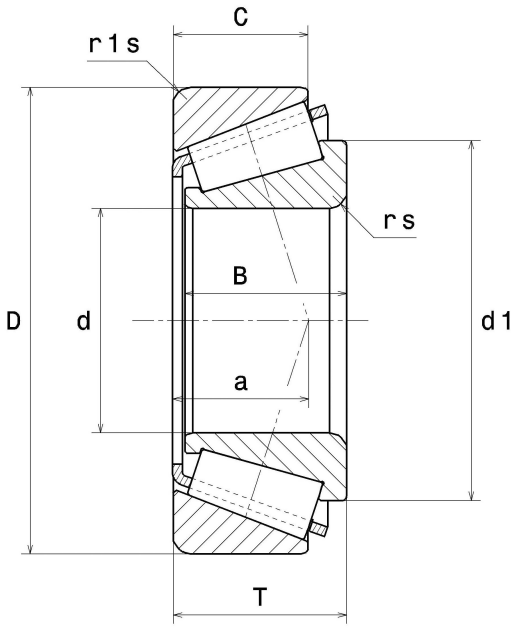
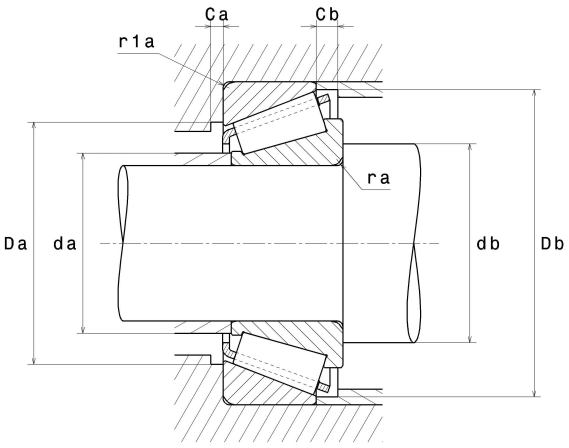
PDF technical sheet
30321U

Single row tapered roller bearings
Tapered roller bearing, pressed steel cage

Product definition	
d	4.1339 "
D	8.8583 "
B	1.9291 "
C	1.6142 "
T	2.1063 "
a	1.7126 "
rs min	0.1181 "
r1s min	0.0984 "
e	0.35
Y2	1.74
Y0	0.96
Mass	34.53 oz
ISO 355 reference	T2GB105
Brand	NTN



Product performance	
Dynamic load, C	435 kN
Rating life coefficient, A2	1
Static load, C0	530 kN
Nlim (oil)	2,300 RPM
Nlim (grease)	1,700 RPM
Min operating temperature, Tmin	−40 °C
Max operating temperature, Tmax	248 °C



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Code APE 2815 Z – Code NACE 28.15

Abutment dimensions	
da max	4.8425 "
db min	5.1969 "
Da max	8.3071 "
Db min	8.2283 "
ra max	0.1181 "
r1a max	0.0984 "

Calculation factors

Equivalent dynamic radial load

P = X.Fr + Y.Fa

Fa / Fr ≤ e		Fa / Fr > e	
X	Y	X	Y
1	0	0.4	Y2

Equivalent static radial load

Po= Xo.Fr + Yo.Fa

X_0	Y_0
0.5	Y0

If Po <Fr, then use Po = Fr

The values for e, Y2 and Y0 are shown in the above table