Technical data

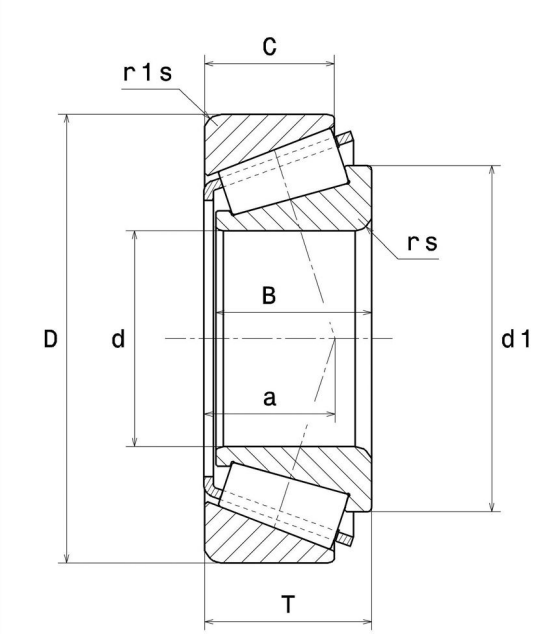
4T-32014X

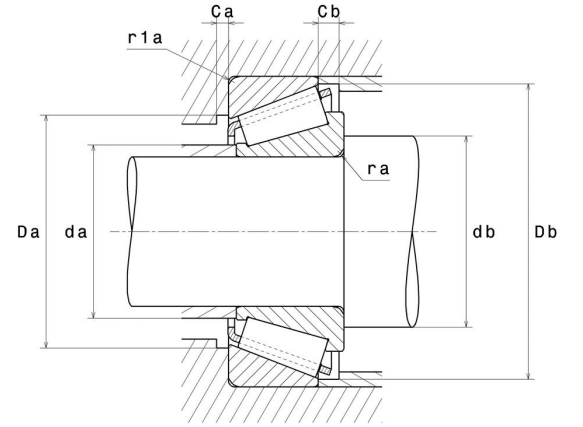
Single row tapered roller bearings



Tapered roller bearing, pressed steel cage

Visual(s)





Product definition

d	70 mm
D	110 mm
B	25 mm
C	19 mm
T	25 mm
d1	91 mm
a	24 mm
rs min	1.5 mm
r1s min	1.5 mm
e	0.43
Y2	1.38
Y0	0.76
Mass	0.85 kg
ISO 355 reference	T4CC070
Brand	NTN

Product performance

Dynamic load, C	105 kN
Rating life coefficient, A2	1.4
Static load, C0	160 kN
Fatigue limit load, Cu	19.5 kN
Nlim (oil)	4,200 Tr/min
Nlim (grease)	3,200 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	78 mm
db min	78.5 mm
Da min	98 mm
Da max	101.5 mm
Db min	105 mm
Ca min	5 mm
Cb min	6 mm
ra max	1.5 mm
r1a max	1.5 mm