

# Timken SMN201KB deep groove ball bearings

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D	62 mm
d1	24 mm
C	29 mm
F	30 mm
B	30.5 mm
B1	80 mm
B2	49.5 mm
G	M24X1.5
G1	25 mm
B3	11 mm
C1	0.8 mm
n	8 mm
a	4 mm
e	44 mm
h	8 mm
R	500 mm
Dw	2.48 mm
Lw	23.8 mm
Maximum tightening torque	178 Nm
Bearing with/without cage	Sans
Radial clearance class	CN
Precision class	P0
Mass	0.8 kg

Cr	39.5 kN
C <sub>0r</sub>	98.5 kN
Track load capacity spherical outer ring	6.95 kN
N <sub>lim</sub> (grease)	3,300 rpm
Min operating temperature, T <sub>min</sub>	-20 °C
Max operating temperature, T <sub>max</sub>	120 °C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic rolling element frequency, BSF	13.02 Hz
Characteristic outer ring frequency, BPF <sub>0</sub>	18.94 Hz
Characteristic inner ring frequency, BPF <sub>I</sub>	22.06 Hz