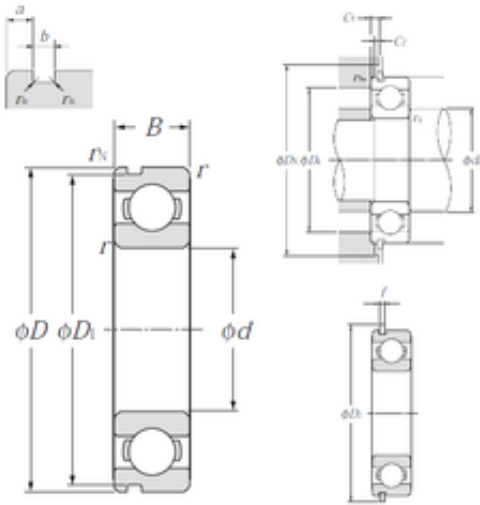




LEDONG Machinery Co., Ltd.



15 mm x 32 mm x 9 mm NTN 6002NR deep groove ball bearings

Bearing No. 6002NR

Size	15x32x9 mm
Bore Diameter	15 mm
Outer Diameter	32 mm
Width	9 mm
d	15 mm
D	32 mm
B	9 mm
C	9 mm
rn	0,3 mm
a	2,06 mm
b	1,35 mm
f	1,12 mm
r min.	0,3 mm
r0 max.	0,4 mm
D1	30,15 mm
D2	36,7 mm
da min.	17 mm
da max	19 mm
Da max.	30 mm
ra max.	0,3 mm
Dx	37,5 mm
Cy	2,9 mm
Cz	1,2 mm
rn	0,3 mm
Weight	0,03 Kg

6002NR Bearing 2D drawings and 3D CAD models



LEDONG Machinery Co., Ltd.

Basic dynamic load rating (C)	5,6 kN
Basic static load rating (C0)	2,83 kN
(Grease) Lubrication Speed	22 000 r/min
(Oil) Lubrication Speed	26 000 r/min
a min	1.9 mm
a max	2.06 mm
Ca min	3.02 mm
Ca max	3.18 mm
rs min	0.3 mm
rNs min	0.3 mm
D3 max	30.15 mm
b min	1.35 mm
b max	1.65 mm
r0 max	0.4 mm
D4 max	36.7 mm
Snap ring reference	R32
Radial clearance class	CN
Mass	0.03 kg
Dynamic load, C	5.6 kN
Static load, C0	2.83 kN
Fatigue limit load, Cu	0.13 kN
f0	13.9
Nlim (oil)	26,000 rpm
Nlim (grease)	22,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.73 Hz
Characteristic outer ring	3.59 Hz



LEDONG Machinery Co., Ltd.

frequency, BPF0	
Characteristic inner ring frequency, BPF1	5.41 Hz
da min	17 mm
Da max	30 mm
ra max	0.3 mm
rNa max	0.3 mm
Db min	37.5 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.032
EAN	4547359318562
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; 32MM Outside Diameter; 9MM 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



LEDONG Machinery Co., Ltd.

Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	6002NR
Weight / LBS	0.066
Outer Race Width	0.354 Inch 9 Millimeter
Bore	0.591 Inch 15 Millimeter
Outside Diameter	1.26 Inch 32 Millimeter
bore diameter:	15 mm
precision rating:	ISO Class 0
outside diameter:	32 mm
finish/coating:	Uncoated
overall width:	9 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Open
inner ring width:	9 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	9 mm
snap ring included:	With Snap Ring
maximum rpm (grease):	22000 rpm
internal clearance:	CN
maximum rpm (oil):	26000 rpm
operating temperature range:	-40 to 120 ° C
fillet radius:	0.3 mm
dynamic load capacity:	5600 N
manufacturer product page:	Click here
static load capacity:	2830 N