Technical data

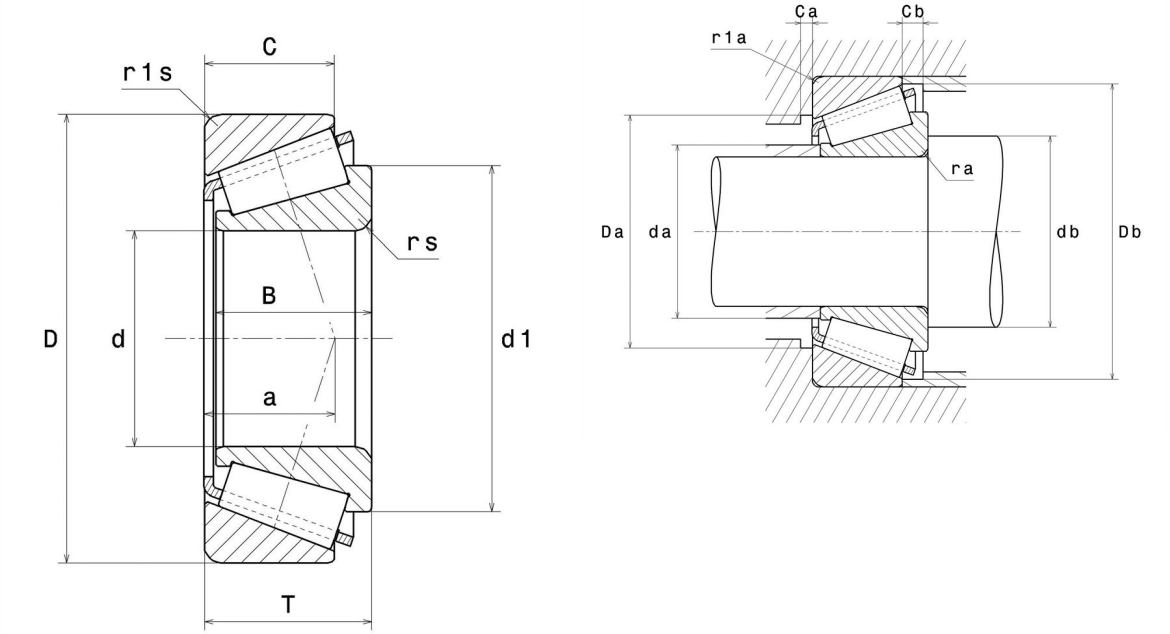
4T-HH228340/HH228310

Single row tapered roller bearings

Tapered roller bearing, pressed steel cage



Visual(s)



Product definition

d	120.65 mm
D	254 mm
B	82.55 mm
C	61.91 mm
T	77.79 mm
d1	185.5 mm
a	54.4 mm
rs min	9.7 mm
r1s min	6.4 mm
e	0.32
Y2	1.87
Y0	1.03
Mass	18.8 kg
Brand	SNR

Product performance

Dynamic load, C	740 kN
Rating life coefficient, A2	1.4
Static load, C0	1,070 kN
Fatigue limit load, Cu	108 kN
Nlim (oil)	1,900 Tr/min
Nlim (grease)	1,400 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C

Abutment dimensions

da max	142 mm
db min	158 mm
Da max	223 mm
Db min	234 mm
ra max	9.7 mm
r1a max	6.4 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