



Bearing No. 6305

D	62 mm
d	25 mm
B	17 mm
C	17 mm
f0	12.6
Mass	0.23 kg
Bore	0.984 Inch 25 Millimeter
Noun	Bearing
Weight	0,232 Kg
rs min	1.1 mm
Da max	55.5 mm
da min	31.5 mm
UNSPSC	31171504
r min.	1,1 mm
ra max	1 mm
da max	35 mm
Da max.	55,5 mm
ra max.	1 mm
da min.	31,5 mm
series:	63
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	25x62x17
Snap Ring	No
Nlim (oil)	14,000 rpm
Width (mm)	17
bore type:	Round
Weight / LBS	0.511

maximum rpm:	1400 RPM
Cage Material	Steel
Nlim (grease)	12,000 rpm
closure type:	Open
Product Group	B00308
Inch - Metric	Metric
Bearing number	6305
Other Features	Deep Groove
Keyword String	Ball
bore diameter:	25 mm
overall width:	17 mm
cage material:	Steel
fillet radius:	1.1 mm
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Static load, C0	10.9 kN
Dynamic load, C	21.2 kN
Manufacturer URL	http://www.ntnamerica.com
Long Description	25MM Bore; 62MM 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
Outer Race Width	0.669 Inch 17 Millimeter
Outside Diameter	2.441 Inch 62 Millimeter
Inner Race Width	0 Inch 0 Millimeter
outer ring width:	17 mm

inner ring width:	17 mm
bearing material:	High Carbon Chrome Steel
outside diameter:	62 mm
Weight / Kilogram	0.228
precision rating:	Class 0
Manufacturer Name	NTN
Bore Diameter (mm)	25
Internal Clearance	C0-Medium
maximum rpm (oil):	14000 rpm
snap ring included:	Without Snap Ring
Outer Diameter (mm)	62
internal clearance:	CN
Minimum Buy Quantity	N/A
static load capacity:	10900 N
maximum rpm (grease):	12000 rpm
row type & fill slot:	Single Row Non-Fill Slot
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
dynamic load capacity:	21200 N
Fatigue limit load, Cu	0.5 kN
(Oil) Lubrication Speed	14 000 r/min
Manufacturer Item Number	6305
Internal Special Features	No
(Grease) Lubrication Speed	12 000 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	10,9 kN

Basic dynamic load rating (C)	21,2 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.37 Hz
Characteristic inner ring frequency, BPI	4.39 Hz
Characteristic outer ring frequency, BPO	2.61 Hz
Characteristic rolling element frequency, BSF	3.66 Hz