



**Bearing No. 4T-T7FC050**

B	29 mm
C	22 mm
e	0.87
d	50 mm
D	105 mm
T	32 mm
a	36,5 mm
Sa	4 mm
Sb	10 mm
Y2	0.69
Y0	0.38
d1	80 mm
Mass	1.23 kg
Weight	1,23 Kg
Ca min	4 mm
Db min	100 mm
da max	60 mm
Da max	91 mm
rs min	3 mm
Da min	78 mm
db min	64 mm
r min.	3 mm
Cb min	10 mm
ra max	2.5 mm
r1s min	3 mm
r1a max	2.5 mm
Db min.	100 mm
ra max.	2,5 mm
db max.	60 mm
Da max.	91 mm

da min.	64 mm
r1 min.	3 mm
ra1 max.	2,5 mm
Size (mm)	50x105x32
Nlim (oil)	4,500 rpm
Width (mm)	32
Nlim (grease)	3,400 rpm
Bearing number	4T-T7FC050
Dynamic load, C	107 kN
Static load, C0	132 kN
ISO 355 reference	T7FC050
Bore Diameter (mm)	50
Outer Diameter (mm)	105
Calculation factor (e)	0,87
Fatigue limit load, Cu	16.1 kN
Calculation factor (Y0)	0,38
(Oil) Lubrication Speed	4 500 r/min
(Grease) Lubrication Speed	3 400 r/min
Rating life coefficient, A2	1.4
Basic static load rating (C0)	132 kN
Basic dynamic load rating (C)	107 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic inner ring frequency, BPF1	9.67 Hz
Characteristic outer ring frequency, BPF0	7.33 Hz
Characteristic rolling	6.18 Hz

element frequency, BSF	
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