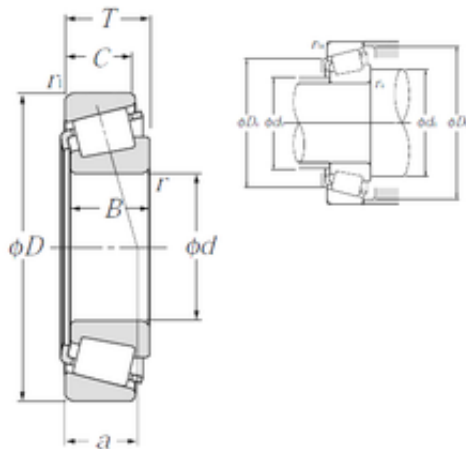




BEARING-MALAYSIA SDN.BHD.

47,625 mm x 95,25 mm x 29,37 mm NTN 4T-HM804846/HM804810 tapered roller bearings



Bearing No. 4T-HM804846/HM804810

4T-HM804846/HM804810 Bearing 2D drawings and 3D CAD models

Size	47.625x95.25x30.162 mm
Bore Diameter	47,625 mm
Outer Diameter	95,25 mm
Width	30,162 mm
d	47,625 mm
D	95,25 mm
T	30,162 mm
B	29,37 mm
C	23,02 mm
ra1 max.	3,3 mm
a	3,7 mm
Da	81 mm
db	57 mm
ra max.	3,5 mm
da	66 mm
Db	91 mm
Weight	0,978 Kg
Basic dynamic load rating (C)	109 kN
Basic static load rating (C0)	147 kN
(Grease) Lubrication Speed	4 000 r/min
(Oil) Lubrication Speed	5 300 r/min
Calculation factor (e)	0,55
Calculation factor (Y0)	0,6
d1	73.5 mm
e	0.55



BEARING-MALAYSIA SDN.BHD.

Y2	1.1
Y0	0.6
Mass	0.98 kg
Dynamic load, C	109 kN
Rating life coefficient, A2	1.4
Static load, C0	147 kN
Fatigue limit load, Cu	17.9 kN
Nlim (oil)	5,300 rpm
Nlim (grease)	4,000 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.91 Hz
Characteristic outer ring frequency, BPF0	8.23 Hz
Characteristic inner ring frequency, BPF1	10.77 Hz
ra max	3.5 mm
r1a max	3.3 mm