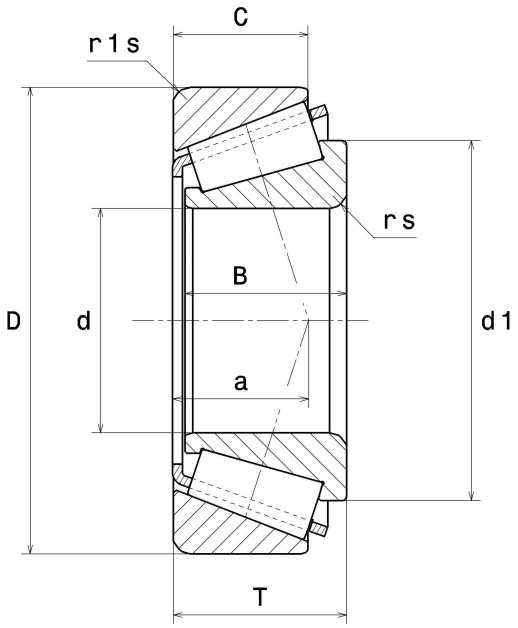
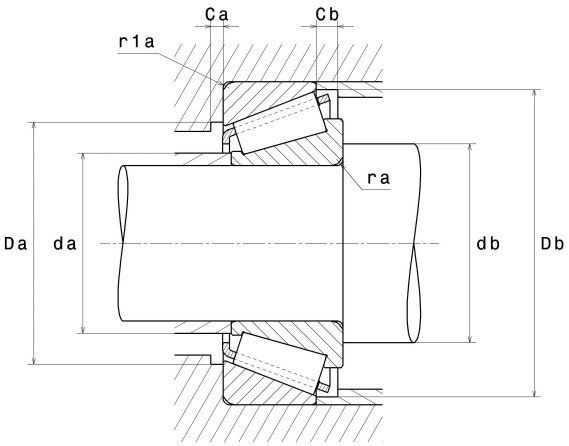
PDF technical sheet
32908XU

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

Product definition	
d	1.5748 "
D	2.4409 "
B	0.5906 "
C	0.4724 "
T	0.5906 "
a	0.4528 "
rs min	0.0236 "
r1s min	0.0236 "
e	0.29
Y2	2.07
Y0	1.14
Mass	0.57 oz
ISO 355 reference	T2BC040
Brand	NTN



Product performance	
Dynamic load, C	32.50 kN
Rating life coefficient, A2	1
Static load, C0	48 kN
Fatigue limit load, Cu	5.90 kN
Nlim (oil)	7,800 RPM
Nlim (grease)	5,900 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	1.7520 "
db min	1.7913 "
Da max	2.2638 "
Db min	2.3031 "
ra max	0.0236 "
r1a max	0.0236 "

Calculation factors

Equivalent dynamic radial load

$P = X.Fr + Y.Fa$

$Fa / Fr \leq e$		$Fa / Fr > e$	
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