



### Bearing No. 6305ZNR

f	1.7 mm
d	25,000 mm
D	62,000 mm
B	17,000 mm
C	17,000 mm
f0	12.6
Bore	0.984 Inch   25 Millimeter
Noun	Bearing
Mass	0.23 kg
b max	2.2 mm
b min	1.9 mm
a min	3.07 mm
a max	3.28 mm
Ca min	4.67 mm
rs min	1.1 mm
D3 max	59.61 mm
r0 max	0.6 mm
D4 max	67.7 mm
UNSPSC	31171504
Ca max	4.98 mm
Db min	68.5 mm
da min	31.5 mm
Da max	55.5 mm
ra max	1 mm
series:	63
rNs min	0.5 mm
rNa max	0.5 mm
Category	Single Row Ball Bearing
Snap Ring	Yes

Size (mm)	25x62x17
Inventory	0.0
Enclosure	1 Metal Shield
bore type:	Round
Nlim (oil)	14,000 rpm
Width (mm)	17,000
Weight / LBS	0.52
maximum rpm:	1400 RPM
Nlim (grease)	12,000 rpm
closure type:	Single Shield
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
Keyword String	Ball
bore diameter:	25 mm
overall width:	17 mm
cage material:	Steel
fillet radius:	1.1 mm
Other Features	Deep Groove   With Snap Ring
Bearing number	6305ZNR
finish/coating:	Uncoated
Precision Class	ABEC 1   ISO P0
Dynamic load, C	21.2 kN
Static load, C0	10.9 kN
Rolling Element	Ball Bearing
Outside Diameter	2.441 Inch   62 Millimeter
Long Description	25MM Bore; 62MM Outside Diameter; 17MM Outer Race Width; 1 Metal Shield; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; Yes Snap Ring; No

	Internal Special Features; C0-Medium Internal Clearance; Stee
Inner Race Width	0 Inch   0 Millimeter
Outer Race Width	0.669 Inch   17 Millimeter
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
outer ring width:	17 mm
inner ring width:	17 mm
bearing material:	High Carbon Chrome Steel
outside diameter:	62 mm
precision rating:	ISO Class 0
Manufacturer Name	NTN
Weight / Kilogram	0.239
Internal Clearance	C0-Medium
maximum rpm (oil):	14000 rpm
Bore Diameter (mm)	25,000
Snap ring reference	R62
internal clearance:	CN
snap ring included:	With Snap Ring
Outer Diameter (mm)	62,000
Minimum Buy Quantity	N/A
maximum rpm (grease):	12000 rpm
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	10900 N
Fatigue limit load, Cu	0.5 kN
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
dynamic load capacity:	21200 N
Manufacturer Item Number	6305ZNR
Internal Special	No

Features	
manufacturer product page:	<a href="#">Click here</a>
operating temperature range:	-40 to 120 °C
Maximum Capacity / Filling Slot	No
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.37 Hz
Characteristic inner ring frequency, BPF1	4.39 Hz
Characteristic outer ring frequency, BPF0	2.61 Hz
Characteristic rolling element frequency, BSF	3.66 Hz