigue load limit - $P_u$	0.212 kN
Reference speed	38000 r/min
Limiting speed	24000 r/min
Calculation factor - $k_r$	0.025
Calculation factor - $f_0$	14
Mass bearing	0.069 kg
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0
EAN	7316570505641
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	Yes
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	20MM Bore; 42MM Outside Diameter; 12MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Other Features	Deep Groove   With Snap Ring
Category	Single Row Ball Bearing



## NTN bearing de Mexico, S.A.

UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Weight / LBS	0.16
Bore	0.787 Inch   20 Millimeter
Outer Race Width	0.472 Inch   12 Millimeter
Outside Diameter	1.654 Inch   42 Millimeter
Inner Race Width	0 Inch   0 Millimeter
$d_1$	27.2 mm
$D_2$	37.19 mm
$D_3$	39.75 mm
$D_4$	46.3 mm
$r_0$ max.	0.4 mm
$r_{1,2}$ min.	0.6 mm
$d_a$ min.	23.2 mm
$D_a$ max.	38.8 mm
$D_b$ min.	48 mm
$b_a$ min.	1.5 mm
$C_a$ max.	3.18 mm
$r_a$ max.	0.6 mm
Basic dynamic load rating C	9.95 kN
Basic static load rating $C_0$	5 kN
Fatigue load limit $P_u$	0.212 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	14
Snap ring	SP 42