



## Shandong Zhongyue Precision Bearing C...

89,974 mm x 146,975 mm x 40 mm NTN 4T-HM218248/HM218210 tapered roller bearings



Bearing No. 4T-HM218248/HM218210

4T-HM218248/HM218210 Bearing 2D drawings and 3D CAD models

Size	89.974x146.975x40 mm
Bore Diameter	89,974 mm
Outer Diameter	146,975 mm
Width	40 mm
d	89,974 mm
D	146,975 mm
T	40 mm
B	40 mm
C	32,5 mm
ra1 max.	3,5 mm
a	8,6 mm
Da	133 mm
db	99 mm
ra max.	7 mm
da	112 mm
Db	141 mm
Weight	2,55 Kg
Basic dynamic load rating (C)	227 kN
Basic static load rating (C0)	340 kN
(Grease) Lubrication Speed	2 400 r/min
(Oil) Lubrication Speed	3 200 r/min
Calculation factor (e)	0,33
Calculation factor (Y0)	0,99
d1	117.5 mm
e	0.33



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Y2	1.8
Y0	0.99
Mass	2.55 kg
Dynamic load, C	227 kN
Rating life coefficient, A2	1.4
Static load, C0	340 kN
Fatigue limit load, Cu	39.4 kN
Nlim (oil)	3,200 rpm
Nlim (grease)	2,400 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	7.88 Hz
Characteristic outer ring frequency, BPF0	9.22 Hz
Characteristic inner ring frequency, BRFI	11.78 Hz
ra max	7 mm
r1a max	3.5 mm