



## NTN Bearing Rolamentos do Brasil Ltda.

### NTN 81216T2P5 Thrust cylindrical roller bearings-Complete thrust bearing

Bearing No. 81216T2P5

d	80 mm
D	115 mm
d1	115 mm
D1	82 mm
T	28 mm
Dc1	80 mm
Dc	115 mm
Dw	11 mm
Lw	11 mm
rs min	1 mm
Cage assembly reference	K81216T2
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
Ca	143 kN
C0a	460 kN
Nlim (grease)	630 rpm
Nlim (oil)	2,500 rpm

81216T2P5 Bearing 2D drawings and 3D CAD models



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Min operating temperature, T <sub>min</sub>	-20 ° C
Max operating temperature, T <sub>max</sub>	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