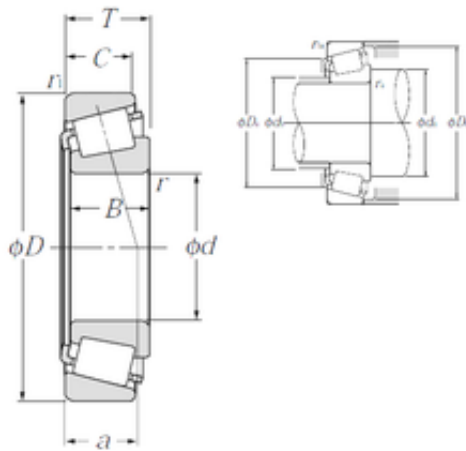




# NTN Bearing Rolamentos do Brasil Ltda.



52,388 mm x 95,25 mm x 28,575 mm NTN  
4T-33890/33821 Single row tapered roller bearings

Bearing No. 4T-33890/33821

4T-33890/33821 Bearing 2D drawings and 3D CAD models

Size	52.388x95.25x27.783 mm
Bore Diameter	52,388 mm
Outer Diameter	95,25 mm
Width	27,783 mm
d	52,388 mm
D	95,25 mm
T	27,783 mm
B	28,575 mm
C	22,225 mm
ra1 max.	2,3 mm
a	8 mm
Da	85 mm
db	59 mm
ra max.	1,5 mm
da	61 mm
Db	90 mm
Weight	0,851 Kg
Basic dynamic load rating (C)	107 kN
Basic static load rating (C0)	139 kN
(Grease) Lubrication Speed	3 900 r/min
(Oil) Lubrication Speed	5 200 r/min
Calculation factor (e)	0,33
Calculation factor (Y0)	1
d1	72.5 mm
e	0.33



## NTN Bearing Rolamentos do Brasil Ltda.

Y2	1.82
Y0	1
Mass	0.85 kg
Dynamic load, C	107 kN
Rating life coefficient, A2	1.4
Static load, C0	139 kN
Fatigue limit load, Cu	17 kN
Nlim (oil)	5,200 rpm
Nlim (grease)	3,900 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	6.66 Hz
Characteristic outer ring frequency, BPF0	7.71 Hz
Characteristic inner ring frequency, BPF1	10.29 Hz
ra max	1.5 mm
r1a max	2.3 mm