



Bearing No. 4T-619/612

e	0.31
d	50,8 mm
D	120,65 mm
T	41,275 mm
B	41,275 mm
C	31,75 mm
a	14,4 mm
db	61 mm
Y2	1.91
Y0	1.05
Db	110 mm
da	67 mm
Da	105 mm
d1	84 mm
Mass	2.3 kg
Weight	2,3 Kg
ra max	3.5 mm
ra max.	3,5 mm
r1a max	3.3 mm
ra1 max.	3,3 mm
Size (mm)	50.8x120.65x41.275
Width (mm)	41,275
Nlim (oil)	4,400 rpm
Nlim (grease)	3,300 rpm
Bearing number	4T-619/612
Static load, C0	213 kN
Dynamic load, C	172 kN
Bore Diameter (mm)	50,8
Outer Diameter (mm)	120,65
Calculation factor (e)	0,31

Fatigue limit load, Cu	26 kN
Calculation factor (Y0)	1,05
(Oil) Lubrication Speed	4 400 r/min
(Grease) Lubrication Speed	3 300 r/min
Rating life coefficient, A2	1.4
Basic dynamic load rating (C)	172 kN
Basic static load rating (C0)	213 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	6.22 Hz
Characteristic inner ring frequency, BRFI	8.78 Hz
Characteristic rolling element frequency, BSF	5.57 Hz