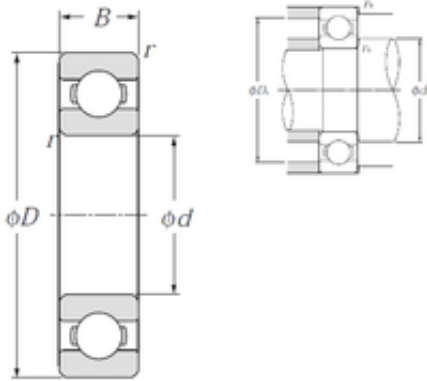




# Huaxin Bearing Co., Ltd

## 15 mm x 42 mm x 13 mm NTN 6302 deep groove ball bearings

Bearing No. 6302



6302 Bearing 2D drawings and 3D CAD models

Size	15x42x13 mm
Bore Diameter	15 mm
Outer Diameter	42 mm
Width	13 mm
d	15 mm
D	42 mm
B	13 mm
C	13 mm
r min.	1 mm
da min.	20 mm
da max	23 mm
Da max.	37 mm
ra max.	1 mm
Weight	0,082 Kg
Basic dynamic load rating (C)	11,4 kN
Basic static load rating (C0)	5,45 kN
(Grease) Lubrication Speed	17 000 r/min
(Oil) Lubrication Speed	21 000 r/min
rs min	1 mm
Radial clearance class	CN
Mass	0.08 kg
Dynamic load, C	11.4 kN
Static load, C0	5.45 kN
Fatigue limit load, Cu	0.25 kN
f0	12.3



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Nlim (oil)	21,000 rpm
Nlim (grease)	17,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.36 Hz
Characteristic rolling element frequency, BSF	3.45 Hz
Characteristic outer ring frequency, BPF0	2.56 Hz
Characteristic inner ring frequency, BPFI	4.44 Hz
da min	20 mm
Da max	37 mm
ra max	1 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.083
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
Inch - Metric	Metric
Long Description	15MM Bore; 42MM Outside Diameter; 13MM



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	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	6302
Weight / LBS	0.181
Outer Race Width	0.512 Inch   13 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Bore	0.591 Inch   15 Millimeter
Outside Diameter	1.654 Inch   42 Millimeter
bore diameter:	15 mm
precision rating:	Class 0
outside diameter:	42 mm
finish/coating:	Uncoated
overall width:	13 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Open
inner ring width:	13 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	13 mm
snap ring included:	Without Snap Ring



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maximum rpm (grease):	17000 rpm
internal clearance:	CN
maximum rpm (oil):	21000 rpm
operating temperature range:	-40 to 120 ° C
fillet radius:	1 mm
dynamic load capacity:	11400 N
manufacturer product page:	<a href="#">Click here</a>
static load capacity:	5450 N