



## NTN Bearing Rolamentos do Brasil Ltda.



38,1 mm x 85,725 mm x 30,162 mm NTN  
4T-3876/3820 Single row tapered roller bearings

Bearing No. 4T-3876/3820

4T-3876/3820 Bearing 2D drawings and 3D CAD models

Size	38.1x85.725x30.162 mm
Bore Diameter	38,1 mm
Outer Diameter	85,725 mm
Width	30,162 mm
d	38,1 mm
D	85,725 mm
T	30,162 mm
B	30,162 mm
C	23,812 mm
d1	63.5 mm
a	22.06 mm
e	0.4
Y2	1.49
Y0	0.82
Mass	0.85 kg
Dynamic load, C	105 kN
Rating life coefficient, A2	1.4
Static load, C0	132 kN
Fatigue limit load, Cu	16.1 kN
Nlim (oil)	6,000 rpm
Nlim (grease)	4,500 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage	0.42 Hz



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frequency, FTF	
Characteristic rolling element frequency, BSF	5.9 Hz
Characteristic outer ring frequency, BPF0	6.72 Hz
Characteristic inner ring frequency, BRFI	9.28 Hz
ra max	3.5 mm
r1a max	3.3 mm