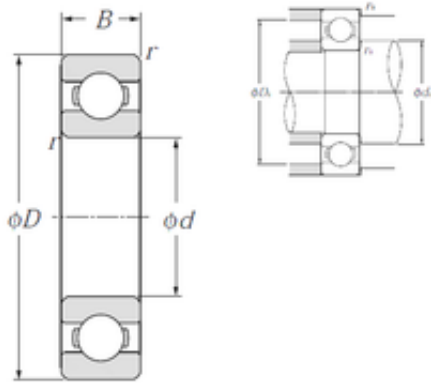




Wuxi Shenbing Bearing Company Limited

60 mm x 130 mm x 31 mm NTN 6312 deep groove ball bearings



Bearing No. 6312

6312 Bearing 2D drawings and 3D CAD models

Size	60x130x31 mm
Bore Diameter	60 mm
Outer Diameter	130 mm
Width	31 mm
d	60 mm
D	130 mm
B	31 mm
C	31 mm
r min.	2,1 mm
da min.	71 mm
da max	80,5 mm
Da max.	119 mm
ra max.	2 mm
Weight	1,73 Kg
Basic dynamic load rating (C)	82 kN
Basic static load rating (C0)	52 kN
(Grease) Lubrication Speed	5 400 r/min
(Oil) Lubrication Speed	6 300 r/min
rs min	2.1 mm
Radial clearance class	CN
Mass	1.73 kg
Dynamic load, C	82 kN
Static load, C0	52 kN
Fatigue limit load, Cu	2.36 kN
f0	13.2



Wuxi Shenbing Bearing Company Limited

Nlim (oil)	6,300 rpm
Nlim (grease)	5,400 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.38 Hz
Characteristic rolling element frequency, BSF	4.09 Hz
Characteristic outer ring frequency, BPF0	3.07 Hz
Characteristic inner ring frequency, BRF1	4.93 Hz
da min	71 mm
Da max	119 mm
ra max	2 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.672
EAN	4547359005691
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



Wuxi Shenbing Bearing Company Limited

Long Description	60MM Bore; 130MM Outside Diameter; 31MM 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	http://www.ntnamerica.com
Manufacturer Item Number	6312
Weight / LBS	3.814
Bore	2.362 Inch 60 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	1.22 Inch 31 Millimeter
Outside Diameter	5.118 Inch 130 Millimeter
bore diameter:	60 mm
precision rating:	Class 0
outside diameter:	130 mm
finish/coating:	Uncoated
overall width:	31 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Open
inner ring width:	31 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	31 mm



Wuxi Shenbing Bearing Company Limited

snap ring included:	Without Snap Ring
maximum rpm (grease):	5400 rpm
internal clearance:	CN
maximum rpm (oil):	6300 rpm
operating temperature range:	-40 to 120 ° C
fillet radius:	2.1 mm
dynamic load capacity:	82000 N
manufacturer product page:	Click here
static load capacity:	52000 N