



Bearing No. 4T-HM807044/HM807010

e	0.49
a	7,4 mm
d	49,212 mm
D	104,775 mm
T	36,512 mm
B	36,512 mm
C	28,575 mm
Y0	0.68
Db	100 mm
da	69 mm
Y2	1.23
d1	81.5 mm
Da	89 mm
db	63 mm
Mass	1.52 kg
Weight	1,52 Kg
ra max	3.5 mm
ra max.	3,5 mm
r1a max	3.3 mm
ra1 max.	3,3 mm
Category	Bearings
Inventory	0.0
Size (mm)	49.212x104.775x36.512
Width (mm)	36,512
Nlim (oil)	4,800 rpm
Nlim (grease)	3,600 rpm
Product Group	B04334
Bearing number	4T-HM807044/HM807010
Dynamic load, C	138 kN

Static load, C0	189 kN
Weight / Kilogram	1.542
Manufacturer Name	NTN
Bore Diameter (mm)	49,212
Outer Diameter (mm)	104,775
Minimum Buy Quantity	N/A
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 static load rating (C0)	189 kN
Basic dynamic load rating (C)	138 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °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