



### Bearing No. 6305/65

D	65,000 mm
d	25,000 mm
B	17,000 mm
C	17,000 mm
f0	12.6
Mass	0.23 kg
Bore	0.984 Inch   25 Millimeter
Noun	Bearing
ra max	1 mm
Da max	58.5 mm
da min	31.5 mm
UNSPSC	31171504
rs min	1.1 mm
Category	Single Row Ball Bearing
Size (mm)	25x65x17
Snap Ring	No
Enclosure	Open
Inventory	0.0
Nlim (oil)	14,000 rpm
Width (mm)	17,000
Weight / LBS	0.511
Nlim (grease)	12,000 rpm
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
Keyword String	Ball
Other Features	Deep Groove
Bearing number	6305/65
Precision Class	ABEC 1   ISO P0

Static load, C0	10.9 kN
Rolling Element	Ball Bearing
Dynamic load, C	21.2 kN
Outer Race Width	0.669 Inch   17 Millimeter
Outside Diameter	2.559 Inch   65 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Long Description	25MM Bore; 65MM Outside Diameter; 17MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Weight / Kilogram	0.267
Manufacturer Name	NTN
Bore Diameter (mm)	25,000
Internal Clearance	C0-Medium
Outer Diameter (mm)	65,000
Minimum Buy Quantity	N/A
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
Fatigue limit load, Cu	0.5 kN
Manufacturer Item Number	6305/65
Internal Special Features	No
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, BPF1	4.39 Hz
Characteristic rolling element frequency, BSF	3.66 Hz