



Bearing No. 4T-685/672

e	0.47
d	98,425 mm
D	168,275 mm
T	41,275 mm
B	41,275 mm
C	30,162 mm
a	3 mm
db	109 mm
Y2	1.28
Y0	0.7
Db	160 mm
da	116 mm
Da	149 mm
d1	133.5 mm
Mass	3.56 kg
Weight	3,56 Kg
ra max	3.5 mm
ra max.	3,5 mm
r1a max	3.3 mm
ra1 max.	3,3 mm
Size (mm)	98.425x168.275x41.275
Width (mm)	41,275
Nlim (oil)	2,800 rpm
Nlim (grease)	2,100 rpm
Bearing number	4T-685/672
Static load, C0	340 kN
Dynamic load, C	222 kN
Bore Diameter (mm)	98,425
Outer Diameter (mm)	168,275
Calculation factor (e)	0,47

Fatigue limit load, Cu	38.1 kN
Calculation factor (Y0)	0,7
(Oil) Lubrication Speed	2 800 r/min
(Grease) Lubrication Speed	2 100 r/min
Rating life coefficient, A2	1.4
Basic dynamic load rating (C)	222 kN
Basic static load rating (C0)	340 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	10.26 Hz
Characteristic inner ring frequency, BPFI	12.74 Hz
Characteristic rolling element frequency, BSF	8.76 Hz