



Bearing No. 4T-HM807046/HM807010

e	0.49
d	50,8 mm
D	104,775 mm
T	36,512 mm
B	36,512 mm
C	28,575 mm
a	7,4 mm
db	63 mm
Y2	1.23
Y0	0.68
Db	100 mm
da	70 mm
Da	89 mm
d1	81.5 mm
Mass	1.49 kg
Weight	1,49 Kg
ra max	3.5 mm
ra max.	3,5 mm
r1a max	3.3 mm
ra1 max.	3,3 mm
Size (mm)	50.8x104.775x36.512
Width (mm)	36,512
Nlim (oil)	4,800 rpm
Nlim (grease)	3,600 rpm
Bearing number	4T-HM807046/HM807010
Static load, C0	189 kN
Dynamic load, C	138 kN
Bore Diameter (mm)	50,8
Outer Diameter (mm)	104,775

Calculation factor (e)	0,49
Fatigue limit load, Cu	23 kN
Calculation factor (Y0)	0,68
(Oil) Lubrication Speed	4 800 r/min
(Grease) Lubrication Speed	3 600 r/min
Rating life coefficient, A2	1.4
Basic dynamic load rating (C)	138 kN
Basic static load rating (C0)	189 kN
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic outer ring frequency, BPF0	7.77 Hz
Characteristic inner ring frequency, BRFI	10.23 Hz
Characteristic rolling element frequency, BSF	6.81 Hz