

# SIGMA NJ 216 cylindrical roller bearings

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d	8 mm
D	22 mm
B	7 mm
d1	10.7 mm
D1	18 mm
rs min	0.3 mm
Radial clearance class	C3
Mass	0.01 kg
Dynamic load, C	3.15 kN
Static load, C0	1.37 kN
Fatigue limit load, Cu	0.06 kN
f0	12.4
Nref	32,000 rpm
Nlim	46,000 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.37 Hz
Characteristic rolling element frequency, BSF	3.52 Hz
Characteristic outer ring frequency, BPF0	2.57 Hz
Characteristic inner ring frequency, BRFI	4.43 Hz
da min	10 mm

da max	10.7 mm
Da max	20 mm
ra max	0.3 mm