



# BEARING CORP.OF AMERICA

## 152,4 mm x 222,25 mm x 46,83 mm NTN 4T-M231648/M231610 tapered roller bearings



Bearing No. 4T-M231648/M231610

4T-M231648/M231610 Bearing 2D drawings and 3D CAD models

Size	152.4x222.25x46.83 mm
Bore Diameter	152,4 mm
Outer Diameter	222,25 mm
Width	46,83 mm
d	152,4 mm
D	222,25 mm
T	46,83 mm
B	46,83 mm
C	34,925 mm
ra1 max.	1,5 mm
a	5,9 mm
Da	207 mm
db	163 mm
ra max.	8 mm
da	178 mm
Db	213 mm
Weight	5,72 Kg
Basic dynamic load rating (C)	315 kN
Basic static load rating (C0)	585 kN
(Grease) Lubrication Speed	1 500 r/min
(Oil) Lubrication Speed	2 000 r/min
Calculation factor (e)	0,33
Calculation factor (Y0)	0,99
d1	186 mm
e	0.33



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Y2	1.8
Y0	0.99
Mass	5.72 kg
Dynamic load, C	315 kN
Rating life coefficient, A2	1.4
Static load, C0	585 kN
Fatigue limit load, Cu	59.1 kN
Nlim (oil)	2,000 rpm
Nlim (grease)	1,500 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic rolling element frequency, BSF	12 Hz
Characteristic outer ring frequency, BPF0	14.71 Hz
Characteristic inner ring frequency, BPF1	17.29 Hz
ra max	8 mm
r1a max	1.5 mm