

# NACHI NF 203 cylindrical roller bearings

NACHI NF 203 cylindrical roller bearings 150 mm d 96 mm B  
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d	150 mm
D	270 mm
B	96 mm
D1	236.6 mm
rs min	3 mm
Number of lubrication holes	3
b	13.7 mm
k	6 mm
Associated sleeve reference	H2330
e	0.33
Y1	2.03
Y2	3.02
Y0	1.98
Radial clearance class	C4
Mass	22.8 kg
Dynamic load, C	1,340 kN
Static load, C0	1,620 kN
Fatigue limit load, Cu	107 kN
Nref	1,500 rpm
Nlim	2,200 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	200 °C
Characteristic cage frequency, FTF	0.42 Hz

Characteristic rolling element frequency, BSF	6.18 Hz
Characteristic outer ring frequency, BPF0	7.61 Hz
Characteristic inner ring frequency, BRFI	10.39 Hz
da min	164 mm
Da max	256 mm
ra max	2.5 mm