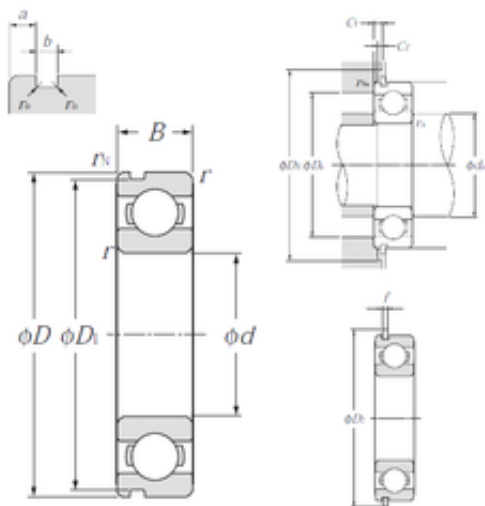




Bearing No. 6005NR

b	1,35 mm
d	25 mm
D	47 mm
B	12 mm
C	12 mm
f	1,12 mm
a	2,06 mm
D1	44,6 mm
D2	52,7 mm
Cy	2,9 mm
f0	14.5
rn	0,5 mm
Dx	53,5 mm
Cz	1,2 mm
Bore	0.984 Inch 25 Millimeter
Noun	Bearing
Mass	0.08 kg
b max	1.65 mm
b min	1.35 mm
a min	1.9 mm
a max	2.06 mm
UNSPSC	31171504
D4 max	52.7 mm
Db min	53.5 mm
da min	29 mm
D3 max	44.6 mm
Da max	43 mm
rs min	0.6 mm
Ca max	3.18 mm

Ca min	3.02 mm
r0 max	0.4 mm
ra max	0.6 mm
da max	30,5 mm
r min.	0,6 mm
Weight	0,08 Kg
series:	60
r0 max.	0,4 mm
da min.	29 mm
rNa max	0.5 mm
Da max.	43 mm
rNs min	0.5 mm
ra max.	0,6 mm
Category	Single Row Ball Bearing
Size (mm)	25x47x12
Inventory	0.0
Enclosure	Open
Snap Ring	Yes
Nlim (oil)	18,000 rpm
bore type:	Round
Width (mm)	12
Weight / LBS	0.176
maximum rpm:	18000 RPM
Inch - Metric	Metric
Product Group	B00308
Cage Material	Steel
closure type:	Open
Nlim (grease)	15,000 rpm
Keyword String	Ball
Bearing number	6005NR
fillet radius:	0.6 mm
cage material:	Steel

overall width:	12 mm
bore diameter:	25 mm
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Dynamic load, C	10.1 kN
Static load, C0	5.85 kN
Outside Diameter	1.85 Inch 47 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Outer Race Width	0.472 Inch 12 Millimeter
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
bearing material:	High Carbon Chrome Steel
inner ring width:	12 mm
outer ring width:	12 mm
outside diameter:	47 mm
precision rating:	ISO Class 0
Weight / Kilogram	0.081
Manufacturer Name	NTN
Internal Clearance	C0-Medium
Bore Diameter (mm)	25
maximum rpm (oil):	18000 rpm
internal clearance:	CN
Snap ring reference	R47
snap ring included:	With Snap Ring
Outer Diameter (mm)	47

Minimum Buy Quantity	N/A
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	15000 rpm
static load capacity:	5850 N
dynamic load capacity:	10100 N
Fatigue limit load, Cu	0.27 kN
Radial clearance class	CN
Harmonized Tariff Code	8482.10.50.68
(Oil) Lubrication Speed	18 000 r/min
Manufacturer Item Number	6005NR
Internal Special Features	No
(Grease) Lubrication Speed	15 000 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	5,85 kN
Basic dynamic load rating (C)	10,1 kN
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.41 Hz
Characteristic outer ring frequency, BPF0	4.12 Hz
Characteristic inner ring frequency, BPF1	5.88 Hz
Characteristic rolling	5.49 Hz

element frequency, BSF	
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