



Bearing No. 32310U

B	40 mm
e	0.35
d	50 mm
D	110 mm
T	42,25 mm
C	33 mm
a	28,5 mm
Y2	1.74
Sa	3 mm
d1	78.5 mm
Y0	0.96
Sb	9 mm
Mass	1.92 kg
ra max	2 mm
Weight	1,92 Kg
Ca min	3 mm
Db min	102 mm
r min.	2,5 mm
Da max	100 mm
rs min	2.5 mm
Da min	90 mm
Cb min	9 mm
db min	62 mm
da max	62 mm
r1s min	2 mm
ra max.	2 mm
r1a max	2 mm
Db min.	102 mm
db max.	62 mm
Da max.	100 mm

da min.	62 mm
r1 min.	2 mm
ra1 max.	2 mm
Category	Bearings
Size (mm)	50x110x42.25
Inventory	0.0
Nlim (oil)	4,800 rpm
Width (mm)	42,25
Nlim (grease)	3,600 rpm
Product Group	B04334
Bearing number	32310U
Static load, C0	232 kN
Dynamic load, C	184 kN
ISO 355 reference	T2FD050
Weight / Kilogram	0
Manufacturer Name	NTN
Bore Diameter (mm)	50
Outer Diameter (mm)	110
Minimum Buy Quantity	N/A
Calculation factor (e)	0,35
Fatigue limit load, Cu	28.3 kN
(Oil) Lubrication Speed	4 800 r/min
Calculation factor (Y0)	0,96
(Grease) Lubrication Speed	3 600 r/min
Rating life coefficient, A2	1
Basic static load rating (C0)	232 kN
Basic dynamic load rating (C)	184 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