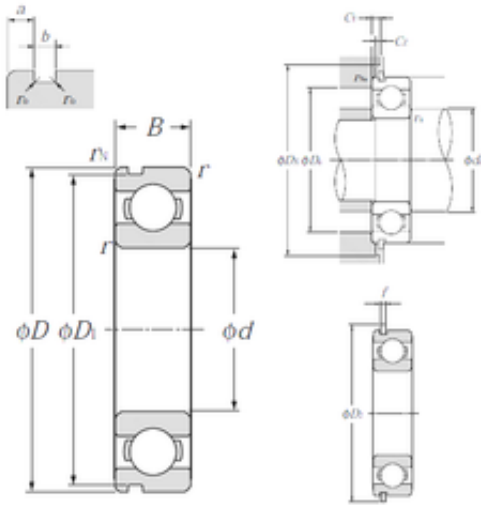




# Shandong Zhaoyue Bearing Co., Ltd.



90 mm x 160 mm x 30 mm NTN 6218NR deep groove ball bearings

Bearing No. 6218NR

6218NR Bearing 2D drawings and 3D CAD models

Size	90x160x30 mm
Bore Diameter	90 mm
Outer Diameter	160 mm
Width	30 mm
d	90 mm
D	160 mm
B	30 mm
C	30 mm
rn	0,5 mm
a	4,9 mm
b	3,1 mm
f	2,82 mm
r min.	2 mm
r0 max.	0,6 mm
D1	155,22 mm
D2	169,7 mm
da min.	99 mm
da max	109 mm
Da max.	151 mm
ra max.	2 mm
Dx	172 mm
Cy	7,3 mm
Cz	2,9 mm
rn	0,5 mm
Weight	2,15 Kg



## Shandong Zhaoyue Bearing Co., Ltd.

Basic dynamic load rating (C)	96 kN
Basic static load rating (C0)	71,5 kN
(Grease) Lubrication Speed	4 000 r/min
(Oil) Lubrication Speed	4 700 r/min
a min	4.65 mm
a max	4.9 mm
Ca min	7.47 mm
Ca max	7.72 mm
rs min	2 mm
rNs min	0.5 mm
D3 max	155.22 mm
b min	3.1 mm
b max	3.4 mm
r0 max	0.6 mm
D4 max	169.7 mm
Snap ring reference	R160
Radial clearance class	CN
Mass	2.15 kg
Dynamic load, C	96 kN
Static load, C0	71.5 kN
Fatigue limit load, Cu	2.9 kN
f0	14.5
Nlim (oil)	4,700 rpm
Nlim (grease)	4,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.45 Hz
Characteristic outer ring	4.11 Hz



## Shandong Zhaoyue Bearing Co., Ltd.

frequency, BPF0	
Characteristic inner ring frequency, BPF1	5.89 Hz
da min	99 mm
Da max	151 mm
ra max	2 mm
rNa max	0.5 mm
Db min	172 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	2.15
EAN	4547359372618
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	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
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68



## Shandong Zhaoyue Bearing Co., Ltd.

Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Manufacturer Item Number	6218NR
Weight / LBS	4.74
Outer Race Width	1.181 Inch   30 Millimeter
Bore	3.543 Inch   90 Millimeter
Outside Diameter	6.299 Inch   160 Millimeter
bore diameter:	90 mm
finish/coating:	Uncoated
outside diameter:	160 mm
bearing material:	High Carbon Chrome Steel
overall width:	30 mm
cage material:	Steel
bore type:	Round
inner ring width:	30 mm
closure type:	Open
outer ring width:	30 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	4000 rpm
snap ring included:	With Snap Ring
maximum rpm (oil):	4700 rpm
internal clearance:	CN
fillet radius:	2 mm
operating temperature range:	-40 to 120 ° C
maximum rpm:	4700 RPM
dynamic load capacity:	96000 N
series:	62
static load capacity:	71500 N
manufacturer product page:	<a href="#">Click here</a>
precision rating:	ISO Class 0



**Shandong Zhaoyue Bearing Co., Ltd.**