Technical data

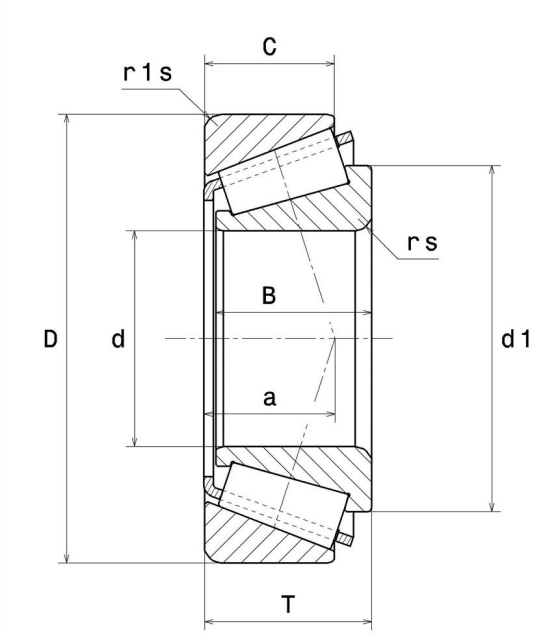
4T-T4CB120

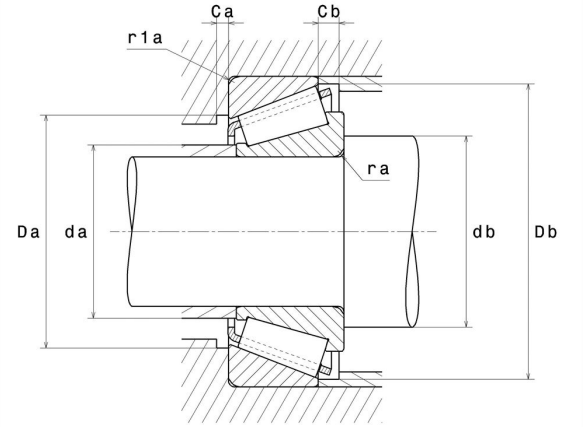
Single row tapered roller bearings

Tapered roller bearing, pressed steel cage



Visual(s)





Product definition

d	120 mm
D	170 mm
B	25 mm
C	19.5 mm
T	27 mm
d1	143.5 mm
a	35 mm
rs min	3 mm
r1s min	3 mm
e	0.47
Y2	1.27
Y0	0.7
Mass	1.69 kg
Brand	NTN

Product performance

Dynamic load, C	154 kN
Rating life coefficient, A2	1.4
Static load, C0	235 kN
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C

Abutment dimensions

da max	128.5 mm
db min	134 mm
Da max	158 mm
ra max	2.5 mm
r1a max	2.5 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