



NTN K81224 Thrust cylindrical roller bearing cages

Bearing No. K81224

K81224 Bearing 2D drawings and 3D CAD models

Bore Diameter	120,000 mm
Outer Diameter	170,000 mm
d	120,000 mm
D	170,000 mm
Dw	15,000 mm
Dc1	120 mm
Dc	170 mm
Lw	15 mm
Bearing ring (inner ring) WS	WS81224
Bearing ring (outer ring) GS	GS81224
Ea	160 mm
Eb	129.2 mm
Cage assembly mass	0.73 kg
Ca	264 kN
C0a	930 kN
Nlim (grease)	430 rpm
Nlim (oil)	1,700 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	9.64 Hz
Characteristic outer ring	10.5 Hz



## NTN Bearing Rolamentos do Brasil Ltda.

frequency, BPF0	
Characteristic inner ring frequency, BRFI	10.5 Hz
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.628
Product Group	B04144