



Bearing No. 4T-596/592A

e	0.44
d	85,725 mm
D	152,4 mm
T	39,688 mm
B	36,322 mm
C	30,162 mm
a	2,6 mm
db	96 mm
Y2	1.36
Y0	0.75
Db	144 mm
da	102 mm
Da	135 mm
d1	121.2 mm
Mass	2.9 kg
Weight	2,9 Kg
ra max	3.5 mm
ra max.	3,5 mm
r1a max	3.3 mm
ra1 max.	3,3 mm
Size (mm)	85.725x152.4x39.688
Width (mm)	39,688
Nlim (oil)	3,100 rpm
Nlim (grease)	2,300 rpm
Bearing number	4T-596/592A
Static load, C0	279 kN
Dynamic load, C	180 kN
Bore Diameter (mm)	85,725
Outer Diameter (mm)	152,4
Calculation factor (e)	0,44

Fatigue limit load, Cu	32.1 kN
Calculation factor (Y0)	0,75
(Oil) Lubrication Speed	3 100 r/min
(Grease) Lubrication Speed	2 300 r/min
Rating life coefficient, A2	1.4
Basic dynamic load rating (C)	180 kN
Basic static load rating (C0)	279 kN
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic outer ring frequency, BPF0	10.76 Hz
Characteristic inner ring frequency, BPFI	13.24 Hz
Characteristic rolling element frequency, BSF	9.18 Hz