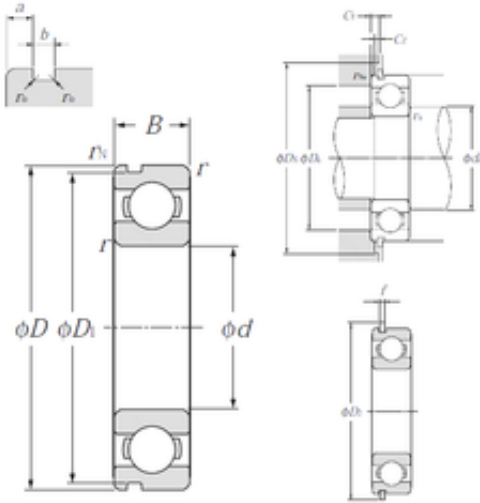




# NTN DRIVESHAFT ANDERSON, INC.



32 mm x 75 mm x 20 mm NTN 63/32NR deep groove ball bearings

Bearing No. 63/32NR

63/32NR Bearing 2D drawings and 3D CAD models

Size	32x75x20 mm
Bore Diameter	32 mm
Outer Diameter	75 mm
Width	20 mm
d	32 mm
D	75 mm
B	20 mm
C	20 mm
rn	0,5 mm
a	3,28 mm
b	1,9 mm
f	1,7 mm
r min.	1,1 mm
r0 max.	0,6 mm
D1	71,83 mm
D2	81,6 mm
da min.	38,5 mm
da max	43,5 mm
Da max.	68,5 mm
ra max.	1 mm
Dx	83 mm
Cy	4,6 mm
Cz	1,7 mm
rn	0,5 mm
Weight	0,382 Kg



## NTN DRIVESHAFT ANDERSON, INC.

Basic dynamic load rating (C)	29,8 kN
Basic static load rating (C0)	16,9 kN
(Grease) Lubrication Speed	9 500 r/min
(Oil) Lubrication Speed	11 000 r/min
a min	3.07 mm
a max	3.28 mm
Ca min	4.77 mm
Ca max	4.98 mm
rs min	1.1 mm
rNs min	0.5 mm
D3 max	71.83 mm
b min	1.9 mm
b max	2.2 mm
r0 max	0.6 mm
D4 max	81.6 mm
Snap ring reference	R75
Radial clearance class	CN
Mass	0.38 kg
Dynamic load, C	29.8 kN
Static load, C0	16.9 kN
Fatigue limit load, Cu	0.77 kN
f0	13.1
Nlim (oil)	11,000 rpm
Nlim (grease)	9,500 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	4.02 Hz
Characteristic outer ring	3.06 Hz



## NTN DRIVESHAFT ANDERSON, INC.

frequency, BPF0	
Characteristic inner ring frequency, BPF1	4.94 Hz
da min	38.5 mm
Da max	68.5 mm
ra max	1 mm
rNa max	0.5 mm
Db min	83 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.4
EAN	4547359379457
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	32MM Bore; 75MM Outside Diameter; 20MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Other Features	Deep Groove   With Snap Ring



## NTN DRIVESHAFT ANDERSON, INC.

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	63/32NR
Weight / LBS	0.84216
Outside Diameter	2.953 Inch   75 Millimeter
Bore	1.26 Inch   32 Millimeter
Outer Race Width	0.787 Inch   20 Millimeter
Inner Race Width	0 Inch   0 Millimeter
bore diameter:	32 mm
precision rating:	ISO Class 0
outside diameter:	75 mm
finish/coating:	Uncoated
overall width:	20 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Open
inner ring width:	20 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	20 mm
snap ring included:	With Snap Ring
maximum rpm (grease):	9500 rpm
internal clearance:	CN
maximum rpm (oil):	11000 rpm
operating temperature range:	-40 to 120 ° C
fillet radius:	1.1 mm
dynamic load capacity:	29800 N



## NTN DRIVESHAFT ANDERSON, INC.

manufacturer product page:	<a href="#">Click here</a>
static load capacity:	16900 N