



## NTN Bearing Rolamentos do Brasil Ltda.



### NTN K81218J Thrust cylindrical roller bearing cages

Bearing No. K81218J

Bore Diameter	90,000 mm
Outer Diameter	120,000 mm
d	90,000 mm
D	120,000 mm
Dw	9,000 mm
Dc1	90 mm
Dc	135 mm
Lw	14 mm
Bearing ring (inner ring) WS	WS81218
Bearing ring (outer ring) GS	GS81218
Ea	126.7 mm
Eb	97.9 mm
Cage assembly mass	0.54 kg
Ca	213 kN
C0a	680 kN
Nlim (grease)	530 rpm
Nlim (oil)	2,100 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	8.02 Hz
Characteristic outer ring	8.5 Hz

K81218J Bearing 2D drawings and 3D CAD models



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frequency, BPF0	
Characteristic inner ring frequency, BRFI	8.5 Hz
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.216
Product Group	B04144