



## Bearing No. 6305N

D	62 mm
d	25 mm
B	17 mm
C	17 mm
a	3,28 mm
b	1,9 mm
f0	12.6
D1	59,61 mm
Cz	1,7 mm
Cy	4,6 mm
rn	0,5 mm
Dx	68,5 mm
Mass	0.23 kg
Noun	Bearing
Bore	0.984 Inch   25 Millimeter
b max	2.2 mm
b min	1.9 mm
a max	3.28 mm
a min	3.07 mm
Da max	55.5 mm
UNSPSC	31171504
ra max	1 mm
r0 max	0.6 mm
rs min	1.1 mm
D3 max	59.61 mm
da min	31.5 mm
r min.	1,1 mm
da max	35 mm
Weight	0,232 Kg

rNa max	0.5 mm
Da max.	55,5 mm
ra max.	1 mm
r0 max.	0,6 mm
da min.	31,5 mm
rNs min	0.5 mm
Category	Single Row Ball Bearing
Snap Ring	Yes
Enclosure	Open
Size (mm)	25x62x17
Inventory	0.0
Width (mm)	17
Nlim (oil)	14,000 rpm
Weight / LBS	0.52
Inch - Metric	Metric
Nlim (grease)	12,000 rpm
Product Group	B00308
Cage Material	Steel
Other Features	Deep Groove   With Snap Ring Groove
Keyword String	Ball
Bearing number	6305N
Dynamic load, C	21.2 kN
Precision Class	ABEC 1   ISO P0
Static load, C0	10.9 kN
Rolling Element	Ball Bearing
Inner Race Width	0 Inch   0 Millimeter
Outside Diameter	2.441 Inch   62 Millimeter
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Long Description	25MM Bore; 62MM Outside Diameter; 17MM 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	0.669 Inch   17 Millimeter
Manufacturer Name	NTN
Weight / Kilogram	0.228
Bore Diameter (mm)	25
Internal Clearance	C0-Medium
Outer Diameter (mm)	62
Minimum Buy Quantity	N/A
Fatigue limit load, Cu	0.5 kN
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
(Oil) Lubrication Speed	14 000 r/min
Internal Special Features	No
(Grease) Lubrication Speed	12 000 r/min
Basic static load rating (C0)	10,9 kN
Basic dynamic load rating (C)	21,2 kN
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.37 Hz
Characteristic outer ring frequency, BPF0	2.61 Hz

Characteristic inner ring frequency, BPI	4.39 Hz
Characteristic rolling element frequency, BSF	3.66 Hz