



**Bearing No. 4T-42375/42584**

a	31.58 mm
e	0.49
d	95,25 mm
D	148,43 mm
T	28,575 mm
B	28,971 mm
C	21,433 mm
d1	122.4 mm
Y2	1.22
Y0	0.67
Db	142 mm
da	108 mm
Da	134 mm
db	103 mm
a -	3 mm
Mass	1.75 kg
Weight	1,75 Kg
ra max	3 mm
ra max.	3 mm
r1a max	3 mm
ra1 max.	3 mm
Size (mm)	95.25x148.43x28.575
Nlim (oil)	3,100 rpm
Width (mm)	28,575
Nlim (grease)	2,300 rpm
Bearing number	4T-42375/42584
Static load, C0	215 kN
Dynamic load, C	138 kN
Bore Diameter (mm)	95,25
Outer Diameter (mm)	148,43

Fatigue limit load, Cu	24.7 kN
Calculation factor (e)	0,49
(Oil) Lubrication Speed	3 100 r/min
Calculation factor (Y0)	0,67
(Grease) Lubrication Speed	2 300 r/min
Rating life coefficient, A2	1.4
Basic static load rating (C0)	215 kN
Basic dynamic load rating (C)	138 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	11.81 Hz
Characteristic inner ring frequency, BRFI	14.19 Hz
Characteristic rolling element frequency, BSF	10.26 Hz