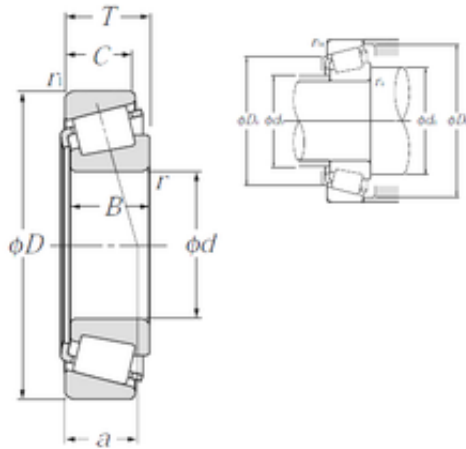




Bearings International Co., Ltd

NTN 4T-HM813841/HM813810 tapered roller bearings

Bearing No. 4T-HM813841/HM813810



4T-HM813841/HM813810 Bearing 2D drawings and 3D CAD models

Size	60.325x127x36.512 mm
Bore Diameter	60,325 mm
Outer Diameter	127 mm
Width	36,512 mm
d	60,325 mm
D	127 mm
T	36,512 mm
B	36,512 mm
C	26,988 mm
ra1 max.	3,3 mm
a	3,7 mm
Da	111 mm
db	73 mm
ra max.	3,5 mm
da	80 mm
Db	121 mm
Weight	2,21 Kg
Basic dynamic load rating (C)	163 kN
Basic static load rating (C0)	228 kN
(Grease) Lubrication Speed	2 900 r/min
(Oil) Lubrication Speed	3 800 r/min
Calculation factor (e)	0,5
Calculation factor (Y0)	0,66
d1	100 mm
e	0.5



Bearings International Co., Ltd

Y2	1.2
Y0	0.66
Mass	2.21 kg
Dynamic load, C	163 kN
Rating life coefficient, A2	1.4
Static load, C0	228 kN
Fatigue limit load, Cu	27.8 kN
Nlim (oil)	3,800 rpm
Nlim (grease)	2,900 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	7.34 Hz
Characteristic outer ring frequency, BPF0	8.73 Hz
Characteristic inner ring frequency, BRFI	11.27 Hz
ra max	3.5 mm
r1a max	3.3 mm