



Bearing No. 4T-396/394A

e	0.4
d	50 mm
D	110 mm
T	22 mm
B	21,996 mm
C	18,824 mm
a	0,7 mm
db	60 mm
Y2	1.49
Y0	0.82
Db	104 mm
da	61 mm
Da	101 mm
d1	87 mm
Mass	1.06 kg
Weight	1,06 Kg
ra max	0.8 mm
ra max.	0,8 mm
r1a max	1.3 mm
ra1 max.	1,3 mm
Size (mm)	50x110x22
Width (mm)	22
Nlim (oil)	4,300 rpm
Nlim (grease)	3,200 rpm
Bearing number	4T-396/394A
Static load, C0	120 kN
Dynamic load, C	89.5 kN
Bore Diameter (mm)	50
Outer Diameter (mm)	110
Calculation factor (e)	0,4

Fatigue limit load, Cu	14.6 kN
Calculation factor (Y0)	0,82
(Oil) Lubrication Speed	4 300 r/min
(Grease) Lubrication Speed	3 200 r/min
Rating life coefficient, A2	1.4
Basic dynamic load rating (C)	89,5 kN
Basic static load rating (C0)	120 kN
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic outer ring frequency, BPF0	10.19 Hz
Characteristic inner ring frequency, BPFI	12.81 Hz
Characteristic rolling element frequency, BSF	8.4 Hz