



Bearing No. 4T-LM501349/LM501310

e	0.4
d	41,275 mm
D	73,431 mm
T	19,558 mm
B	19,812 mm
C	14,732 mm
a	3,3 mm
db	46,5 mm
Y2	1.5
Y0	0.83
Db	70 mm
da	53 mm
Da	67 mm
d1	57 mm
Mass	0.34 kg
Weight	0,335 Kg
ra max	3.5 mm
ra max.	3,5 mm
r1a max	0.8 mm
ra1 max.	0,8 mm
Size (mm)	41.275x73.431x19.558
Width (mm)	19,558
Nlim (oil)	6,600 rpm
Nlim (grease)	5,000 rpm
Bearing number	4T-LM501349/LM501310
Static load, C0	69.5 kN
Dynamic load, C	56 kN
Bore Diameter (mm)	41,275
Outer Diameter (mm)	73,431

Calculation factor (e)	0,4
Fatigue limit load, Cu	8.5 kN
Calculation factor (Y0)	0,83
(Oil) Lubrication Speed	6 600 r/min
(Grease) Lubrication Speed	5 000 r/min
Rating life coefficient, A2	1.4
Basic dynamic load rating (C)	56 kN
Basic static load rating (C0)	69,5 kN
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic outer ring frequency, BPF0	8.68 Hz
Characteristic inner ring frequency, BPFI	11.32 Hz
Characteristic rolling element frequency, BSF	7.18 Hz