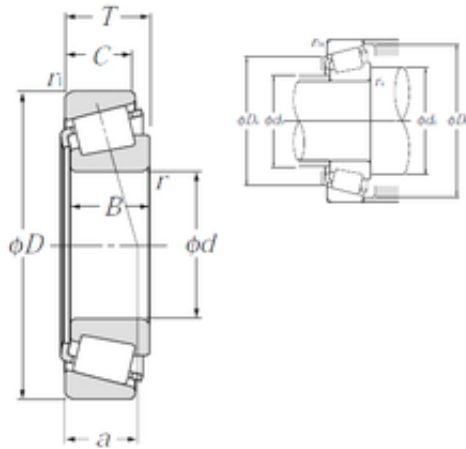




# NTN Bearing Rolamentos do Brasil Ltda.



96,838 mm x 148,43 mm x 28,971 mm NTN  
4T-42381/42584 Single row tapered roller bearings

Bearing No. 4T-42381/42584

4T-42381/42584 Bearing 2D drawings and 3D CAD models

Size	96.838x148.43x28.575 mm
Bore Diameter	96,838 mm
Outer Diameter	148,43 mm
Width	28,575 mm
d	96,838 mm
D	148,43 mm
T	28,575 mm
B	28,971 mm
C	21,433 mm
ra1 max.	3 mm
a -	3 mm
Da	134 mm
db	104 mm
ra max.	3,5 mm
da	110 mm
Db	142 mm
Weight	1,69 Kg
Basic dynamic load rating (C)	138 kN
Basic static load rating (C0)	215 kN
(Grease) Lubrication Speed	2 300 r/min
(Oil) Lubrication Speed	3 100 r/min
Calculation factor (e)	0,49
Calculation factor (Y0)	0,67
d1	122.4 mm
a	31.58 mm



## NTN Bearing Rolamentos do Brasil Ltda.

e	0.49
Y2	1.22
Y0	0.67
Mass	1.69 kg
Dynamic load, C	138 kN
Rating life coefficient, A2	1.4
Static load, C0	215 kN
Fatigue limit load, Cu	24.7 kN
Nlim (oil)	3,100 rpm
Nlim (grease)	2,300 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	10.26 Hz
Characteristic outer ring frequency, BPF0	11.81 Hz
Characteristic inner ring frequency, BRFI	14.19 Hz
ra max	3.5 mm
r1a max	3 mm