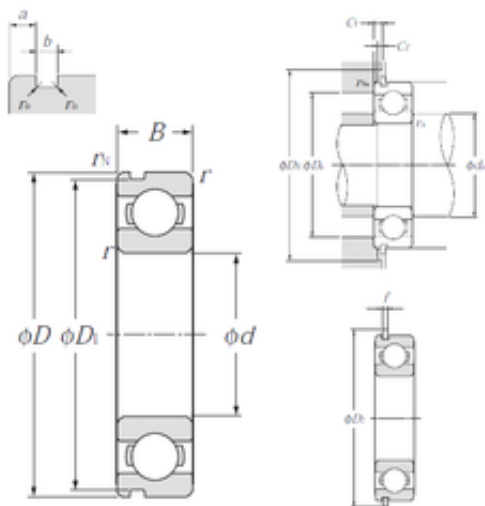




Bearing No. 63/28NR

f	1,7 mm
d	28 mm
D	68 mm
B	18 mm
C	18 mm
a	3,28 mm
b	1,9 mm
D1	64,82 mm
D2	74,6 mm
Cy	4,6 mm
f0	12.4
Cz	1,7 mm
rn	0,5 mm
Dx	76 mm
Bore	1.102 Inch 28 Millimeter
Noun	Bearing
Mass	0.28 kg
b max	2.2 mm
b min	1.9 mm
a min	3.07 mm
a max	3.28 mm
UNSPSC	31171504
D4 max	74.6 mm
Db min	76 mm
da min	34.5 mm
D3 max	64.82 mm
Da max	61.5 mm
rs min	1.1 mm
Ca max	4.98 mm

Ca min	4.77 mm
r0 max	0.6 mm
ra max	1 mm
da max	38,5 mm
r min.	1,1 mm
Weight	0,284 Kg
series:	63
r0 max.	0,6 mm
da min.	34,5 mm
rNa max	0.5 mm
Da max.	61,5 mm
ra max.	1 mm
rNs min	0.5 mm
Category	Single Row Ball Bearing
Inventory	0.0
Size (mm)	28x68x18
Enclosure	Open
Snap Ring	Yes
Nlim (oil)	13,000 rpm
bore type:	Round
Width (mm)	18
Weight / LBS	0.633
maximum rpm:	7400 RPM
Inch - Metric	Metric
Product Group	B00308
Cage Material	Steel
closure type:	Open
Nlim (grease)	11,000 rpm
Keyword String	Ball
Bearing number	63/28NR
bore diameter:	28 mm
fillet radius:	1.1 mm

cage material:	Steel
overall width:	18 mm
finish/coating:	Uncoated
Dynamic load, C	26.7 kN
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Static load, C0	14 kN
Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	2.677 Inch 68 Millimeter
Outer Race Width	0.709 Inch 18 Millimeter
Long Description	28MM Bore; 68MM Outside Diameter; 18MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features
bearing material:	High Carbon Chrome Steel
inner ring width:	18 mm
outer ring width:	18 mm
outside diameter:	68 mm
precision rating:	ISO Class 0
Weight / Kilogram	0.291
Manufacturer Name	NTN
Internal Clearance	C0-Medium
Bore Diameter (mm)	28
maximum rpm (oil):	13000 rpm
internal clearance:	CN
Snap ring reference	R68
snap ring included:	With Snap Ring
Outer Diameter (mm)	68

Minimum Buy Quantity	N/A
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	11000 rpm
static load capacity:	14000 N
dynamic load capacity:	26700 N
Fatigue limit load, Cu	0.64 kN
Radial clearance class	CN
Harmonized Tariff Code	8482.10.50.68
(Oil) Lubrication Speed	13 000 r/min
Manufacturer Item Number	63/28NR
Internal Special Features	No
(Grease) Lubrication Speed	11 000 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	14 kN
Basic dynamic load rating (C)	26,7 kN
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.37 Hz
Characteristic outer ring frequency, BPF0	2.57 Hz
Characteristic inner ring frequency, BPFI	4.43 Hz
Characteristic rolling	3.52 Hz

element frequency, BSF	
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