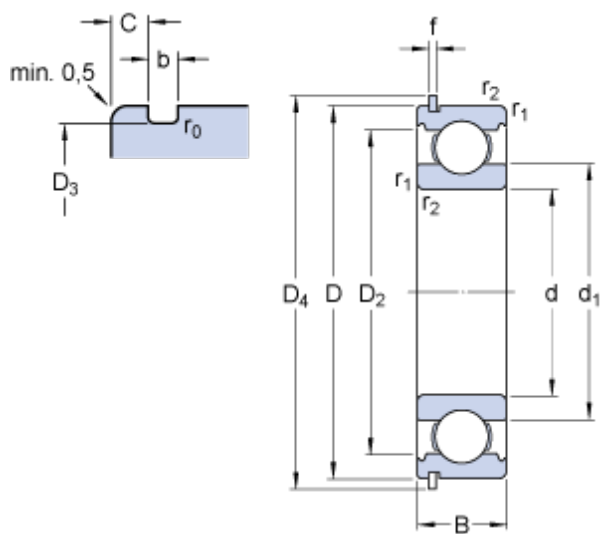




Bearing No. 6304 NR

D	52 mm
d	20 mm
B	15 mm
b	1.35 mm
C	2.46 mm
f	1.12 mm
Bore	0.787 Inch 20 Millimeter
Noun	Bearing
UNSPSC	31171504
weight:	0.33 lb
series:	63
Category	Single Row Ball Bearing
Size (mm)	52x20x15
Snap Ring	Yes
Enclosure	Open
Inventory	0.0
Snap ring	SP 52
Width (mm)	15
bore type:	Round
Mass bearing	0.149 kg
Weight / LBS	0.333
maximum rpm:	30000 rpm
d ₁	30.35 mm
D ₄	57.9 mm
Product Group	B00308
Inch - Metric	Metric
D ₂	44.71 mm
r ₀	0.4 mm
D ₄	57.9 mm

D ₃	49.73 mm
D ₃	49.73 mm
closure type:	Open
Cage Material	Steel
Keyword String	Ball
fillet radius:	1.1 mm
bore diameter:	20 mm
overall width:	15 mm
Other Features	Deep Groove With Snap Ring
cage material:	Steel
Bearing number	6304 NR
Limiting speed	19000 r/min
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Reference speed	30000 r/min
Precision Class	ABEC 1 ISO P0
Manufacturer URL	http://www.skf.com
Outside Diameter	2.047 Inch 52 Millimeter
Long Description	20MM Bore; 52MM Outside Diameter; 15MM 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	0.591 Inch 15 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Manufacturer Name	SKF
outside diameter:	52 mm
bearing material:	Steel

Weight / Kilogram	0.142
r _a max.	1 mm
Bore Diameter (mm)	52
Internal Clearance	C0-Medium
r ₀ max.	0.4 mm
d _a min.	27 mm
D _a max.	45 mm
D _b min.	59 mm
b _a min.	1.5 mm
C _a max.	3.58 mm
internal clearance:	C0
Outer Diameter (mm)	20
snap ring included:	With Snap Ring
b _a - min.	1.5 mm
D _b - min.	59 mm
r _{1,2} min.	1.1 mm
r _a - max.	1 mm
C _a - max.	3.58 mm
Minimum Buy Quantity	N/A
D _a - max.	45 mm
d _a - min.	27 mm
static load capacity:	7.8 kN
row type & fill slot:	Single Row Non-Fill Slot
d ₁ ?	30.35 mm
D ₂ ?	44.71 mm
Harmonized Tariff Code	8482.10.50.68
r _{1,2} - min.	1.1 mm
dynamic load capacity:	16.8 kN
Manufacturer Item Number	6304 NR
manufacturer upc number:	7316577297709
Internal Special	No

Features	
manufacturer product page:	Click here
Basic dynamic load rating C	16.8 kN
operating temperature range:	Max 250 °F
Basic dynamic load rating - C	16.8 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.335 kN
Calculation factor k_r	0.03
Calculation factor f_0	12
Fatigue load limit - P_u	0.335 kN
Calculation factor - k_r	0.03
Calculation factor - f_0	12
Basic static load rating C_0	7.8 kN
Basic static load rating - C_0	7.8 kN