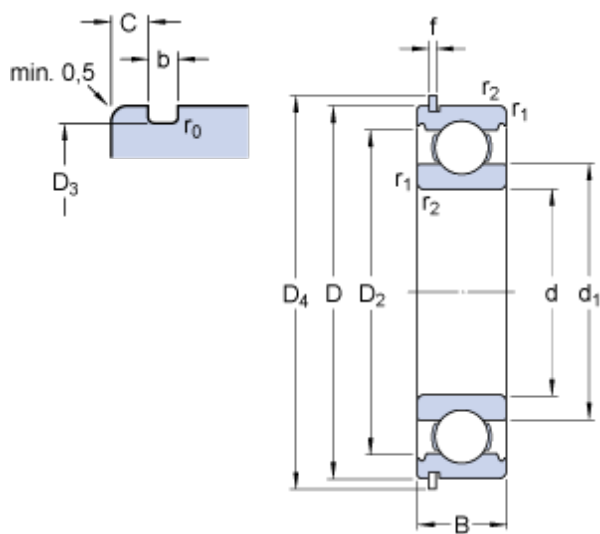




Bearing No. 6004 NR

f	1.12 mm
d	20 mm
D	42 mm
B	12 mm
b	1.35 mm
C	2.06 mm
Noun	Bearing
Bore	0.787 Inch 20 Millimeter
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	42x20x12
Snap Ring	Yes
Snap ring	SP 42
Width (mm)	12
Mass bearing	0.069 kg
Weight / LBS	0.16
D ₄	46.3 mm
D ₃	39.75 mm
D ₂	37.19 mm
Inch - Metric	Metric
Cage Material	Steel
d ₁	27.2 mm
D ₃	39.75 mm
Product Group	B00308
D ₄	46.3 mm
r ₀	0.4 mm
Keyword String	Ball

Other Features	Deep Groove With Snap Ring
Bearing number	6004 NR
Limiting speed	24000 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	38000 r/min
Outside Diameter	1.654 Inch 42 Millimeter
Inner Race Width	0 Inch 0 Millimeter
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
Outer Race Width	0.472 Inch 12 Millimeter
Manufacturer URL	http://www.skf.com
Weight / Kilogram	0
Manufacturer Name	SKF
b _a min.	1.5 mm
D _b min.	48 mm
C _a max.	3.18 mm
d _a min.	23.2 mm
Internal Clearance	C0-Medium
r ₀ max.	0.4 mm
Bore Diameter (mm)	42
r _a max.	0.6 mm
D _a max.	38.8 mm
Outer Diameter (mm)	20
r _{1,2} min.	0.6 mm

d_a - min.	23.2 mm
Minimum Buy Quantity	N/A
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
d_1 ?	27.2 mm
D_2 ?	37.19 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	0.212 kN
Calculation factor k_r	0.025
Calculation factor f_0	14
Calculation factor - k_r	0.025
Fatigue load limit - P_u	0.212 kN
Calculation factor - f_0	14
Basic static load rating C_0	5 kN
Basic static load rating - C_0	5 kN