



**Bearing No. 33019U**

B	39 mm
C	32,5 mm
e	0.28
d	95 mm
D	145 mm
T	39 mm
a	28,5 mm
Sa	7 mm
Sb	6,5 mm
Y2	2.16
Y0	1.19
d1	120 mm
Mass	2.27 kg
Weight	2,27 Kg
Ca min	7 mm
Db min	139 mm
da max	104 mm
Da max	136.5 mm
rs min	2 mm
Da min	131 mm
db min	105 mm
r min.	2 mm
Cb min	6.5 mm
ra max	2 mm
r1s min	1.5 mm
r1a max	1.5 mm
Db min.	139 mm
ra max.	2 mm
db max.	104 mm
Da max.	136,5 mm

da min.	105 mm
r1 min.	1,5 mm
ra1 max.	1,5 mm
Size (mm)	95x145x39
Nlim (oil)	3,100 rpm
Width (mm)	39
Nlim (grease)	2,300 rpm
Bearing number	33019U
Dynamic load, C	219 kN
Static load, C0	375 kN
ISO 355 reference	T2CE095
Bore Diameter (mm)	95
Outer Diameter (mm)	145
Calculation factor (e)	0,28
Fatigue limit load, Cu	43.3 kN
Calculation factor (Y0)	1,19
(Oil) Lubrication Speed	3 100 r/min
(Grease) Lubrication Speed	2 300 r/min
Rating life coefficient, A2	1
Basic static load rating (C0)	375 kN
Basic dynamic load rating (C)	219 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	14.85 Hz
Characteristic outer ring frequency, BPF0	12.15 Hz
Characteristic rolling	9.73 Hz

element frequency, BSF	
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