Technical data

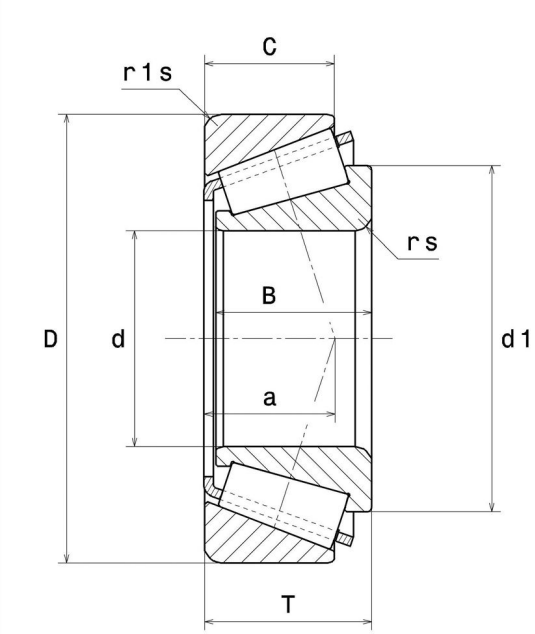
4T-L44643L/L44610

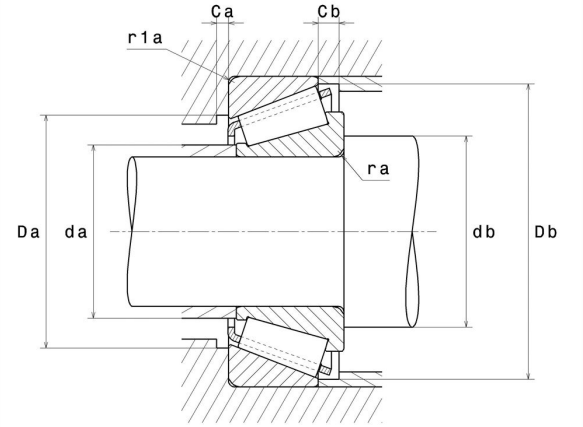
Single row tapered roller bearings



Tapered roller bearing, pressed steel cage

Visual(s)





Product definition

d	25.4 mm
D	51.1 mm
B	14.73 mm
C	10.67 mm
T	14.22 mm
a	10.8 mm
rs min	1.3 mm
r1s min	1.3 mm
e	0.37
Y2	1.6
Y0	0.88
Mass	0.13 kg
Brand	NTN

Product performance

Dynamic load, C	28.8 kN
Rating life coefficient, A2	1.4
Static load, C0	34 kN
Nlim (oil)	9,900 Tr/min
Nlim (grease)	7,400 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C

Abutment dimensions

ra max	1.3 mm
r1a max	1.3 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