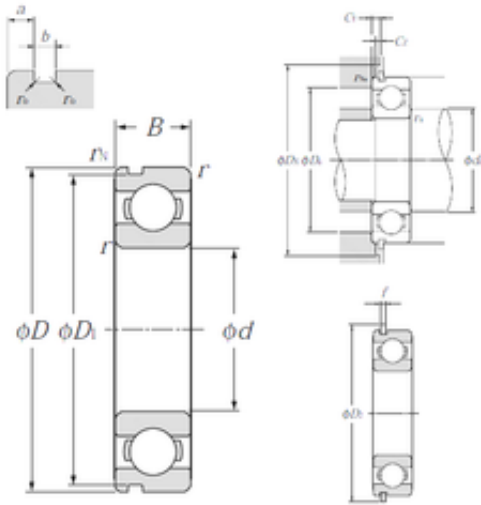




NEI Manufacturing Bearing LTD.



28 mm x 58 mm x 16 mm NTN 62/28NR deep groove ball bearings

Bearing No. 62/28NR

62/28NR Bearing 2D drawings and 3D CAD models

Size	28x58x16 mm
Bore Diameter	28 mm
Outer Diameter	58 mm
Width	16 mm
d	28 mm
D	58 mm
B	16 mm
C	16 mm
rn	0,5 mm
a	2,46 mm
b	1,35 mm
f	1,12 mm
r min.	1 mm
r0 max.	0,4 mm
D1	55,6 mm
D2	63,7 mm
da min.	33 mm
da max	35,5 mm
Da max.	53 mm
ra max.	1 mm
Dx	64,5 mm
Cy	3,3 mm
Cz	1,2 mm
rn	0,5 mm
Weight	0,171 Kg



NEI Manufacturing Bearing LTD.

Basic dynamic load rating (C)	17,9 kN
Basic static load rating (C0)	9,75 kN
(Grease) Lubrication Speed	12 000 r/min
(Oil) Lubrication Speed	14 000 r/min
a min	2.31 mm
a max	2.46 mm
Ca min	3.43 mm
Ca max	3.58 mm
rs min	1 mm
rNs min	0.5 mm
D3 max	55.6 mm
b min	1.35 mm
b max	1.65 mm
r0 max	0.4 mm
D4 max	63.7 mm
Snap ring reference	R58
Radial clearance class	CN
Mass	0.17 kg
Dynamic load, C	17.9 kN
Static load, C0	9.75 kN
Fatigue limit load, Cu	0.44 kN
f0	13.4
Nlim (oil)	14,000 rpm
Nlim (grease)	12,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	4.29 Hz
Characteristic outer ring	3.11 Hz



NEI Manufacturing Bearing LTD.

frequency, BPF0	
Characteristic inner ring frequency, BPF1	4.89 Hz
da min	33 mm
Da max	53 mm
ra max	1 mm
rNa max	0.5 mm
Db min	64.5 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.17
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	28MM Bore; 58MM Outside Diameter; 16MM 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
Noun	Bearing



NEI Manufacturing Bearing LTD.

Keyword String	Ball
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	62/28NR
Weight / LBS	0.377
Bore	1.102 Inch 28 Millimeter
Outside Diameter	2.283 Inch 58 Millimeter
Outer Race Width	0.63 Inch 16 Millimeter
bore diameter:	28 mm
finish/coating:	Uncoated
outside diameter:	58 mm
bearing material:	High Carbon Chrome Steel
overall width:	16 mm
cage material:	Steel
bore type:	Round
inner ring width:	16 mm
closure type:	Open
outer ring width:	16 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	12000 rpm
snap ring included:	With Snap Ring
maximum rpm (oil):	14000 rpm
internal clearance:	CN
fillet radius:	1 mm
operating temperature range:	-40 to 120 ° C
maximum rpm:	14000 RPM
dynamic load capacity:	17900 N
series:	62
static load capacity:	9750 N
manufacturer product page:	Click here
precision rating:	ISO Class 0