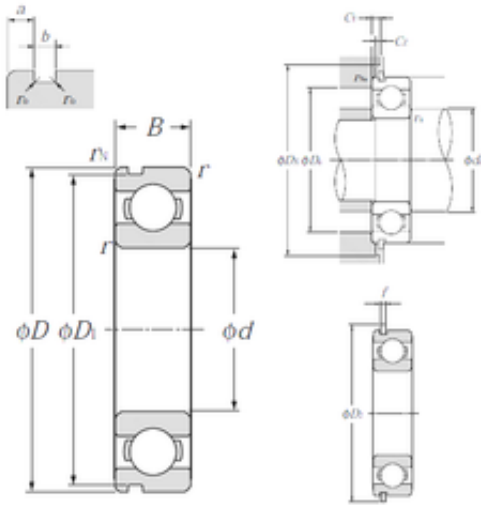




Timken BEARINGS INDUSTRY



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



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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



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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
EAN	4547359344295
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



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Noun	Bearing
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



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