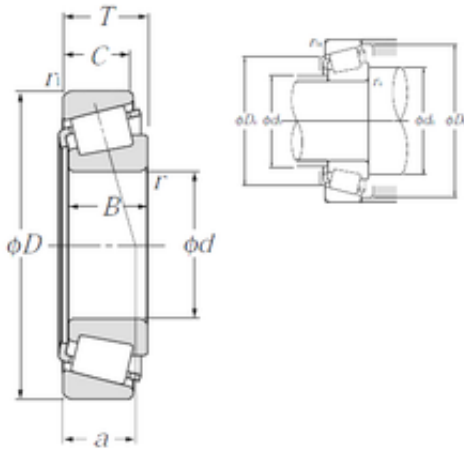




## NTN Driveshaft CORP.

### 25 mm x 50,005 mm x 14,26 mm NTN 4T-07097/07196 tapered roller bearings



Bearing No. 4T-07097/07196

4T-07097/07196 Bearing 2D drawings and 3D CAD models

Size	25x50.005x13.495 mm
Bore Diameter	25 mm
Outer Diameter	50,005 mm
Width	13,495 mm
d	25 mm
D	50,005 mm
T	13,495 mm
B	14,26 mm
C	9,525 mm
ra1 max.	1 mm
a	3 mm
Da	44,5 mm
db	29 mm
ra max.	1,5 mm
da	31 mm
Db	47 mm
Weight	0,118 Kg
Basic dynamic load rating (C)	26 kN
Basic static load rating (C0)	27,9 kN
(Grease) Lubrication Speed	7 500 r/min
(Oil) Lubrication Speed	10 000 r/min
Calculation factor (e)	0,4
Calculation factor (Y0)	0,82
d1	37.5 mm
e	0.4



## NTN Driveshaft CORP.

Y2	1.49
Y0	0.82
Mass	0.12 kg
Dynamic load, C	26 kN
Rating life coefficient, A2	1.4
Static load, C0	27.9 kN
Fatigue limit load, Cu	3.4 kN
Nlim (oil)	10,000 rpm
Nlim (grease)	7,500 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	6.31 Hz
Characteristic outer ring frequency, BPF0	7.23 Hz
Characteristic inner ring frequency, BRFI	9.77 Hz
ra max	1.5 mm
r1a max	1 mm