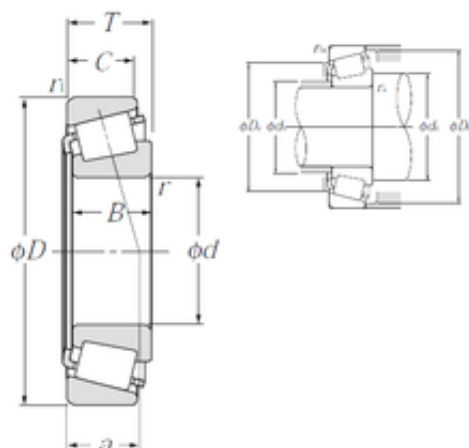




# BEARING USA CORP.

54,488 mm x 104,775 mm x 36,512 mm NTN  
4T-HM807048/HM807010 tapered roller bearings

Bearing No. 4T-HM807048/HM807010



4T-HM807048/HM807010 Bearing 2D drawings and 3D  
CAD models

Size	54.488x104.775x36.512 mm
Bore Diameter	54,488 mm
Outer Diameter	104,775 mm
Width	36,512 mm
d	54,488 mm
D	104,775 mm
T	36,512 mm
B	36,512 mm
C	28,575 mm
ra1 max.	3,3 mm
a	7,4 mm
Da	89 mm
db	63 mm
ra max.	3,5 mm
da	73 mm
Db	100 mm
Weight	1,4 Kg
Basic dynamic load rating (C)	138 kN
Basic static load rating (C0)	189 kN
(Grease) Lubrication Speed	3 600 r/min
(Oil) Lubrication Speed	4 800 r/min
Calculation factor (e)	0,49
Calculation factor (Y0)	0,68
d1	81.5 mm
e	0.49



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Y2	1.23
Y0	0.68
Mass	1.4 kg
Dynamic load, C	138 kN
Rating life coefficient, A2	1.4
Static load, C0	189 kN
Fatigue limit load, Cu	23 kN
Nlim (oil)	4,800 rpm
Nlim (grease)	3,600 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.81 Hz
Characteristic outer ring frequency, BPF0	7.77 Hz
Characteristic inner ring frequency, BRFI	10.23 Hz
ra max	3.5 mm
r1a max	3.3 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.416
Product Group	B04334