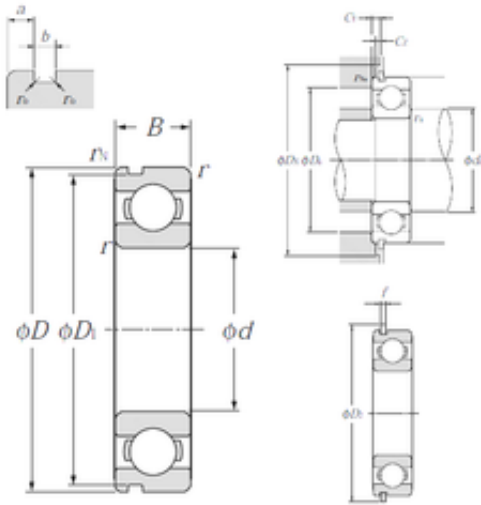




NEI Manufacturing Bearing LTD.



15 mm x 42 mm x 13 mm NTN 6302NR deep groove ball bearings

Bearing No. 6302NR

6302NR Bearing 2D drawings and 3D CAD models

Size	15x42x13 mm
Bore Diameter	15 mm
Outer Diameter	42 mm
Width	13 mm
d	15 mm
D	42 mm
B	13 mm
C	13 mm
rn	0,5 mm
a	2,06 mm
b	1,35 mm
f	1,12 mm
r min.	1 mm
r0 max.	0,4 mm
D1	39,75 mm
D2	46,3 mm
da min.	20 mm
da max	23 mm
Da max.	37 mm
ra max.	1 mm
Dx	47 mm
Cy	2,9 mm
Cz	1,2 mm
rn	0,5 mm
Weight	0,082 Kg



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Basic dynamic load rating (C)	11,4 kN
Basic static load rating (C0)	5,45 kN
(Grease) Lubrication Speed	17 000 r/min
(Oil) Lubrication Speed	21 000 r/min
a min	1.9 mm
a max	2.06 mm
Ca min	3.02 mm
Ca max	3.18 mm
rs min	1 mm
rNs min	0.5 mm
D3 max	39.75 mm
b min	1.35 mm
b max	1.65 mm
r0 max	0.4 mm
D4 max	46.3 mm
Snap ring reference	R42
Radial clearance class	CN
Mass	0.08 kg
Dynamic load, C	11.4 kN
Static load, C0	5.45 kN
Fatigue limit load, Cu	0.25 kN
f0	12.3
Nlim (oil)	21,000 rpm
Nlim (grease)	17,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.36 Hz
Characteristic rolling element frequency, BSF	3.45 Hz
Characteristic outer ring	2.56 Hz



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frequency, BPF0	
Characteristic inner ring frequency, BPF1	4.44 Hz
da min	20 mm
Da max	37 mm
ra max	1 mm
rNa max	0.5 mm
Db min	47 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.08
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	C3-Loose
Inch - Metric	Metric
Long Description	15MM Bore; 42MM Outside Diameter; 13MM 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	6302NR
Weight / LBS	0.181
Outside Diameter	1.654 Inch 42 Millimeter
Outer Race Width	0.512 Inch 13 Millimeter
Bore	0.591 Inch 15 Millimeter
bore diameter:	15 mm
precision rating:	ISO Class 0
outside diameter:	42 mm
finish/coating:	Uncoated
overall width:	13 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Open
inner ring width:	13 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	13 mm
snap ring included:	With Snap Ring
maximum rpm (grease):	17000 rpm
internal clearance:	CN
maximum rpm (oil):	21000 rpm
operating temperature range:	-40 to 120 ° C
fillet radius:	1 mm
dynamic load capacity:	11400 N
manufacturer product page:	Click here
static load capacity:	5450 N