



Bearing No. 4T-32211

B	25 mm
e	0.4
d	55 mm
D	100 mm
T	26,75 mm
C	21 mm
a	22,5 mm
Y2	1.48
Sa	4 mm
d1	76 mm
Y0	0.81
Sb	5,5 mm
Mass	0.88 kg
ra max	2 mm
Weight	0,876 Kg
Ca min	4 mm
Db min	95 mm
r min.	2 mm
Da max	91.5 mm
rs min	2 mm
Da min	87 mm
Cb min	5.5 mm
db min	65 mm
da max	63 mm
r1s min	1.5 mm
ra max.	2 mm
r1a max	1.5 mm
Db min.	95 mm
db max.	63 mm
Da max.	91,5 mm

da min.	65 mm
r1 min.	1,5 mm
ra1 max.	1,5 mm
Category	Roller Bearings
Size (mm)	55x100x26.75
Inventory	0.0
Nlim (oil)	4,900 rpm
Width (mm)	26,75
Nlim (grease)	3,600 rpm
Product Group	B04334
Bearing number	4T-32211
Static load, C0	134 kN
Dynamic load, C	108 kN
ISO 355 reference	T3DC055
Weight / Kilogram	0
Manufacturer Name	NTN
Bore Diameter (mm)	55
Outer Diameter (mm)	100
Minimum Buy Quantity	N/A
Calculation factor (e)	0,4
Fatigue limit load, Cu	16.3 kN
(Oil) Lubrication Speed	4 900 r/min
Calculation factor (Y0)	0,81
(Grease) Lubrication Speed	3 600 r/min
Rating life coefficient, A2	1.4
Basic static load rating (C0)	134 kN
Basic dynamic load rating (C)	108 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C

Characteristic cage frequency, FTF	0.43 Hz
Characteristic inner ring frequency, BPI	10.91 Hz
Characteristic outer ring frequency, BPO	8.09 Hz
Characteristic rolling element frequency, BSF	6.36 Hz