



Bearing No. 4T-53162/53375

e	0.74
d	41,275 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	57 mm
Da	81 mm
d1	70.8 mm
Mass	0.98 kg
Weight	0,975 Kg
ra max	1.5 mm
ra max.	1,5 mm
r1a max	0.8 mm
ra1 max.	0,8 mm
Size (mm)	41.275x95.25x30.958
Width (mm)	30,958
Nlim (oil)	5,000 rpm
Nlim (grease)	3,700 rpm
Bearing number	4T-53162/53375
Static load, C0	92 kN
Dynamic load, C	82.5 kN
Bore Diameter (mm)	41,275
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, BRFI	8.09 Hz
Characteristic rolling element frequency, BSF	5.61 Hz