

# ISB 21314 K+AH314 spherical roller bearings

ISB 21314 K+AH314 spherical roller bearings with easy-to-use parts graphics, giving you the ability to 50 mm d check parts availability, pricing, examine remanufactured options.

d	50 mm
D	80 mm
B	16 mm
rs min	1 mm
Radial clearance class	CN
Mass	0.26 kg
Dynamic load, C	21.8 kN
Static load, C <sub>0</sub>	16.6 kN
Fatigue limit load, C <sub>u</sub>	0.75 kN
f <sub>0</sub>	15.5
N <sub>lim</sub> (grease)	5,000 rpm
Min operating temperature, T <sub>min</sub>	-20 °C
Max operating temperature, T <sub>max</sub>	110 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	7.31 Hz
Characteristic outer ring frequency, BPF <sub>0</sub>	6.06 Hz
Characteristic inner ring frequency, BPF <sub>I</sub>	7.94 Hz
da min	55 mm
da max	57.5 mm
Da max	75 mm
ra max	1 mm