



**Bearing No. 6301EE**

D	37,000 mm
d	12,000 mm
B	12,000 mm
C	12,000 mm
f0	11.1
d1	17.9 mm
D1	31.6 mm
Mass	0.06 kg
Nlim	16,000 rpm
ra max	1 mm
Da max	32 mm
da max	17.9 mm
rs min	1 mm
da min	17 mm
Size (mm)	12x37x12
Width (mm)	12,000
Bearing number	6301EE
Static load, C0	4.2 kN
Dynamic load, C	9.7 kN
Bore Diameter (mm)	12,000
Outer Diameter (mm)	37,000
Fatigue limit load, Cu	0.19 kN
Radial clearance class	CN
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.34 Hz
Characteristic outer ring frequency, BPF0	2.03 Hz

Characteristic inner ring frequency, BPI	3.97 Hz
Characteristic rolling element frequency, BSF	2.76 Hz