Technical datasheet

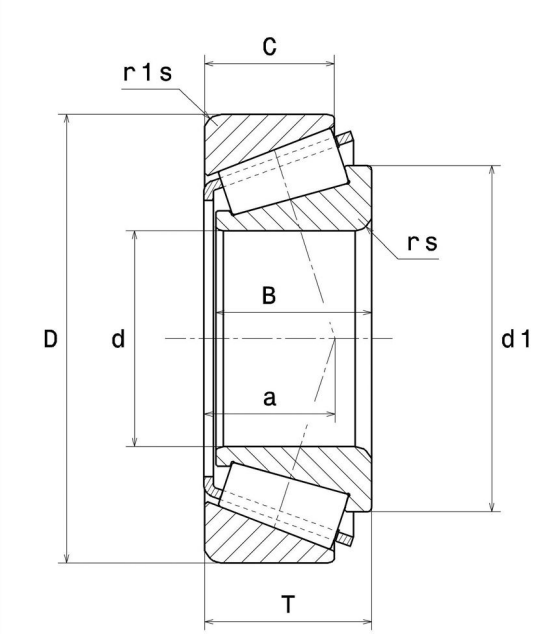
4T-32306CR

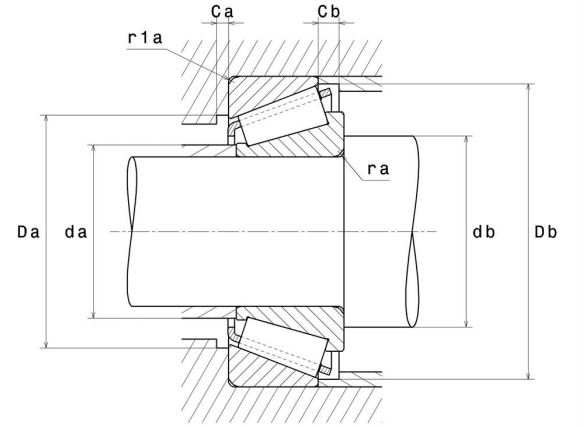
Single row tapered roller bearings

Tapered roller bearing, pressed steel cage



Visual(s)





Product definition

d	30 mm
D	72 mm
B	27 mm
C	23 mm
T	28.75 mm
a	23 mm
rs min	1.5 mm
r1s min	1.5 mm
e	0.61
Y2	0.99
Y0	0.54
Mass	0.59 kg
ISO 355 reference	T2FD030
Brand	NTN

Product performance

Dynamic load, C	70 kN
Rating life coefficient, A2	1.4
Static load, C0	88.5 kN
Fatigue limit load, Cu	10.8 kN
Nlim (oil)	7,300 rpm
Nlim (grease)	5,500 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C

Abutment dimensions

da max	38.5 mm
db min	37 mm
Da max	63.5 mm
Db min	67.5 mm
ra max	1.5 mm
r1a max	1.5 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