



Bearing No. K81220

d	100,000 mm
D	150,000 mm
Ca	243 kN
Dw	15,000 mm
Dc	150 mm
Lw	15 mm
Ea	140 mm
Eb	109.2 mm
C0a	795 kN
Dc1	100 mm
Category	Bearings
Inventory	0.0
Nlim (oil)	1,900 rpm
Nlim (grease)	480 rpm
Product Group	B04144
Bearing number	K81220
Manufacturer Name	NTN
Weight / Kilogram	0.534
Bore Diameter (mm)	100,000
Cage assembly mass	0.62 kg
Outer Diameter (mm)	150,000
Minimum Buy Quantity	N/A
Bearing ring (outer ring) GS	GS81220
Bearing ring (inner ring) WS	WS81220
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.5 Hz

Characteristic outer ring frequency, BPF0	9 Hz
Characteristic inner ring frequency, BPI	9 Hz
Characteristic rolling element frequency, BSF	8.31 Hz