



**NTN 81128 Thrust cylindrical roller bearings-  
Complete thrust bearing**

Bearing No. 81128

81128 Bearing 2D drawings and 3D CAD models

Size	140x180x31 mm
Bore Diameter	140,000 mm
Outer Diameter	180,000 mm
Width	31,000 mm
d	140,000 mm
D	180,000 mm
T	31,000 mm
d1	178 mm
D1	142 mm
Dc1	140 mm
Dc	180 mm
Dw	12 mm
Lw	12 mm
rs min	1 mm
Cage assembly reference	K81128
Bearing ring (inner ring) WS	WS81128
Bearing ring (outer ring) GS	GS81128
Ea	172.5 mm
Eb	147.8 mm
Mass	1.95 kg
Cage assembly mass	0.45 kg
Bearing ring (inner ring) WS mass	0.75 kg
Bearing ring (outer ring) GS mass	0.75 kg



## NTN Bearing Rolamentos do Brasil Ltda.

Ca	206 kN
C0a	815 kN
Nlim (grease)	380 rpm
Nlim (oil)	1,500 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	13.35 Hz
Characteristic outer ring frequency, BPF0	14 Hz
Characteristic inner ring frequency, BRFI	14 Hz
da min	172 mm
Db max	147 mm
ras max	1 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.817
Product Group	B04144