



Bearing No. 4T-12175/12303

a	17.66 mm
e	0.51
d	44,45 mm
D	76,992 mm
T	17,462 mm
B	17,145 mm
C	11,908 mm
d1	61 mm
Y2	1.19
Y0	0.65
Db	73 mm
da	52 mm
Da	68 mm
db	49,5 mm
a -	0,2 mm
Mass	0.31 kg
Weight	0,308 Kg
ra max	1.5 mm
ra max.	1,5 mm
r1a max	1.5 mm
ra1 max.	1,5 mm
Size (mm)	44.45x76.992x17.462
Nlim (oil)	6,300 rpm
Width (mm)	17,462
Nlim (grease)	4,700 rpm
Bearing number	4T-12175/12303
Static load, C0	54 kN
Dynamic load, C	44 kN
Bore Diameter (mm)	44,45
Outer Diameter (mm)	76,992

Fatigue limit load, Cu	6.6 kN
Calculation factor (e)	0,51
(Oil) Lubrication Speed	6 300 r/min
Calculation factor (Y0)	0,65
(Grease) Lubrication Speed	4 700 r/min
Rating life coefficient, A2	1.4
Basic static load rating (C0)	54 kN
Basic dynamic load rating (C)	44 kN
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic outer ring frequency, BPF0	8.85 Hz
Characteristic inner ring frequency, BRFI	11.15 Hz
Characteristic rolling element frequency, BSF	8.12 Hz