



Bearing No. 4T-HM617049/HM617010

e	0.43
a	6,9 mm
d	85,725 mm
D	142,138 mm
T	42,862 mm
B	42,862 mm
C	34,133 mm
Y0	0.76
Db	137 mm
da	106 mm
Y2	1.39
d1	116 mm
Da	125 mm
db	95 mm
Mass	2.69 kg
Weight	2,69 Kg
ra max	4.8 mm
ra max.	4,8 mm
r1a max	3.3 mm
ra1 max.	3,3 mm
Category	Bearings
Inventory	0.0
Size (mm)	85.725x142.138x42.862
Width (mm)	42,862
Nlim (oil)	3,300 rpm
Nlim (grease)	2,500 rpm
Product Group	B04334
Bearing number	4T-HM617049/HM617010
Dynamic load, C	216 kN

Static load, C0	350 kN
Weight / Kilogram	2.673
Manufacturer Name	NTN
Bore Diameter (mm)	85,725
Outer Diameter (mm)	142,138
Minimum Buy Quantity	N/A
Calculation factor (e)	0,43
Fatigue limit load, Cu	41.1 kN
Calculation factor (Y0)	0,76
(Oil) Lubrication Speed	3 300 r/min
(Grease) Lubrication Speed	2 500 r/min
Rating life coefficient, A2	1.4
Basic static load rating (C0)	350 kN
Basic dynamic load rating (C)	216 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic outer ring frequency, BPF0	10.25 Hz
Characteristic inner ring frequency, BRFI	12.75 Hz
Characteristic rolling element frequency, BSF	8.76 Hz