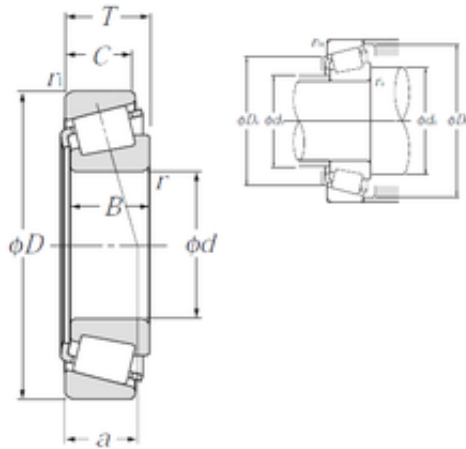




TLEE Bearing Machine Development Co.,...

NTN 4T-48393/48320 tapered roller bearings

Bearing No. 4T-48393/48320



4T-48393/48320 Bearing 2D drawings and 3D CAD models

Size	136.525x190.5x39.688 mm
Bore Diameter	136,525 mm
Outer Diameter	190,5 mm
Width	39,688 mm
d	136,525 mm
D	190,5 mm
T	39,688 mm
B	39,688 mm
C	33,338 mm
ra1 max.	3,3 mm
a	4 mm
Da	177 mm
db	144 mm
ra max.	3,5 mm
da	151 mm
Db	184 mm
Weight	3,43 Kg
Basic dynamic load rating (C)	236 kN
Basic static load rating (C0)	475 kN
(Grease) Lubrication Speed	1 700 r/min
(Oil) Lubrication Speed	2 300 r/min
Calculation factor (e)	0,32
Calculation factor (Y0)	1,03
d1	164.5 mm
e	0.32
Y2	1.87



TLEE Bearing Machine Development Co.,...

Y0	1.03
Mass	3.43 kg
Dynamic load, C	236 kN
Rating life coefficient, A2	1.4
Static load, C0	475 kN
Fatigue limit load, Cu	50 kN
Nlim (oil)	2,300 rpm
Nlim (grease)	1,700 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic rolling element frequency, BSF	13.95 Hz
Characteristic outer ring frequency, BPF0	16.74 Hz
Characteristic inner ring frequency, BRFI	19.26 Hz
ra max	3.5 mm
r1a max	3.3 mm