

# K81220 NTN Max operating temperature, Tmax 120 °C Thrust roller bearings

Dc1	100 mm
Dc	150 mm
Lw	15 mm
Bearing ring (inner ring) WS	WS81220
Bearing ring (outer ring) GS	GS81220
Ea	140 mm
Eb	109.2 mm
Cage assembly mass	0.62 kg
Ca	243 kN
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
Bearing number	K81220
Brand	NTN
Bore Diameter (mm)	100.000
Outer Diameter (mm)	150.000
d	100.000 mm
D	150.000 mm

Dw	15.000 mm
Category	Bearings
BDI Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.534
Product Group – BDI	B04144