



Bearing No. K81218J

d	90,000 mm
D	120,000 mm
Ca	213 kN
Dw	9,000 mm
Dc	135 mm
Lw	14 mm
Ea	126.7 mm
Eb	97.9 mm
C0a	680 kN
Dc1	90 mm
Category	Bearings
Inventory	0.0
Nlim (oil)	2,100 rpm
Nlim (grease)	530 rpm
Product Group	B04144
Bearing number	K81218J
Manufacturer Name	NTN
Weight / Kilogram	0.216
Bore Diameter (mm)	90,000
Cage assembly mass	0.54 kg
Outer Diameter (mm)	120,000
Minimum Buy Quantity	N/A
Bearing ring (outer ring) GS	GS81218
Bearing ring (inner ring) WS	WS81218
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.5 Hz

Characteristic outer ring frequency, BPF0	8.5 Hz
Characteristic inner ring frequency, BPI	8.5 Hz
Characteristic rolling element frequency, BSF	8.02 Hz