



Bearing No. 4T-99550/99100

e	0.41
d	139,7 mm
D	254 mm
T	66,675 mm
B	66,675 mm
C	47,625 mm
a	12,1 mm
db	156 mm
Y2	1.47
Y0	0.81
Db	238 mm
da	170 mm
Da	227 mm
d1	200.5 mm
Mass	14.3 kg
Weight	14,3 Kg
ra max	7 mm
ra max.	7 mm
r1a max	3.3 mm
ra1 max.	3,3 mm
Size (mm)	139.7x254x66.675
Width (mm)	66,675
Nlim (oil)	1,800 rpm
Nlim (grease)	1,400 rpm
Bearing number	4T-99550/99100
Static load, C0	910 kN
Dynamic load, C	550 kN
Bore Diameter (mm)	139,7
Outer Diameter (mm)	254
Calculation factor (e)	0,41

Fatigue limit load, Cu	90 kN
Calculation factor (Y0)	0,81
(Oil) Lubrication Speed	1 800 r/min
(Grease) Lubrication Speed	1 400 r/min
Rating life coefficient, A2	1.4
Basic dynamic load rating (C)	550 kN
Basic static load rating (C0)	910 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	10.2 Hz
Characteristic inner ring frequency, BRFI	12.8 Hz
Characteristic rolling element frequency, BSF	8.42 Hz