



Bearing No. 32313U

B	48 mm
e	0.35
d	65 mm
D	140 mm
T	51 mm
C	39 mm
a	34,5 mm
Y2	1.74
Sa	4 mm
d1	100.5 mm
Y0	0.96
Sb	12 mm
Mass	3.66 kg
ra max	2.5 mm
Weight	3,66 Kg
Ca min	4 mm
Db min	130 mm
r min.	3 mm
Da max	128 mm
rs min	3 mm
Da min	117 mm
Cb min	12 mm
db min	79 mm
da max	80 mm
r1s min	2.5 mm
ra max.	2,5 mm
r1a max	2 mm
Db min.	130 mm
db max.	80 mm
Da max.	128 mm

da min.	79 mm
r1 min.	2,5 mm
ra1 max.	2 mm
Category	Bearings
Size (mm)	65x140x51
Inventory	0.0
Nlim (oil)	3,700 rpm
Width (mm)	51
Nlim (grease)	2,800 rpm
Product Group	B04334
Bearing number	32313U
Static load, C0	350 kN
Dynamic load, C	273 kN
ISO 355 reference	T2GD065
Weight / Kilogram	0
Manufacturer Name	NTN
Bore Diameter (mm)	65
Outer Diameter (mm)	140
Minimum Buy Quantity	N/A
Calculation factor (e)	0,35
Fatigue limit load, Cu	42.3 kN
(Oil) Lubrication Speed	3 700 r/min
Calculation factor (Y0)	0,96
(Grease) Lubrication Speed	2 800 r/min
Rating life coefficient, A2	1
Basic static load rating (C0)	350 kN
Basic dynamic load rating (C)	273 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C

Characteristic cage frequency, FTF	0.41 Hz
Characteristic inner ring frequency, BPF1	9.43 Hz
Characteristic outer ring frequency, BPF0	6.57 Hz
Characteristic rolling element frequency, BSF	5.27 Hz