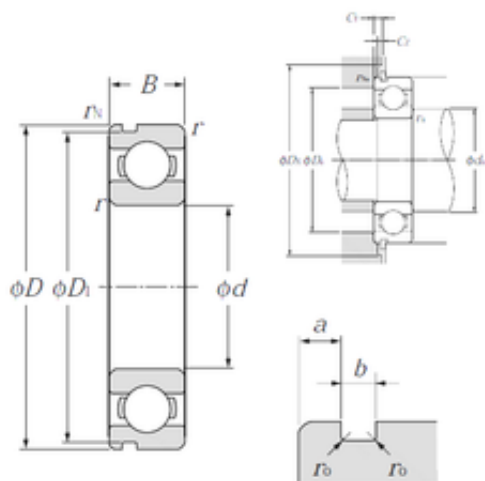




Bearing No. 6205N

a	2,46 mm
b	1,35 mm
d	25 mm
D	52 mm
B	15 mm
C	15 mm
Dx	58,5 mm
Cz	1,2 mm
D1	49,73 mm
rn	0,5 mm
f0	13.9
Cy	3,3 mm
Bore	0.984 Inch 25 Millimeter
Noun	Bearing
Mass	0.13 kg
b max	1.65 mm
b min	1.35 mm
a min	2.31 mm
a max	2.46 mm
da min	30 mm
rs min	1 mm
da max	32 mm
Weight	0,128 Kg
UNSPSC	31171504
ra max	1 mm
Da max	47 mm
r0 max	0.4 mm
r min.	1 mm
D3 max	49.73 mm

ra max.	1 mm
rNs min	0.5 mm
Da max.	47 mm
r0 max.	0,4 mm
da min.	30 mm
rNa max	0.5 mm
Category	Single Row Ball Bearing
Inventory	0.0
Snap Ring	Yes
Enclosure	Open
Size (mm)	25x52x15
Nlim (oil)	15,000 rpm
Width (mm)	15
Weight / LBS	0.276
Product Group	B00308
Nlim (grease)	13,000 rpm
Inch - Metric	Metric
Cage Material	Steel
Keyword String	Ball
Bearing number	6205N
Precision Class	ABEC 1 ISO P0
Static load, C0	7.85 kN
Dynamic load, C	14 kN
Rolling Element	Ball Bearing
Manufacturer URL	http://www.ntnamerica.com
Long Description	25MM Bore; 52MM Outside Diameter; 15MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features
Outer Race Width	0.591 Inch 15

	Millimeter
Outside Diameter	2.047 Inch 52 Millimeter
Weight / Kilogram	0.125
Manufacturer Name	NTN
Internal Clearance	C0-Medium
Bore Diameter (mm)	25
Outer Diameter (mm)	52
Minimum Buy Quantity	N/A
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
Fatigue limit load, Cu	0.36 kN
(Oil) Lubrication Speed	15 000 r/min
Manufacturer Item Number	6205N
Internal Special Features	No
(Grease) Lubrication Speed	13 000 r/min
Basic static load rating (C0)	7,85 kN
Basic dynamic load rating (C)	14 kN
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No
Min operating temperature, Tmin	-20 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic outer ring frequency, BPF0	3.58 Hz
Characteristic inner ring frequency, BPF1	5.42 Hz
Characteristic rolling	4.71 Hz

element frequency, BSF	
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