



Bearing No. 4T-850/832

e	0.3
d	88,9 mm
D	168,275 mm
T	53,975 mm
B	56,363 mm
C	41,275 mm
a	18,5 mm
db	100 mm
Y2	2
Y0	1.1
Db	155 mm
da	106 mm
Da	149 mm
d1	123 mm
Mass	5.08 kg
Weight	5,08 Kg
ra max	3.5 mm
ra max.	3,5 mm
r1a max	3.3 mm
ra1 max.	3,3 mm
Size (mm)	88.9x168.275x53.975
Width (mm)	53,975
Nlim (oil)	3,000 rpm
Nlim (grease)	2,200 rpm
Bearing number	4T-850/832
Static load, C0	460 kN
Dynamic load, C	340 kN
Bore Diameter (mm)	88,9
Outer Diameter (mm)	168,275
Calculation factor (e)	0,3

Fatigue limit load, Cu	52.3 kN
Calculation factor (Y0)	1,1
(Oil) Lubrication Speed	3 000 r/min
(Grease) Lubrication Speed	2 200 r/min
Rating life coefficient, A2	1.4
Basic dynamic load rating (C)	340 kN
Basic static load rating (C0)	460 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	6.71 Hz
Characteristic inner ring frequency, BRFI	9.29 Hz
Characteristic rolling element frequency, BSF	5.94 Hz