



**Bearing No. 33215U**

B	41 mm
e	0.43
d	75 mm
D	130 mm
T	41 mm
C	31 mm
a	32 mm
Y2	1.4
Sa	7 mm
d1	102.5 mm
Y0	0.77
Sb	10 mm
Mass	2.2 kg
ra max	2 mm
Weight	2,2 Kg
Ca min	7 mm
Db min	125 mm
r min.	2 mm
Da max	121.5 mm
rs min	2 mm
Da min	111 mm
Cb min	10 mm
db min	85 mm
da max	83 mm
r1s min	1.5 mm
ra max.	2 mm
r1a max	1.5 mm
Db min.	125 mm
db max.	83 mm
Da max.	121,5 mm

da min.	85 mm
r1 min.	1,5 mm
ra1 max.	1,5 mm
Category	Bearings
Size (mm)	75x130x41
Inventory	0.0
Nlim (oil)	3,600 rpm
Width (mm)	41
Nlim (grease)	2,700 rpm
Product Group	B04334
Bearing number	33215U
Static load, C0	298 kN
Dynamic load, C	208 kN
ISO 355 reference	T3EE075
Weight / Kilogram	0
Manufacturer Name	NTN
Bore Diameter (mm)	75
Outer Diameter (mm)	130
Minimum Buy Quantity	N/A
Calculation factor (e)	0,43
Fatigue limit load, Cu	36.1 kN
(Oil) Lubrication Speed	3 600 r/min
Calculation factor (Y0)	0,77
(Grease) Lubrication Speed	2 700 r/min
Rating life coefficient, A2	1
Basic static load rating (C0)	298 kN
Basic dynamic load rating (C)	208 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C

Characteristic cage frequency, FTF	0.43 Hz
Characteristic inner ring frequency, BPF1	11.35 Hz
Characteristic outer ring frequency, BPF0	8.65 Hz
Characteristic rolling element frequency, BSF	7.01 Hz