



**Bearing No. 32312U**

B	46 mm
e	0.35
d	60 mm
D	130 mm
T	48,5 mm
C	37 mm
a	32 mm
Y2	1.74
Sa	4 mm
d1	93 mm
Y0	0.96
Sb	11,5 mm
Mass	3.02 kg
ra max	2.5 mm
Weight	3,02 Kg
Ca min	4 mm
Db min	120 mm
r min.	3 mm
Da max	118 mm
rs min	3 mm
Da min	107 mm
Cb min	11.5 mm
db min	74 mm
da max	74 mm
r1s min	2.5 mm
ra max.	2,5 mm
r1a max	2 mm
Db min.	120 mm
db max.	74 mm
Da max.	118 mm

da min.	74 mm
r1 min.	2,5 mm
ra1 max.	2 mm
Category	Roller Bearings
Size (mm)	60x130x48.5
Inventory	2.0
Nlim (oil)	4,000 rpm
Width (mm)	48,5
Nlim (grease)	3,000 rpm
Product Group	B04334
Bearing number	32312U
Static load, C0	315 kN
Dynamic load, C	244 kN
ISO 355 reference	T2FD060
Weight / Kilogram	3.018
Manufacturer Name	NTN
Bore Diameter (mm)	60
Outer Diameter (mm)	130
Minimum Buy Quantity	N/A
Calculation factor (e)	0,35
Fatigue limit load, Cu	38.4 kN
(Oil) Lubrication Speed	4 000 r/min
Calculation factor (Y0)	0,96
(Grease) Lubrication Speed	3 000 r/min
Rating life coefficient, A2	1
Basic static load rating (C0)	315 kN
Basic dynamic load rating (C)	244 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