



NTN 81216 Thrust cylindrical roller bearings-
Complete thrust bearing

Bearing No. 81216

81216 Bearing 2D drawings and 3D CAD models

Size	80x115x28 mm
Bore Diameter	80,000 mm
Outer Diameter	115,000 mm
Width	28,000 mm
d	80,000 mm
D	115,000 mm
T	28,000 mm
d1	115 mm
D1	85 mm
Dc1	80 mm
Dc	115 mm
Dw	11 mm
Lw	11 mm
rs min	1 mm
Cage assembly reference	K81216
Bearing ring (inner ring) WS	WS81216
Bearing ring (outer ring) GS	GS81216
Ea	108.4 mm
Eb	84.8 mm
Mass	0.95 kg
Cage assembly mass	0.25 kg
Bearing ring (inner ring) WS mass	0.35 kg
Bearing ring (outer ring) GS mass	0.35 kg



NTN Bearing Rolamentos do Brasil Ltda.

Precision class	P0
Ca	143 kN
C0a	460 kN
Nlim (grease)	630 rpm
Nlim (oil)	2,500 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	8.78 Hz
Characteristic outer ring frequency, BPF0	9.5 Hz
Characteristic inner ring frequency, BRFI	9.5 Hz
da min	106 mm
Db max	86 mm
ras max	1 mm