



**Bearing No. 4T-30302**

B	13 mm
e	0.29
d	15 mm
D	42 mm
T	14,25 mm
C	11 mm
a	9,5 mm
Y2	2.11
Sa	2 mm
d1	28 mm
Y0	1.16
Sb	3 mm
Mass	0.1 kg
ra max	1 mm
Weight	0,098 Kg
Ca min	2 mm
Db min	38 mm
r min.	1 mm
Da max	36.5 mm
rs min	1 mm
Da min	35 mm
Cb min	3 mm
db min	20.5 mm
da max	22 mm
r1s min	1 mm
ra max.	1 mm
r1a max	1 mm
Db min.	38 mm
db max.	22 mm
Da max.	36,5 mm

da min.	20,5 mm
r1 min.	1 mm
ra1 max.	1 mm
Category	Roller Bearings
Size (mm)	15x42x14.25
Inventory	0.0
Nlim (oil)	13,000 rpm
Width (mm)	14,25
Nlim (grease)	9,900 rpm
Product Group	B04334
Bearing number	4T-30302
Static load, C0	20.8 kN
Dynamic load, C	23.2 kN
ISO 355 reference	T2FB015
Weight / Kilogram	0
Manufacturer Name	NTN
Bore Diameter (mm)	15
Outer Diameter (mm)	42
Minimum Buy Quantity	N/A
Calculation factor (e)	0,29
Fatigue limit load, Cu	2.55 kN
(Oil) Lubrication Speed	13 000 r/min
Calculation factor (Y0)	1,16
(Grease) Lubrication Speed	9 900 r/min
Rating life coefficient, A2	1.4
Basic static load rating (C0)	20,8 kN
Basic dynamic load rating (C)	23,2 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C

Characteristic cage frequency, FTF	0.39 Hz
Characteristic inner ring frequency, BPF1	7.35 Hz
Characteristic outer ring frequency, BPF0	4.65 Hz
Characteristic rolling element frequency, BSF	4.14 Hz