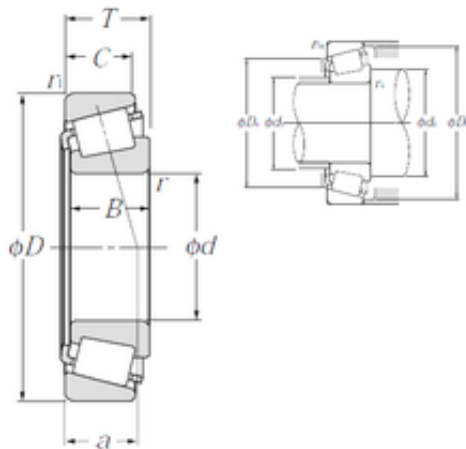




Timken BEARINGS INDUSTRY

44,45 mm x 95,25 mm x 28,3 mm NTN
4T-53177/53375 tapered roller bearings



Bearing No. 4T-53177/53375

4T-53177/53375 Bearing 2D drawings and 3D CAD models

Size	44.45x95.25x30.958 mm
Bore Diameter	44,45 mm
Outer Diameter	95,25 mm
Width	30,958 mm
d	44,45 mm
D	95,25 mm
T	30,958 mm
B	28,3 mm
C	20,638 mm
ra1 max.	0,8 mm
a	0,5 mm
Da	81 mm
db	53 mm
ra max.	3,5 mm
da	63 mm
Db	89 mm
Weight	0,925 Kg
Basic dynamic load rating (C)	82,5 kN
Basic static load rating (C0)	92 kN
(Grease) Lubrication Speed	3 700 r/min
(Oil) Lubrication Speed	5 000 r/min
Calculation factor (e)	0,74
Calculation factor (Y0)	0,45
d1	70.8 mm
e	0.74



Timken BEARINGS INDUSTRY

Y2	0.81
Y0	0.45
Mass	0.93 kg
Dynamic load, C	82.5 kN
Rating life coefficient, A2	1.4
Static load, C0	92 kN
Fatigue limit load, Cu	11.2 kN
Nlim (oil)	5,000 rpm
Nlim (grease)	3,700 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.61 Hz
Characteristic outer ring frequency, BPF0	5.91 Hz
Characteristic inner ring frequency, BPF1	8.09 Hz
ra max	2 mm
r1a max	0.8 mm