



Bearing No. 81218J

D	135,000 mm
d	90,000 mm
T	35,000 mm
Ca	213 kN
Dc	135 mm
Eb	97.9 mm
Ea	126.7 mm
Lw	14 mm
Dw	14 mm
D1	93 mm
d1	135 mm
Dc1	90 mm
C0a	680 kN
Mass	1.82 kg
rs min	1.1 mm
Db max	97 mm
da min	126 mm
ras max	1 mm
Category	Bearings
Inventory	0.0
Size (mm)	90x135x35
Width (mm)	35,000
Nlim (oil)	2,100 rpm
Nlim (grease)	530 rpm
Product Group	B04144
Bearing number	81218J
Weight / Kilogram	1.675
Manufacturer Name	NTN
Cage assembly mass	0.54 kg
Bore Diameter (mm)	90,000

Outer Diameter (mm)	135,000
Minimum Buy Quantity	N/A
Cage assembly reference	K81218J
Bearing ring (inner ring) WS	WS81218
Bearing ring (outer ring) GS	GS81218
Min operating temperature, T _{min}	-20 °C
Max operating temperature, T _{max}	120 °C
Bearing ring (inner ring) WS mass	0.64 kg
Bearing ring (outer ring) GS mass	0.64 kg
Characteristic cage frequency, FTF	0.5 Hz
Characteristic inner ring frequency, BPF _I	8.5 Hz
Characteristic outer ring frequency, BPF ₀	8.5 Hz
Characteristic rolling element frequency, BSF	8.02 Hz