



Bearing No. 32311U

B	43 mm
e	0.35
d	55 mm
D	120 mm
T	45,5 mm
C	35 mm
a	30,5 mm
Y2	1.74
Sa	4 mm
d1	85.5 mm
Y0	0.96
Sb	10,5 mm
Mass	2.44 kg
ra max	2 mm
Weight	2,44 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	99 mm
Cb min	10.5 mm
db min	67 mm
da max	68 mm
r1s min	2 mm
ra max.	2 mm
r1a max	2 mm
Db min.	111 mm
db max.	68 mm
Da max.	110 mm

da min.	67 mm
r1 min.	2 mm
ra1 max.	2 mm
Category	Bearings
Size (mm)	55x120x45.5
Inventory	0.0
Nlim (oil)	4,400 rpm
Width (mm)	45,5
Nlim (grease)	3,300 rpm
Product Group	B04334
Bearing number	32311U
Static load, C0	275 kN
Dynamic load, C	215 kN
ISO 355 reference	T2FD055
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	33.5 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
Basic static load rating (C0)	275 kN
Basic dynamic load rating (C)	215 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	5.28 Hz