Technical data

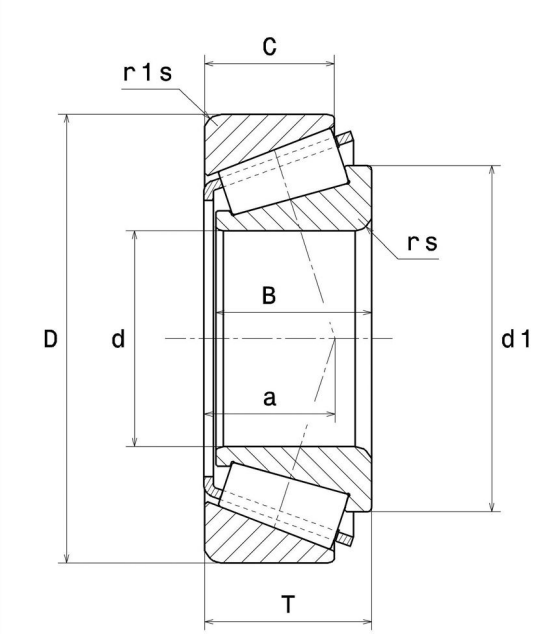
32060XU

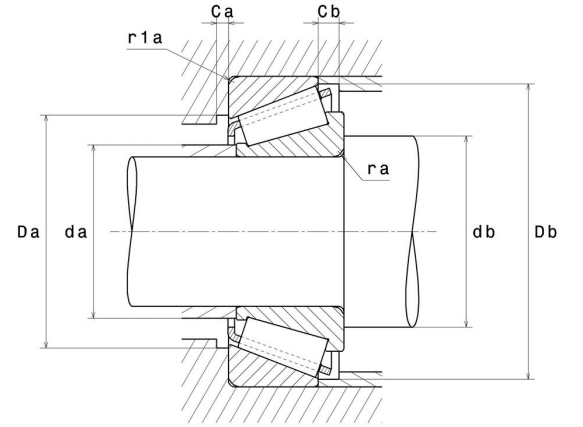
Single row tapered roller bearings

Tapered roller bearing, pressed steel cage



Visual(s)





Product definition

d	300 mm
D	460 mm
B	100 mm
C	74 mm
T	100 mm
d1	380 mm
a	98 mm
rs min	5 mm
r1s min	4 mm
e	0.43
Y2	1.38
Y0	0.76
Mass	59.6 kg
ISO 355 reference	T4GD300
Brand	NTN

Product performance

Dynamic load, C	1,490 kN
Rating life coefficient, A2	1
Static load, C0	2,830 kN
Fatigue limit load, Cu	231 kN
Nlim (oil)	910 Tr/min
Nlim (grease)	680 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	9.59 Hz
Characteristic outer ring frequency, BPF0	12.16 Hz
Characteristic inner ring frequency, BPFI	14.84 Hz

Abutment dimensions

da max	329 mm
db min	322 mm
Da min	404 mm
Da max	442 mm
Db min	439 mm
Ca min	15 mm
Cb min	26 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