



Bearing No. 32217U

B	36 mm
e	0.42
d	85 mm
D	150 mm
T	38,5 mm
C	30 mm
a	33,5 mm
Y2	1.43
Sa	5 mm
d1	115 mm
Y0	0.79
Sb	8,5 mm
Mass	2.75 kg
ra max	2 mm
Weight	2,75 Kg
Ca min	5 mm
Db min	142 mm
r min.	2,5 mm
Da max	140 mm
rs min	2.5 mm
Da min	130 mm
Cb min	8.5 mm
db min	97 mm
da max	96 mm
r1s min	2 mm
ra max.	2 mm
r1a max	2 mm
Db min.	142 mm
db max.	96 mm
Da max.	140 mm

da min.	97 mm
r1 min.	2 mm
ra1 max.	2 mm
Category	Bearings
Size (mm)	85x150x38.5
Inventory	0.0
Nlim (oil)	3,200 rpm
Width (mm)	38,5
Nlim (grease)	2,400 rpm
Product Group	B04334
Bearing number	32217U
Static load, C0	300 kN
Dynamic load, C	224 kN
ISO 355 reference	T3EC085
Weight / Kilogram	0
Manufacturer Name	NTN
Bore Diameter (mm)	85
Outer Diameter (mm)	150
Minimum Buy Quantity	N/A
Calculation factor (e)	0,42
Fatigue limit load, Cu	34.9 kN
(Oil) Lubrication Speed	3 200 r/min
Calculation factor (Y0)	0,79
(Grease) Lubrication Speed	2 400 r/min
Rating life coefficient, A2	1
Basic static load rating (C0)	300 kN
Basic dynamic load rating (C)	224 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C

Characteristic cage frequency, FTF	0.43 Hz
Characteristic inner ring frequency, BPI	11.42 Hz
Characteristic outer ring frequency, BPO	8.58 Hz
Characteristic rolling element frequency, BSF	6.63 Hz