



Bearing No. 30317DU

B	41 mm
e	0.83
d	85 mm
D	180 mm
T	44,5 mm
C	28 mm
a	56 mm
Y2	0.73
Sa	6 mm
d1	132.5 mm
Y0	0.4
Sb	16,5 mm
Mass	4.85 kg
ra max	3 mm
Weight	4,85 Kg
Ca min	6 mm
Db min	169 mm
r min.	4 mm
Da max	166 mm
rs min	4 mm
Da min	143 mm
Cb min	16.5 mm
db min	103 mm
da max	103 mm
r1s min	3 mm
ra max.	3 mm
r1a max	2.5 mm
Db min.	169 mm
db max.	103 mm
Da max.	166 mm

da min.	103 mm
r1 min.	3 mm
ra1 max.	2,5 mm
Category	Roller Bearings
Size (mm)	85x180x44.5
Inventory	0.0
Nlim (oil)	2,500 rpm
Width (mm)	44,5
Nlim (grease)	1,900 rpm
Product Group	B04334
Bearing number	30317DU
Static load, C0	293 kN
Dynamic load, C	247 kN
ISO 355 reference	T7GB085
Weight / Kilogram	0
Manufacturer Name	NTN
Bore Diameter (mm)	85
Outer Diameter (mm)	180
Minimum Buy Quantity	N/A
Calculation factor (e)	0,83
Fatigue limit load, Cu	32.9 kN
(Oil) Lubrication Speed	2 500 r/min
Calculation factor (Y0)	0,4
(Grease) Lubrication Speed	1 900 r/min
Rating life coefficient, A2	1
Basic static load rating (C0)	293 kN
Basic dynamic load rating (C)	247 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C

Characteristic cage frequency, FTF	0.42 Hz
Characteristic inner ring frequency, BPF1	8.66 Hz
Characteristic outer ring frequency, BPF0	6.34 Hz
Characteristic rolling element frequency, BSF	5.52 Hz