Technical data

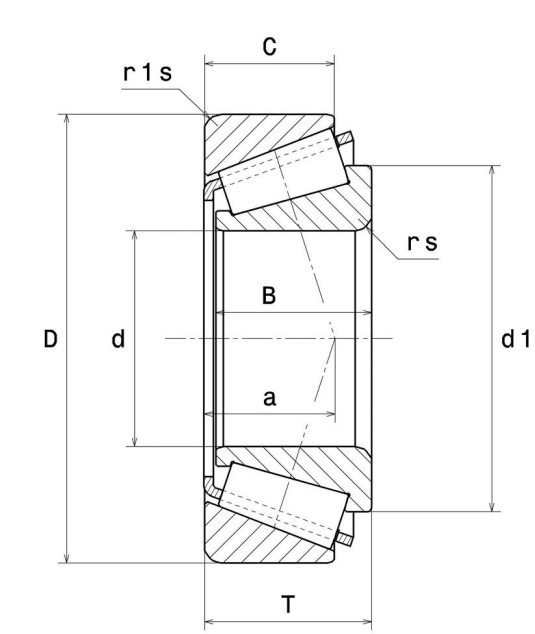
32064XU

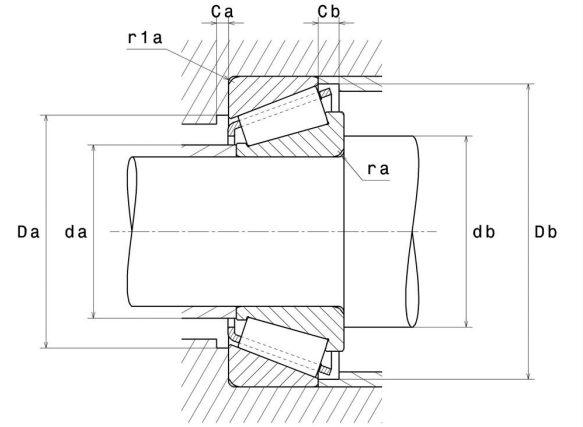
Single row tapered roller bearings



Tapered roller bearing, pressed steel cage

Visual(s)





Product definition

d	320 mm
D	480 mm
B	100 mm
C	74 mm
T	100 mm
d1	402.5 mm
a	104 mm
rs min	5 mm
r1s min	4 mm
e	0.46
Y2	1.31
Y0	0.72
Mass	60.2 kg
ISO 355 reference	T4GD320
Brand	NTN

Product performance

Dynamic load, C	1,520 kN
Rating life coefficient, A2	1
Static load, C0	2,940 kN
Fatigue limit load, Cu	236 kN
Nlim (oil)	840 Tr/min
Nlim (grease)	630 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	10.14 Hz
Characteristic outer ring frequency, BPF0	12.69 Hz
Characteristic inner ring frequency, BPFI	15.31 Hz

Abutment dimensions

da max	344.5 mm
db min	342 mm
Da min	418.5 mm
Da max	462 mm
Db min	463 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