Technical data

32232UUTG

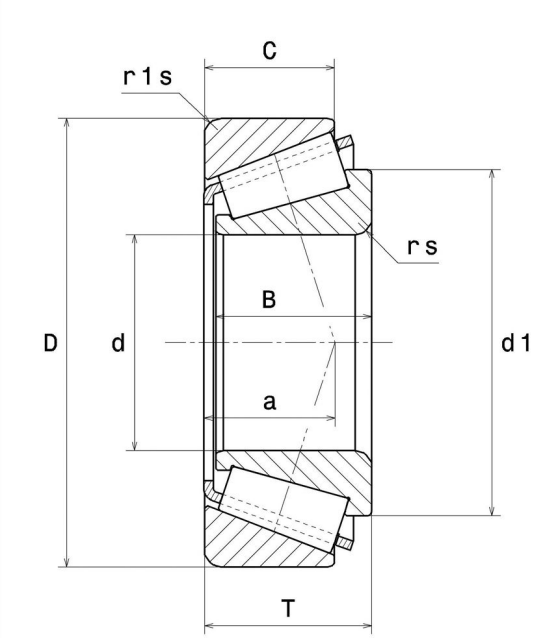
Single row tapered roller bearings

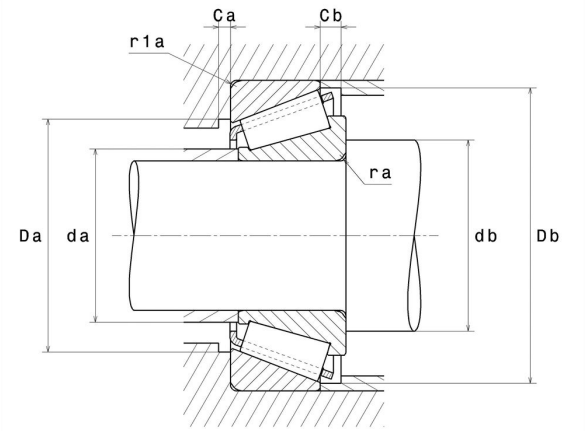
Tapered roller bearing, pressed steel cage

ULTAGE



Visual(s)





Product definition

d	160 mm
D	290 mm
B	80 mm
C	67 mm
T	84 mm
a	70 mm
rs min	4 mm
r1s min	3 mm
e	0.44
Y2	1.38
Y0	0.76
Mass	23.9 kg
ISO 355 reference	T4GD160
Brand	NTN

Product performance

Dynamic load, C	1,140 kN
Rating life coefficient, A2	1
Static load, C0	1,420 kN
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.9 Hz
Characteristic outer ring frequency, BPF0	9.07 Hz
Characteristic inner ring frequency, BPFI	11.93 Hz

Abutment dimensions

da max	182 mm
db min	178 mm
Da min	242 mm
Da max	276 mm
Db min	275 mm
Ca min	10 mm
Cb min	17 mm
ra max	3 mm
r1a max	2.5 mm

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