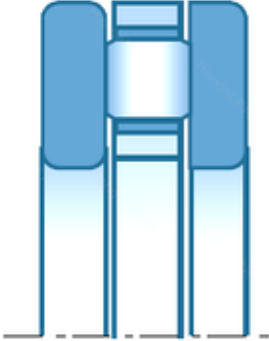




# NTN PRECISION AXLE CORP.

## NTN 81220 thrust ball bearings



Bearing No. 81220

81220 Bearing 2D drawings and 3D CAD models

Size	100x150x38 mm
Bore Diameter	100,000 mm
Outer Diameter	150,000 mm
Width	38,000 mm
d	100,000 mm
D	150,000 mm
T	38,000 mm
d1	150 mm
D1	103 mm
Dc1	100 mm
Dc	150 mm
Dw	15 mm
Lw	15 mm
rs min	1.1 mm
Cage assembly reference	K81220
Bearing ring (inner ring) WS	WS81220
Bearing ring (outer ring) GS	GS81220
Ea	140 mm
Eb	109.2 mm
Mass	2.24 kg
Cage assembly mass	0.62 kg
Bearing ring (inner ring) WS mass	0.81 kg
Bearing ring (outer ring) GS mass	0.81 kg
Ca	243 kN



## NTN PRECISION AXLE CORP.

C0a	795 kN
Nlim (grease)	480 rpm
Nlim (oil)	1,900 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.5 Hz
Characteristic rolling element frequency, BSF	8.31 Hz
Characteristic outer ring frequency, BPF0	9 Hz
Characteristic inner ring frequency, BRFI	9 Hz
da min	139 mm
Db max	109 mm
ras max	1 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	2.288
Product Group	B04144