



NTN Bearing Manufacturing

127 mm x 228,6 mm x 49,428 mm NTN 4T-HM926747/HM926710 tapered roller bearings



Bearing No. 4T-HM926747/HM926710

4T-HM926747/HM926710 Bearing 2D drawings and 3D CAD models

Size	127x228.6x53.975 mm
Bore Diameter	127 mm
Outer Diameter	228,6 mm
Width	53,975 mm
d	127 mm
D	228,6 mm
T	53,975 mm
B	49,428 mm
C	38,1 mm
ra1 max.	3,3 mm
a -	13,5 mm
Da	200 mm
db	143 mm
ra max.	3,5 mm
da	156 mm
Db	219 mm
Weight	8,83 Kg
Basic dynamic load rating (C)	430 kN
Basic static load rating (C0)	620 kN
(Grease) Lubrication Speed	1 400 r/min
(Oil) Lubrication Speed	1 900 r/min
Calculation factor (e)	0,74
Calculation factor (Y0)	0,45
d1	180 mm
a	67.48 mm



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e	0.74
Y2	0.81
Y0	0.45
Mass	8.83 kg
Dynamic load, C	430 kN
Rating life coefficient, A2	1.4
Static load, C0	620 kN
Fatigue limit load, Cu	63.7 kN
Nlim (oil)	1,900 rpm
Nlim (grease)	1,400 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	7.01 Hz
Characteristic outer ring frequency, BPF0	8.74 Hz
Characteristic inner ring frequency, BRF1	11.26 Hz
ra max	3.5 mm
r1a max	3.3 mm