



Bearing No. 4T-53177/53375

e	0.74
d	44,45 mm
D	95,25 mm
T	30,958 mm
B	28,3 mm
C	20,638 mm
a	0,5 mm
db	53 mm
Y2	0.81
Y0	0.45
Db	89 mm
da	63 mm
Da	81 mm
d1	70.8 mm
Mass	0.93 kg
Weight	0,925 Kg
ra max	2 mm
ra max.	3,5 mm
r1a max	0.8 mm
ra1 max.	0,8 mm
Size (mm)	44.45x95.25x30.958
Width (mm)	30,958
Nlim (oil)	5,000 rpm
Nlim (grease)	3,700 rpm
Bearing number	4T-53177/53375
Static load, C0	92 kN
Dynamic load, C	82.5 kN
Bore Diameter (mm)	44,45
Outer Diameter (mm)	95,25
Calculation factor (e)	0,74

Fatigue limit load, Cu	11.2 kN
Calculation factor (Y0)	0,45
(Oil) Lubrication Speed	5 000 r/min
(Grease) Lubrication Speed	3 700 r/min
Rating life coefficient, A2	1.4
Basic dynamic load rating (C)	82,5 kN
Basic static load rating (C0)	92 kN
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic outer ring frequency, BPF0	5.91 Hz
Characteristic inner ring frequency, BPF1	8.09 Hz
Characteristic rolling element frequency, BSF	5.61 Hz