



Bearing No. 609ZZ

C	7,000 mm
d	9,000 mm
D	24,000 mm
B	7,000 mm
d1	12.8 mm
D1	20.3 mm
f0	12.8
Nlim	45,000 rpm
Mass	0.01 kg
Nref	28,000 rpm
rs min	0.3 mm
da min	11 mm
da max	12.8 mm
Da max	22 mm
ra max	0.3 mm
Size (mm)	9x24x7
Width (mm)	7,000
Bearing number	609ZZ
Dynamic load, C	3.2 kN
Static load, C0	1.41 kN
Bore Diameter (mm)	9,000
Outer Diameter (mm)	24,000
Fatigue limit load, Cu	0.1 kN
Radial clearance class	CN
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.38 Hz
Characteristic outer ring	2.63 Hz

frequency, BPF0	
Characteristic inner ring frequency, BPF1	4.37 Hz
Characteristic rolling element frequency, BSF	3.78 Hz