



Bearing No. 4T-T7FC070

B	35,5 mm
C	27 mm
e	0.87
d	70 mm
D	140 mm
T	39 mm
a	47,5 mm
Sa	5 mm
Sb	12 mm
Y2	0.69
Y0	0.38
d1	109 mm
Mass	2.61 kg
Weight	2,61 Kg
Ca min	5 mm
Db min	135 mm
da max	82 mm
Da max	126 mm
rs min	3 mm
Da min	106 mm
db min	84 mm
r min.	3 mm
Cb min	12 mm
ra max	2.5 mm
r1s min	3 mm
r1a max	2.5 mm
Db min.	135 mm
ra max.	2,5 mm
db max.	82 mm
Da max.	126 mm

da min.	84 mm
r1 min.	3 mm
ra1 max.	2,5 mm
Size (mm)	70x140x39
Nlim (oil)	3,200 rpm
Width (mm)	39
Nlim (grease)	2,400 rpm
Bearing number	4T-T7FC070
Dynamic load, C	173 kN
Static load, C0	231 kN
ISO 355 reference	T7FC070
Bore Diameter (mm)	70
Outer Diameter (mm)	140
Calculation factor (e)	0,87
Fatigue limit load, Cu	27.9 kN
Calculation factor (Y0)	0,38
(Oil) Lubrication Speed	3 200 r/min
(Grease) Lubrication Speed	2 400 r/min
Rating life coefficient, A2	1.4
Basic static load rating (C0)	231 kN
Basic dynamic load rating (C)	173 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic inner ring frequency, BPF1	10.14 Hz
Characteristic outer ring frequency, BPF0	7.86 Hz
Characteristic rolling	6.74 Hz

element frequency, BSF	
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