Technical data

32005.A

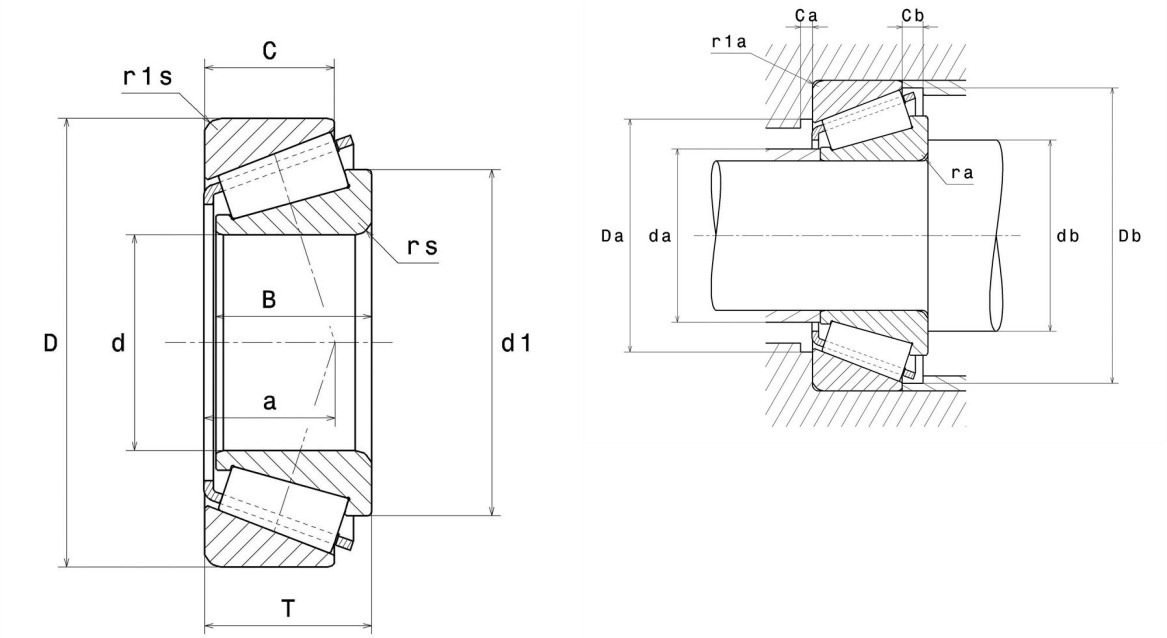
Single row tapered roller bearings

Tapered roller bearing, pressed steel cage

ULTAGE



Visual(s)



Product definition

d	25 mm
D	47 mm
B	15 mm
C	11.5 mm
T	15 mm
d1	37.2 mm
a	11.7 mm
rs min	0.6 mm
r1s min	0.6 mm
e	0.43
Y2	1.39
Y0	0.77
Mass	0.11 kg
ISO 355 reference	T4CC025
Brand	SNR

Product performance

Dynamic load, C	9.91 kN
Rating life coefficient, A2	1
Static load, C0	34.1 kN
Fatigue limit load, Cu	4.15 kN
Nref	9,200 Tr/min
Nlim	16,000 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	7.16 Hz
Characteristic outer ring frequency, BPF0	8.25 Hz
Characteristic inner ring frequency, BPFI	10.75 Hz

Abutment dimensions

da max	30 mm
db min	29.5 mm
Da min	40 mm
Da max	42.5 mm
Db min	44 mm
Ca min	3 mm
Cb min	3.5 mm
ra max	0.6 mm
r1a max	0.6 mm