



Bearing No. 63/32NR

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 frequency, BPF0	3.06 Hz
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
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
Basic dynamic load rating (C)	29,8 kN
Basic static load rating	16,9 kN

(C0)	
(Grease) Lubrication Speed	9 500 r/min
(Oil) Lubrication Speed	11 000 r/min
Category	Single Row Ball Bearings
BDI Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.4
EAN	4547359379457
Product Group - BDI	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
Category - BDI	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	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
manufacturer product page:	Click here
static load capacity:	16900 N