



Timken BEARINGS INDUSTRY

57,15 mm x 112,712 mm x 30,048 mm NTN
4T-3979/3920 tapered roller bearings



Bearing No. 4T-3979/3920

4T-3979/3920 Bearing 2D drawings and 3D CAD models

Size	57.15x112.712x30.162 mm
Bore Diameter	57,15 mm
Outer Diameter	112,712 mm
Width	30,162 mm
d	57,15 mm
D	112,712 mm
T	30,162 mm
B	30,048 mm
C	23,812 mm
ra1 max.	3,3 mm
a	4,5 mm
Da	99 mm
db	66 mm
ra max.	3,5 mm
da	72 mm
Db	106 mm
Weight	1,4 Kg
Basic dynamic load rating (C)	119 kN
Basic static load rating (C0)	174 kN
(Grease) Lubrication Speed	3 200 r/min
(Oil) Lubrication Speed	4 300 r/min
Calculation factor (e)	0,4
Calculation factor (Y0)	0,82
d1	88.5 mm
e	0.4



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Y2	1.49
Y0	0.82
Mass	1.4 kg
Dynamic load, C	119 kN
Rating life coefficient, A2	1.4
Static load, C0	174 kN
Fatigue limit load, Cu	21.2 kN
Nlim (oil)	4,300 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	8.4 Hz
Characteristic outer ring frequency, BPF0	10.2 Hz
Characteristic inner ring frequency, BRFI	12.8 Hz
ra max	3.5 mm
r1a max	3.3 mm