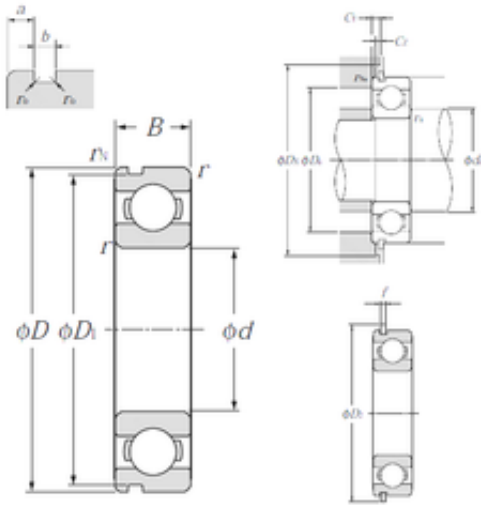




Double BALL BEARINGS CO, LTD



15 mm x 35 mm x 11 mm NTN 6202NR deep groove ball bearings

Bearing No. 6202NR

6202NR Bearing 2D drawings and 3D CAD models

Size	15x35x11 mm
Bore Diameter	15 mm
Outer Diameter	35 mm
Width	11 mm
d	15 mm
D	35 mm
B	11 mm
C	11 mm
rn	0,5 mm
a	2,06 mm
b	1,35 mm
f	1,12 mm
r min.	0,6 mm
r0 max.	0,4 mm
D1	33,17 mm
D2	39,7 mm
da min.	19 mm
da max	20 mm
Da max.	31 mm
ra max.	0,6 mm
Dx	40,5 mm
Cy	2,9 mm
Cz	1,2 mm
rn	0,5 mm
Weight	0,045 Kg



Double BALL BEARINGS CO, LTD

Basic dynamic load rating (C)	7,75 kN
Basic static load rating (C0)	3,6 kN
(Grease) Lubrication Speed	19 000 r/min
(Oil) Lubrication Speed	23 000 r/min
a min	1.9 mm
a max	2.06 mm
Ca min	2.92 mm
Ca max	3.18 mm
rs min	0.6 mm
rNs min	0.5 mm
D3 max	33.17 mm
b min	1.35 mm
b max	1.65 mm
r0 max	0.4 mm
D4 max	39.7 mm
Snap ring reference	R35
Radial clearance class	CN
Mass	0.04 kg
Dynamic load, C	7.75 kN
Static load, C0	3.6 kN
Fatigue limit load, Cu	0.16 kN
f0	12.7
Nlim (oil)	23,000 rpm
Nlim (grease)	19,000 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	3.68 Hz
Characteristic outer ring	2.61 Hz



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frequency, BPF0	
Characteristic inner ring frequency, BPF1	4.39 Hz
da min	19 mm
Da max	31 mm
ra max	0.6 mm
rNa max	0.5 mm
Db min	40.5 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.047
EAN	4547359557831
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	Yes
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	15MM Bore; 35MM Outside Diameter; 11MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68



Double BALL BEARINGS CO, LTD

Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	6202UNR
Weight / LBS	0.099
Bore	0.591 Inch 15 Millimeter
Outside Diameter	1.378 Inch 35 Millimeter
Outer Race Width	0.433 Inch 11 Millimeter
bore diameter:	15 mm
precision rating:	ISO Class 0
outside diameter:	35 mm
finish/coating:	Uncoated
overall width:	11 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Open
inner ring width:	11 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	11 mm
snap ring included:	With Snap Ring
maximum rpm (grease):	19000 rpm
internal clearance:	CN
maximum rpm (oil):	23000 rpm
operating temperature range:	-40 to 120 ° C
fillet radius:	0.6 mm
dynamic load capacity:	7750 N
manufacturer product page:	Click here
static load capacity:	3600 N