



Bearing No. 4T-3875/3820

e	0.4
d	38,1 mm
D	85,725 mm
T	30,162 mm
B	30,162 mm
C	23,812 mm
a	8,1 mm
db	48,5 mm
Y2	1.49
Y0	0.82
Db	81 mm
da	49,5 mm
Da	73 mm
d1	63.5 mm
Mass	0.86 kg
Weight	0,857 Kg
ra max	0.8 mm
ra max.	0,8 mm
r1a max	3.3 mm
ra1 max.	3,3 mm
Size (mm)	38.1x85.725x30.162
Width (mm)	30,162
Nlim (oil)	6,000 rpm
Nlim (grease)	4,500 rpm
Bearing number	4T-3875/3820
Static load, C0	132 kN
Dynamic load, C	105 kN
Bore Diameter (mm)	38,1
Outer Diameter (mm)	85,725
Calculation factor (e)	0,4

Fatigue limit load, Cu	16.1 kN
Calculation factor (Y0)	0,82
(Oil) Lubrication Speed	6 000 r/min
(Grease) Lubrication Speed	4 500 r/min
Rating life coefficient, A2	1.4
Basic dynamic load rating (C)	105 kN
Basic static load rating (C0)	132 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	6.72 Hz
Characteristic inner ring frequency, BPFI	9.28 Hz
Characteristic rolling element frequency, BSF	5.9 Hz