Technical data

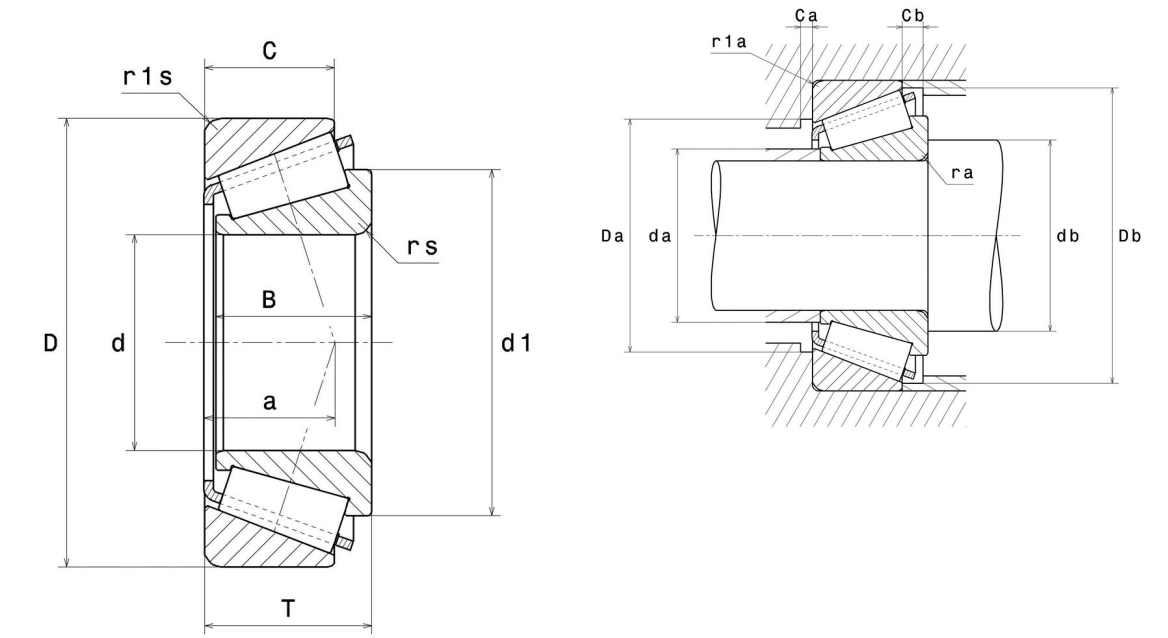
32234UUTG

Single row tapered roller bearings

Tapered roller bearing, pressed steel cage

ULTAGE

Visual(s)



Product definition

d	170 mm
D	310 mm
B	86 mm
C	71 mm
T	91 mm
d1	240 mm
a	75 mm
rs min	5 mm
r1s min	4 mm
e	0.44
Y2	1.38
Y0	0.76
Mass	29.18 kg
ISO 355 reference	T4GD170
Brand	NTN

Product performance

Dynamic load, C	1,280 kN
Rating life coefficient, A2	1
Static load, C0	1,600 kN
Nlim (oil)	1,500 Tr/min
Nlim (grease)	1,100 Tr/min
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	8.63 Hz
Characteristic inner ring frequency, BPFI	11.37 Hz

Abutment dimensions

da max	194 mm
db min	192 mm
Da min	255 mm
Da max	292 mm
Db min	297 mm
Ca min	10 mm
Cb min	20 mm
ra max	4 mm
r1a max	3 mm

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