



Bearing No. 33017U

B	36 mm
C	29,5 mm
e	0.29
d	85 mm
D	130 mm
T	36 mm
a	26 mm
Sa	6 mm
Sb	6,5 mm
Y2	2.06
Y0	1.13
d1	108 mm
Mass	1.7 kg
Weight	1,7 Kg
Ca min	6 mm
Db min	125 mm
da max	94 mm
Da max	121.5 mm
rs min	1.5 mm
Da min	118 mm
db min	93.5 mm
r min.	1,5 mm
Cb min	6.5 mm
ra max	1.5 mm
r1s min	1.5 mm
r1a max	1.5 mm
Db min.	125 mm
ra max.	1,5 mm
db max.	94 mm
Da max.	121,5 mm

da min.	93,5 mm
r1 min.	1,5 mm
ra1 max.	1,5 mm
Size (mm)	85x130x36
Nlim (oil)	3,500 rpm
Width (mm)	36
Nlim (grease)	2,600 rpm
Bearing number	33017U
Dynamic load, C	176 kN
Static load, C0	296 kN
ISO 355 reference	T2CE085
Bore Diameter (mm)	85
Outer Diameter (mm)	130
Calculation factor (e)	0,29
Fatigue limit load, Cu	35.3 kN
Calculation factor (Y0)	1,13
(Oil) Lubrication Speed	3 500 r/min
(Grease) Lubrication Speed	2 600 r/min
Rating life coefficient, A2	1
Basic static load rating (C0)	296 kN
Basic dynamic load rating (C)	176 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic inner ring frequency, BPF1	14.83 Hz
Characteristic outer ring frequency, BPF0	12.17 Hz
Characteristic rolling	9.86 Hz

element frequency, BSF	
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