



**Bearing No. 4T-07098/07196**

e	0.4
d	24,981 mm
D	50,005 mm
T	13,495 mm
B	14,26 mm
C	9,525 mm
a	3 mm
db	29 mm
Y2	1.49
Y0	0.82
Db	47 mm
da	31 mm
Da	44,5 mm
d1	37.5 mm
Mass	0.12 kg
Weight	0,118 Kg
ra max	1.5 mm
ra max.	1,5 mm
r1a max	1 mm
ra1 max.	1 mm
Size (mm)	24.981x50.005x13.495
Width (mm)	13,495
Nlim (oil)	10,000 rpm
Nlim (grease)	7,500 rpm
Bearing number	4T-07098/07196
Static load, C0	27.9 kN
Dynamic load, C	26 kN
Bore Diameter (mm)	24,981
Outer Diameter (mm)	50,005
Calculation factor (e)	0,4

Fatigue limit load, Cu	3.4 kN
Calculation factor (Y0)	0,82
(Oil) Lubrication Speed	10 000 r/min
(Grease) Lubrication Speed	7 500 r/min
Rating life coefficient, A2	1.4
Basic dynamic load rating (C)	26 kN
Basic static load rating (C0)	27,9 kN
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic outer ring frequency, BPF0	7.23 Hz
Characteristic inner ring frequency, BRFI	9.77 Hz
Characteristic rolling element frequency, BSF	6.31 Hz