



Bearing No. 4T-30311

B	29 mm
e	0.35
d	55 mm
D	120 mm
T	31,5 mm
C	25 mm
a	24,5 mm
Y2	1.74
Sa	4 mm
d1	85.5 mm
Y0	0.96
Sb	6,5 mm
Mass	1.66 kg
ra max	2 mm
Weight	1,66 Kg
Ca min	4 mm
Db min	111 mm
r min.	2,5 mm
Da max	110 mm
rs min	2.5 mm
Da min	104 mm
Cb min	6.5 mm
db min	67 mm
da max	71 mm
r1s min	2 mm
ra max.	2 mm
r1a max	2 mm
Db min.	111 mm
db max.	71 mm
Da max.	110 mm

da min.	67 mm
r1 min.	2 mm
ra1 max.	2 mm
Category	Roller Bearings
Size (mm)	55x120x31.5
Inventory	0.0
Nlim (oil)	4,400 rpm
Width (mm)	31,5
Nlim (grease)	3,300 rpm
Product Group	B04334
Bearing number	4T-30311
Static load, C0	179 kN
Dynamic load, C	155 kN
ISO 355 reference	T2FB055
Weight / Kilogram	0
Manufacturer Name	NTN
Bore Diameter (mm)	55
Outer Diameter (mm)	120
Minimum Buy Quantity	N/A
Calculation factor (e)	0,35
Fatigue limit load, Cu	21.8 kN
(Oil) Lubrication Speed	4 400 r/min
Calculation factor (Y0)	0,96
(Grease) Lubrication Speed	3 300 r/min
Rating life coefficient, A2	1.4
Basic static load rating (C0)	179 kN
Basic dynamic load rating (C)	155 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C

Characteristic cage frequency, FTF	0.41 Hz
Characteristic inner ring frequency, BPI	9.43 Hz
Characteristic outer ring frequency, BPO	6.57 Hz
Characteristic rolling element frequency, BSF	5.27 Hz