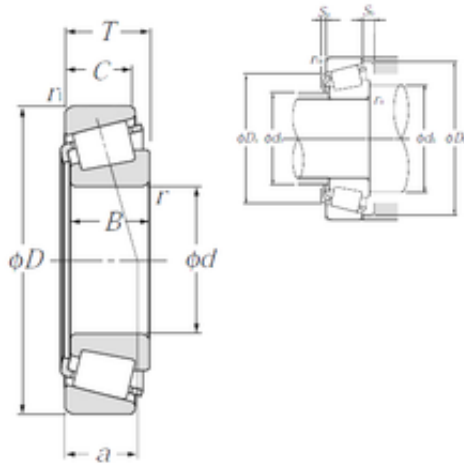




LY?MANUFACTURING CO.,LTD.

NTN 32311U tapered roller bearings



Bearing No. 32311U

Size	55x120x45.5 mm
Bore Diameter	55 mm
Outer Diameter	120 mm
Width	45,5 mm
d	55 mm
D	120 mm
T	45,5 mm
B	43 mm
C	35 mm
ra1 max.	2 mm
a	30,5 mm
r min.	2,5 mm
r1 min.	2 mm
da min.	67 mm
Da min	99 mm
Da max.	110 mm
db max.	68 mm
Db min.	111 mm
ra max.	2 mm
Sa	4 mm
Sb	10,5 mm
Weight	2,44 Kg
Basic dynamic load rating (C)	215 kN
Basic static load rating (C0)	275 kN
(Grease) Lubrication Speed	3 300 r/min
(Oil) Lubrication Speed	4 400 r/min

32311U Bearing 2D drawings and 3D CAD models



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Calculation factor (e)	0,35
Calculation factor (Y0)	0,96
d1	85.5 mm
rs min	2.5 mm
r1s min	2 mm
e	0.35
Y2	1.74
Y0	0.96
Mass	2.44 kg
ISO 355 reference	T2FD055
Dynamic load, C	215 kN
Rating life coefficient, A2	1
Static load, C0	275 kN
Fatigue limit load, Cu	33.5 kN
Nlim (oil)	4,400 rpm
Nlim (grease)	3,300 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.28 Hz
Characteristic outer ring frequency, BPF0	6.57 Hz
Characteristic inner ring frequency, BRFI	9.43 Hz
da max	68 mm
db min	67 mm
Da max	110 mm
Db min	111 mm
Ca min	4 mm
Cb min	10.5 mm



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ra max	2 mm
r1a max	2 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0
EAN	4547359003093
Product Group	B04334