



Bearing equipment manufacturing Co., Ltd



NTN K81222 thrust roller bearings

Bearing No. K81222

Bore Diameter	110,000 mm
Outer Diameter	160,000 mm
d	110,000 mm
D	160,000 mm
Dw	15,000 mm
Dc1	110 mm
Dc	160 mm
Lw	15 mm
Bearing ring (inner ring) WS	WS81222
Bearing ring (outer ring) GS	GS81222
Ea	150 mm
Eb	119.2 mm
Cage assembly mass	0.68 kg
Ca	259 kN
C0a	885 kN
Nlim (grease)	450 rpm
Nlim (oil)	1,800 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	8.97 Hz
Characteristic outer ring frequency, BPF0	10 Hz

K81222 Bearing 2D drawings and 3D CAD models



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Characteristic inner ring frequency, BPF1	10 Hz
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.84
Product Group	B04144