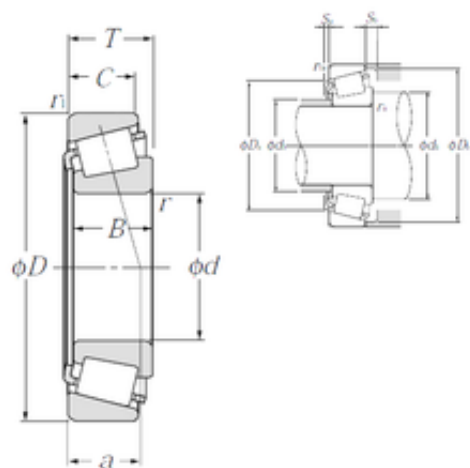




Bearing No. 4T-32011X

B	23 mm
e	0.41
d	55 mm
D	90 mm
T	23 mm
C	17,5 mm
a	20 mm
Y2	1.48
Sa	4 mm
d1	74 mm
Y0	0.81
Sb	5,5 mm
Mass	0.56 kg
ra max	1.5 mm
Weight	0,563 Kg
Ca min	4 mm
Db min	86 mm
r min.	1,5 mm
Da max	81.5 mm
rs min	1.5 mm
Da min	81 mm
Cb min	5.5 mm
db min	63.5 mm
da max	63 mm
r1s min	1.5 mm
ra max.	1,5 mm
r1a max	1.5 mm
Db min.	86 mm
db max.	63 mm
Da max.	81,5 mm

da min.	63,5 mm
r1 min.	1,5 mm
ra1 max.	1,5 mm
Category	Roller Bearings
Size (mm)	55x90x23
Inventory	12.0
Nlim (oil)	5,400 rpm
Width (mm)	23
Nlim (grease)	4,000 rpm
Product Group	B04334
Bearing number	4T-32011X
Static load, C0	118 kN
Dynamic load, C	80.5 kN
ISO 355 reference	T3CC055
Weight / Kilogram	0
Manufacturer Name	NTN
Bore Diameter (mm)	55
Outer Diameter (mm)	90
Minimum Buy Quantity	N/A
Calculation factor (e)	0,41
Fatigue limit load, Cu	14.4 kN
(Oil) Lubrication Speed	5 400 r/min
Calculation factor (Y0)	0,81
(Grease) Lubrication Speed	4 000 r/min
Rating life coefficient, A2	1.4
Basic static load rating (C0)	118 kN
Basic dynamic load rating (C)	80,5 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C

Characteristic cage frequency, FTF	0.45 Hz
Characteristic inner ring frequency, BPFI	13.84 Hz
Characteristic outer ring frequency, BPF0	11.16 Hz
Characteristic rolling element frequency, BSF	8.93 Hz