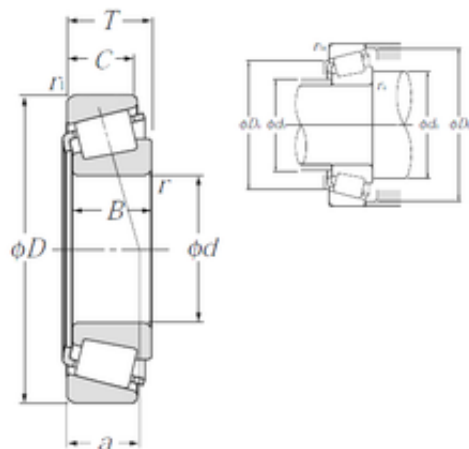




## Bearing Rolamentos do Brasil Ltda.

63,5 mm x 112,712 mm x 30,162 mm NTN  
4T-39585/39520 tapered roller bearings



Bearing No. 4T-39585/39520

Size	63.5x112.712x30.162 mm
Bore Diameter	63,5 mm
Outer Diameter	112,712 mm
Width	30,162 mm
d	63,5 mm
D	112,712 mm
T	30,162 mm
B	30,162 mm
C	23,812 mm
ra1 max.	3,3 mm
a	6,6 mm
Da	101 mm
db	71 mm
ra max.	3,5 mm
da	77 mm
Db	107 mm
Weight	1,27 Kg
Basic dynamic load rating (C)	138 kN
Basic static load rating (C0)	195 kN
(Grease) Lubrication Speed	3 200 r/min
(Oil) Lubrication Speed	4 200 r/min
Calculation factor (e)	0,34
Calculation factor (Y0)	0,97
d1	89 mm
e	0.34

4T-39585/39520 Bearing 2D drawings and 3D CAD models



## Bearing Rolamentos do Brasil Ltda.

Y2	1.77
Y0	0.97
Mass	1.27 kg
Dynamic load, C	138 kN
Rating life coefficient, A2	1.4
Static load, C0	195 kN
Fatigue limit load, Cu	23.8 kN
Nlim (oil)	4,200 rpm
Nlim (grease)	3,200 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	7.58 Hz
Characteristic outer ring frequency, BPF0	9.17 Hz
Characteristic inner ring frequency, BPF1	11.83 Hz
ra max	3.5 mm
r1a max	3.3 mm