

# NKE 2212-K+H312 self aligning ball bearings

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d	50 mm
D	90 mm
B	20 mm
rs min	1.1 mm
Radial clearance class	C2
Mass	0.45 kg
Dynamic load, C	35 kN
Static load, C <sub>0</sub>	23.2 kN
Fatigue limit load, C <sub>u</sub>	1.05 kN
f <sub>0</sub>	14.4
N <sub>lim</sub> (grease)	7,100 rpm
Min operating temperature, T <sub>min</sub>	-20 °C
Max operating temperature, T <sub>max</sub>	120 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.33 Hz
Characteristic outer ring frequency, BPF <sub>0</sub>	4.09 Hz
Characteristic inner ring frequency, BPF <sub>I</sub>	5.91 Hz
da min	56.5 mm
Da max	83.5 mm
ra max	1 mm