



Bearing No. 4T-LM503349A/LM503310

e	0.4
d	45,987 mm
D	74,976 mm
T	18 mm
B	18 mm
C	14 mm
a	1,9 mm
Da	67 mm
Db	71 mm
Y2	1.49
Y0	0.82
db	51 mm
da	57 mm
Mass	0.29 kg
Weight	0,296 Kg
rs min	3.5 mm
ra max	3.5 mm
r1s min	1.5 mm
r1a max	1.5 mm
ra1 max.	1,5 mm
Size (mm)	45.987x74.976x18
Nlim (oil)	6,300 rpm
Width (mm)	18
Nlim (grease)	4,700 rpm
Bearing number	4T-LM503349A/LM503310
Dynamic load, C	51 kN
Static load, C0	71 kN
Bore Diameter (mm)	45,987
Outer Diameter (mm)	74,976

Calculation factor (e)	0,4
(Oil) Lubrication Speed	6 300 r/min
Calculation factor (Y0)	0,82
(Grease) Lubrication Speed	4 700 r/min
Rating life coefficient, A2	1.4
Basic static load rating (C0)	71 kN
Basic dynamic load rating (C)	51 kN
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic outer ring frequency, BPF0	11.19 Hz
Characteristic inner ring frequency, BRFI	13.81 Hz
Characteristic rolling element frequency, BSF	9.07 Hz