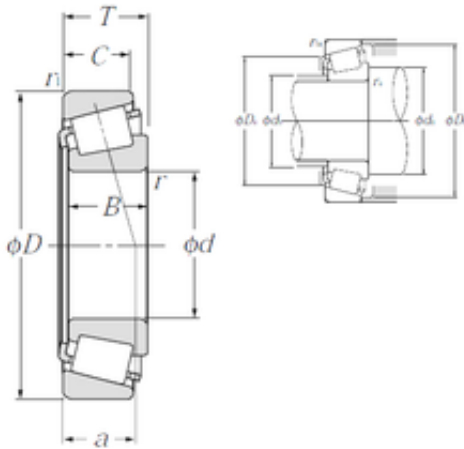




BEARING TYCA PRIVATE LTD.

82,55 mm x 133,35 mm x 39,688 mm NTN 4T-HM516448/HM516410 tapered roller bearings



Bearing No. 4T-HM516448/HM516410

4T-HM516448/HM516410 Bearing 2D drawings and 3D CAD models

Size	82.55x133.35x39.688 mm
Bore Diameter	82,55 mm
Outer Diameter	133,35 mm
Width	39,688 mm
d	82,55 mm
D	133,35 mm
T	39,688 mm
B	39,688 mm
C	32,545 mm
ra1 max.	3,3 mm
a	7,5 mm
Da	118 mm
db	92 mm
ra max.	6,8 mm
da	105 mm
Db	128 mm
Weight	2,16 Kg
Basic dynamic load rating (C)	177 kN
Basic static load rating (C0)	305 kN
(Grease) Lubrication Speed	2 600 r/min
(Oil) Lubrication Speed	3 500 r/min
Calculation factor (e)	0,4
Calculation factor (Y0)	0,82
d1	110.5 mm
e	0.4



BEARING TYCA PRIVATE LTD.

Y2	1.49
Y0	0.82
Mass	2.16 kg
Dynamic load, C	177 kN
Rating life coefficient, A2	1.4
Static load, C0	305 kN
Fatigue limit load, Cu	36.4 kN
Nlim (oil)	3,500 rpm
Nlim (grease)	2,600 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	10.09 Hz
Characteristic outer ring frequency, BPF0	11.31 Hz
Characteristic inner ring frequency, BRFI	13.69 Hz
ra max	6.8 mm
r1a max	3.3 mm