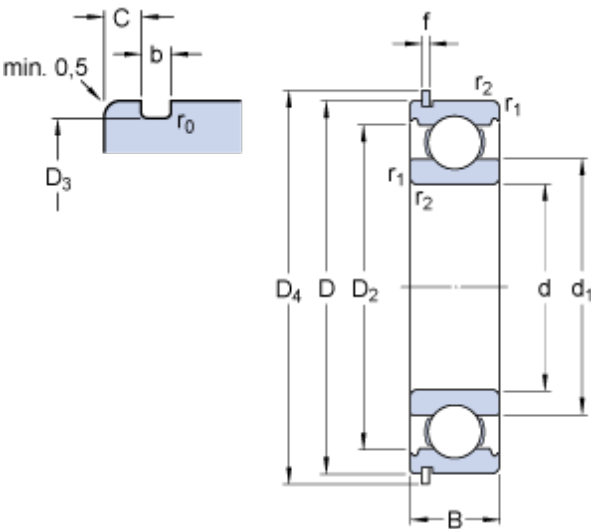




Bearing No. 6005 NR

C	2.06 mm
b	1.35 mm
d	25 mm
D	47 mm
B	12 mm
f	1.12 mm
Bore	0.984 Inch 25 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	60
Category	Single Row Ball Bearing
Inventory	0.0
Snap Ring	Yes
Snap ring	SP 47
Enclosure	Open
Size (mm)	47x25x12
Width (mm)	12
bore type:	Round
Mass bearing	0.08 kg
Weight / LBS	0.19
maximum rpm:	20000 RPM
Product Group	B00308
Inch - Metric	Metric
closure type:	Open
D ₃	44.6 mm
D ₄	52.7 mm
D ₄	52.7 mm
d ₁	32 mm
Cage Material	Steel

bore diameter:	25 mm
overall width:	12 mm
cage material:	Steel
fillet radius:	0.6 mm
Bearing number	6005 NR
Keyword String	Ball
Limiting speed	20000 r/min
finish/coating:	Uncoated
Reference speed	32000 r/min
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Long Description	25MM Bore; 47MM Outside Diameter; 12MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features
Outer Race Width	0.472 Inch 12 Millimeter
Outside Diameter	1.85 Inch 47 Millimeter
Manufacturer URL	http://www.skf.com
precision rating:	Not Rated
outside diameter:	47 mm
outer ring width:	12 mm
Weight / Kilogram	0.086
Manufacturer Name	SKF
D _a max.	43.8 mm
D _b min.	54 mm
b _a min.	1.5 mm
d _a min.	28.2 mm
C _a max.	3.18 mm
r _a max.	0.6 mm
r ₀ max.	0.4 mm

Bore Diameter (mm)	47
Internal Clearance	C0-Medium
Outer Diameter (mm)	25
internal clearance:	C3
snap ring included:	With Snap Ring
D_a - max.	43.8 mm
d_a - min.	28.2 mm
r_a - max.	0.6 mm
b_a - min.	1.5 mm
Minimum Buy Quantity	N/A
D_b - min.	54 mm
$r_{1,2}$ min.	0.6 mm
C_a - max.	3.18 mm
static load capacity:	6.55 kN
row type & fill slot:	Single Row Non-Fill Slot
D_2 ?	42.2 mm
d_1 ?	32 mm
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	11.9 kN
Manufacturer Item Number	6005 NR
Internal Special Features	No
Basic dynamic load rating C	11.9 kN
Basic dynamic load rating - C	11.9 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.275 kN
Calculation factor k_r	0.025
Calculation factor f_0	14
Calculation factor - f_0	14

Calculation factor - k_f	0.025
Fatigue load limit - P_u	0.275 kN
Basic static load rating C_0	6.55 kN
Basic static load rating - C_0	6.6 kN