



# Ruville BEARING COMPANY



90 mm x 160 mm x 30 mm NTN N218  
cylindrical roller bearings

Bearing No. N218

N218 Bearing 2D drawings and 3D CAD models

Size	90x143x30 mm
Bore Diameter	90 mm
Outer Diameter	143 mm
Width	30 mm
d	90 mm
D	160 mm
Ew	143 mm
B	30 mm
C	30 mm
r min.	2 mm
r1 min.	2 mm
J	114,2 mm
Weight	2,25 Kg
Basic dynamic load rating (C)	152 kN
Basic static load rating (C0)	178 kN
(Grease) Lubrication Speed	4 300 r/min
E	143 mm
F	107 mm
d1	114.2 mm
rs min	2 mm
r1s min	2 mm
Radial clearance class	CN
Mass (without HJ ring)	2.29 kg
Dynamic load, C	152 kN
Static load, C0	178 kN



## Ruville BEARING COMPANY

Fatigue limit load, Cu	20.3 kN
Nlim (oil)	5,000 rpm
Nlim (grease)	4,300 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.8 Hz
Characteristic outer ring frequency, BPF0	6.85 Hz
Characteristic inner ring frequency, BRFI	9.15 Hz
da min	99 mm
Da max	151 mm
Db min	145 mm
Dc max	141 mm
ra max	2 mm
r1a max	2 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	2.288
EAN	4547359150582
Product Group	B04144