



Bearing No. 4T-JM207049/JM207010

e	0.33
d	55 mm
D	95 mm
T	29 mm
B	29 mm
C	23,5 mm
a	7,6 mm
db	62 mm
Y2	1.79
Y0	0.99
Db	91 mm
da	64 mm
Da	85 mm
d1	74.5 mm
Mass	0.82 kg
Weight	0,82 Kg
ra max	1.5 mm
ra max.	1,5 mm
r1a max	2.5 mm
ra1 max.	2,5 mm
Size (mm)	55x95x29
Width (mm)	29
Nlim (oil)	5,100 rpm
Nlim (grease)	3,800 rpm
Bearing number	4T- JM207049/JM207010
Static load, C0	144 kN
Dynamic load, C	107 kN
Bore Diameter (mm)	55
Outer Diameter (mm)	95

Calculation factor (e)	0,33
Fatigue limit load, Cu	17.6 kN
Calculation factor (Y0)	0,99
(Oil) Lubrication Speed	5 100 r/min
(Grease) Lubrication Speed	3 800 r/min
Rating life coefficient, A2	1.4
Basic dynamic load rating (C)	107 kN
Basic static load rating (C0)	144 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	8.24 Hz
Characteristic inner ring frequency, BRFI	10.76 Hz
Characteristic rolling element frequency, BSF	7.22 Hz