



# Timken PRECISION AXLE Manufacturing C...



high speed NTN deep groove ball bearings  
63/28 ABEC1 precision ntn 6004 LLU ZZ ball  
bearing for sale

Bearing No. 63/28

63/28 Bearing 2D drawings and 3D CAD models

Size	28x68x18 mm
Bore Diameter	28 mm
Outer Diameter	68 mm
Width	18 mm
d	28 mm
D	68 mm
B	18 mm
C	18 mm
r min.	1,1 mm
da min.	34,5 mm
da max	38,5 mm
Da max.	61,5 mm
ra max.	1 mm
Weight	0,284 Kg
Basic dynamic load rating (C)	26,7 kN
Basic static load rating (C0)	14 kN
(Grease) Lubrication Speed	11 000 r/min
(Oil) Lubrication Speed	13 000 r/min
rs min	1.1 mm
Radial clearance class	CN
Mass	0.28 kg
Dynamic load, C	26.7 kN
Static load, C0	14 kN
Fatigue limit load, Cu	0.64 kN



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f0	12.4
Nlim (oil)	13,000 rpm
Nlim (grease)	11,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.37 Hz
Characteristic rolling element frequency, BSF	3.52 Hz
Characteristic outer ring frequency, BPF0	2.57 Hz
Characteristic inner ring frequency, BRFI	4.43 Hz
da min	34.5 mm
Da max	61.5 mm
ra max	1 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.283
EAN	4547359379389
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium



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Inch - Metric	Metric
Long Description	28MM Bore; 68MM Outside Diameter; 18MM 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
Other Features	Deep Groove
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Manufacturer Item Number	63/28
Weight / LBS	0.624
Outside Diameter	2.677 Inch   68 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Bore	1.102 Inch   28 Millimeter
Outer Race Width	0.709 Inch   18 Millimeter
bore diameter:	28 mm
finish/coating:	Uncoated
outside diameter:	68 mm
bearing material:	High Carbon Chrome Steel
overall width:	18 mm
cage material:	Steel
bore type:	Round
inner ring width:	18 mm
closure type:	Open
outer ring width:	18 mm
row type & fill slot:	Single Row Non-Fill Slot



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maximum rpm (grease):	11000 rpm
snap ring included:	Without Snap Ring
maximum rpm (oil):	13000 rpm
internal clearance:	CN
fillet radius:	1.1 mm
operating temperature range:	-40 to 120 ° C
maximum rpm:	7400 RPM
dynamic load capacity:	26700 N
series:	63
static load capacity:	14000 N
manufacturer product page:	<a href="#">Click here</a>
precision rating:	Class 0