



KRS Guide Wheel Bearing Co., Ltd



90 mm x 160 mm x 40 mm NTN NU2218 cylindrical roller bearings

Bearing No. NU2218

NU2218 Bearing 2D drawings and 3D CAD models

Size	90x160x40 mm
Bore Diameter	90 mm
Outer Diameter	160 mm
Width	40 mm
d	90 mm
Fw	107 mm
D	160 mm
B	40 mm
C	40 mm
r min.	2 mm
r1 min.	2 mm
Weight	3,1 Kg
Basic dynamic load rating (C)	197 kN
Basic static load rating (C0)	248 kN
(Grease) Lubrication Speed	3 900 r/min
E	143 mm
F	107 mm
rs min	2 mm
r1s min	2 mm
Radial clearance class	CN
Mass (without HJ ring)	3.09 kg
Dynamic load, C	197 kN
Static load, C0	248 kN
Fatigue limit load, Cu	28.3 kN
Nlim (oil)	4,600 rpm



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Nlim (grease)	3,900 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
da min	99 mm
da max	105 mm
db min	109 mm
Da max	151 mm
ra max	2 mm
r1a max	2 mm
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	3.095
Product Group	B04144
Bore Profile	Straight
Cage Material	Steel
Precision Class	RBEC 1 ISO P0
Number of Rows of Rollers	Single Row
Separable	Inner Ring - Both Sides
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring
Snap Ring	No
Internal Clearance	C0-Medium
Retainer	Yes
Relubricatable	Yes
Inch - Metric	Metric
Other Features	Plain Inner Ring 2 Rib Outer Ring Cage On Outer Ring ID
Long Description	90MM Bore; Straight Bore



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	Profile; 160MM Outside Diameter; 40MM Width; Steel Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Inte
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	http://www.ntnamerica.com
Weight / LBS	7.56
Outside Diameter	6.299 Inch 160 Millimeter
Bore	3.543 Inch 90 Millimeter
Width	1.575 Inch 40 Millimeter
bore diameter:	90 mm
static load capacity:	315000 N
outside diameter:	160 mm
precision rating:	ISO Class 0
overall width:	40 mm
maximum rpm:	4600 rpm
flanges:	(2) Outer Ring
bearing material:	Hardened Alloy Steel
bore type:	Straight
cage material:	Pressed Steel
number of rows:	1
finish/coating:	Uncoated
internal clearance:	CN
closure type:	Open
ring separation:	Separable Inner Ring
fillet radius:	2 mm
operating temperature	-40 to 120 ° C



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range:	
manufacturer product page:	Click here
dynamic load capacity:	242000 N