Technical data

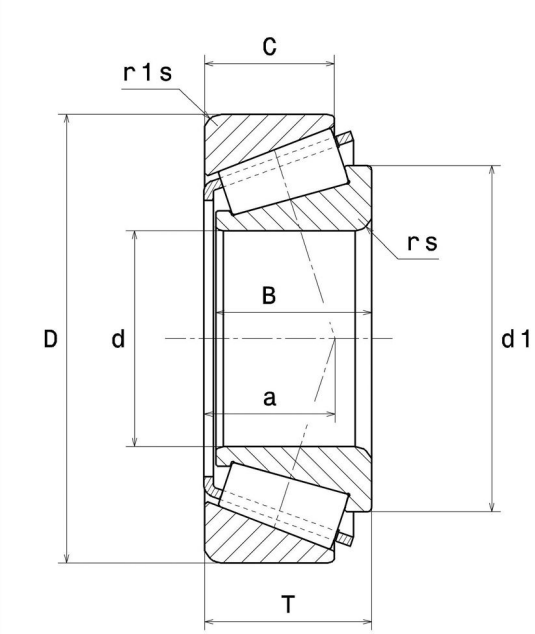
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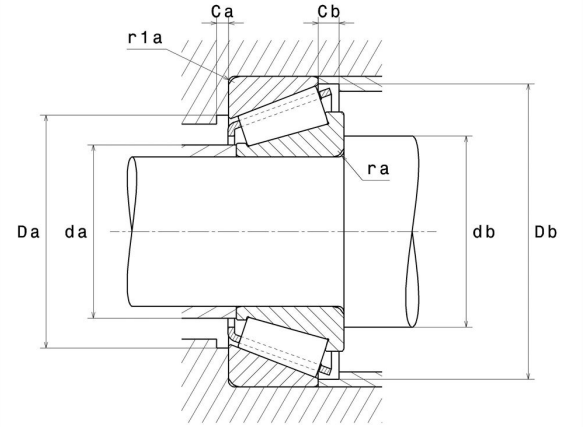
Single row tapered roller bearings

Tapered roller bearing, pressed steel cage



Visual(s)





Product definition

d	40 mm
D	68 mm
B	19 mm
C	14.5 mm
T	19 mm
d1	54.8 mm
a	15 mm
rs min	1 mm
r1s min	1 mm
e	0.38
Y2	1.58
Y0	0.87
Mass	0.27 kg
ISO 355 reference	T3CD040
Brand	SNR

Product performance

Dynamic load, C	51.9 kN
Rating life coefficient, A2	1
Static load, C0	71.1 kN
Fatigue limit load, Cu	8.7 kN
Nref	6,200 Tr/min
Nlim	10,000 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	8.28 Hz
Characteristic outer ring frequency, BPF0	10.17 Hz
Characteristic inner ring frequency, BPFI	12.83 Hz

Abutment dimensions

da max	46 mm
db min	45.5 mm
Da min	60 mm
Da max	62.5 mm
Db min	65 mm
Ca min	4 mm
Cb min	4.5 mm
ra max	1 mm
r1a max	1 mm