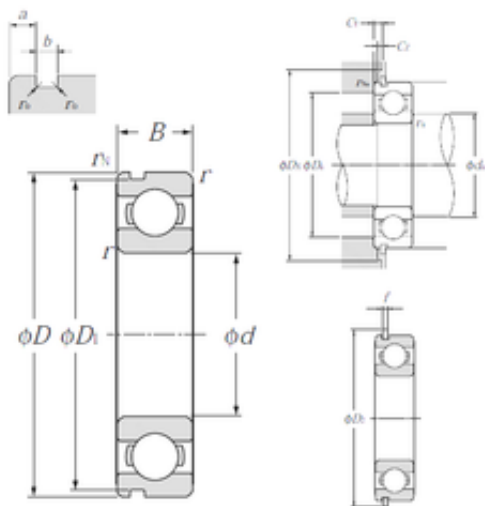




Bearing No. 6218NR

b	3,1 mm
d	90 mm
D	160 mm
B	30 mm
C	30 mm
f	2,82 mm
a	4,9 mm
D1	155,22 mm
D2	169,7 mm
Cy	7,3 mm
f0	14.5
rn	0,5 mm
Dx	172 mm
Cz	2,9 mm
Bore	3.543 Inch 90 Millimeter
Noun	Bearing
Mass	2.15 kg
b max	3.4 mm
b min	3.1 mm
a min	4.65 mm
a max	4.9 mm
UNSPSC	31171504
D4 max	169.7 mm
Db min	172 mm
da min	99 mm
D3 max	155.22 mm
Da max	151 mm
rs min	2 mm
Ca max	7.72 mm

Ca min	7.47 mm
r0 max	0.6 mm
ra max	2 mm
da max	109 mm
r min.	2 mm
Weight	2,15 Kg
series:	62
r0 max.	0,6 mm
da min.	99 mm
rNa max	0.5 mm
Da max.	151 mm
rNs min	0.5 mm
ra max.	2 mm
Category	Single Row Ball Bearing
Size (mm)	90x160x30
Inventory	0.0
Enclosure	Open
Snap Ring	Yes
Nlim (oil)	4,700 rpm
bore type:	Round
Width (mm)	30
Weight / LBS	4.74
maximum rpm:	4700 RPM
Inch - Metric	Metric
Product Group	B00308
Cage Material	Steel
closure type:	Open
Nlim (grease)	4,000 rpm
Keyword String	Ball
Bearing number	6218NR
fillet radius:	2 mm
cage material:	Steel

overall width:	30 mm
bore diameter:	90 mm
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Dynamic load, C	96 kN
Static load, C0	71.5 kN
Outside Diameter	6.299 Inch 160 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Outer Race Width	1.181 Inch 30 Millimeter
Long Description	90MM Bore; 160MM Outside Diameter; 30MM 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:	30 mm
outer ring width:	30 mm
outside diameter:	160 mm
precision rating:	ISO Class 0
Weight / Kilogram	2.15
Manufacturer Name	NTN
Internal Clearance	C0-Medium
Bore Diameter (mm)	90
maximum rpm (oil):	4700 rpm
internal clearance:	CN
Snap ring reference	R160
snap ring included:	With Snap Ring
Outer Diameter (mm)	160

Minimum Buy Quantity	N/A
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	4000 rpm
static load capacity:	71500 N
dynamic load capacity:	96000 N
Fatigue limit load, Cu	2.9 kN
Radial clearance class	CN
Harmonized Tariff Code	8482.10.50.68
(Oil) Lubrication Speed	4 700 r/min
Manufacturer Item Number	6218NR
Internal Special Features	No
(Grease) Lubrication Speed	4 000 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	71,5 kN
Basic dynamic load rating (C)	96 kN
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.41 Hz
Characteristic outer ring frequency, BPF0	4.11 Hz
Characteristic inner ring frequency, BPF1	5.89 Hz
Characteristic rolling	5.45 Hz

element frequency, BSF	
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