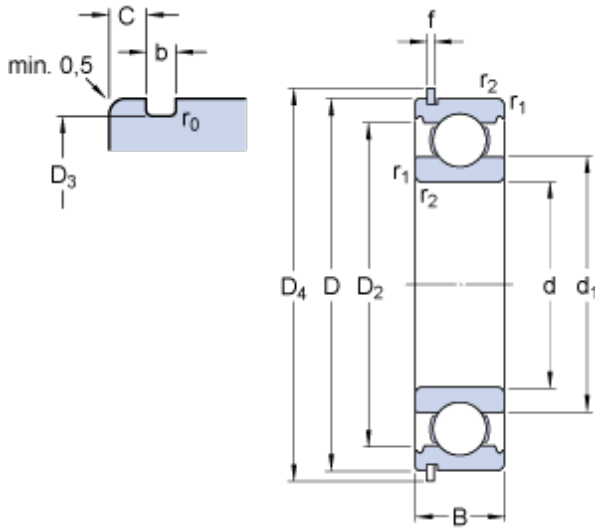




USK BEARING COMPANY



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

Bearing No. 6004 NR

Size	42x20x12 mm
Bore Diameter	42 mm
Outer Diameter	20 mm
Width	12 mm
d	20 mm
D	42 mm
B	12 mm
d ₁	27.2 mm
D ₂	37.19 mm
D ₃	39.75 mm
D ₄	46.3 mm
b	1.35 mm
C	2.06 mm
f	1.12 mm
r ₀	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	10 kN
Basic static load rating - C ₀	5 kN

6004 NR Bearing 2D drawings and 3D CAD models



USK BEARING COMPANY

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
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
UNSPSC	31171504



USK BEARING COMPANY

Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.skf.com
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