



Bearing No. 4T-HM903245/HM903210

a	31.36 mm
e	0.74
d	41,275 mm
D	95,25 mm
T	30,958 mm
B	28,575 mm
C	22,225 mm
d1	71.5 mm
Y2	0.81
Y0	0.45
Db	91 mm
da	63 mm
Da	81 mm
db	54 mm
a -	0,4 mm
Mass	1.05 kg
Weight	1,05 Kg
ra max	3.5 mm
ra max.	3,5 mm
r1a max	0.8 mm
ra1 max.	0,8 mm
Size (mm)	41.275x95.25x30.958
Nlim (oil)	4,900 rpm
Width (mm)	30,958
Nlim (grease)	3,700 rpm
Bearing number	4T- HM903245/HM903210
Static load, C0	116 kN
Dynamic load, C	96 kN
Bore Diameter (mm)	41,275

Outer Diameter (mm)	95,25
Fatigue limit load, Cu	14.1 kN
Calculation factor (e)	0,74
(Oil) Lubrication Speed	4 900 r/min
Calculation factor (Y0)	0,45
(Grease) Lubrication Speed	3 700 r/min
Rating life coefficient, A2	1.4
Basic static load rating (C0)	116 kN
Basic dynamic load rating (C)	96 kN
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic outer ring frequency, BPF0	6.82 Hz
Characteristic inner ring frequency, BRFI	9.18 Hz
Characteristic rolling element frequency, BSF	5.93 Hz