

# ISB 23272 K spherical roller bearings

Manufacturers of all are represented in our partial list of clients. Contact Gary 15 mm B for a complete ISB 23272 K spherical roller bearings list of 40 mm d clients and projects.

d	40 mm
D	68 mm
B	15 mm
d1	49.7 mm
d2	47.7 mm
D1	58.3 mm
D2	62.5 mm
a	20.2 mm
Contact angle $\alpha$	25 °
rs min	1 mm
r1s min	0.6 mm
f0	15.6
Precision class	P42
Mass	0.19 kg
Dynamic load, C	20.3 kN
Static load, C0	16 kN
Nlim (oil)	30,400 rpm
Nlim (grease)	18,800 rpm
Preload level	GN
Preload value	0.206 kN
Axial rigidity	136.8 N/ $\mu$ m

Radial rigidity	288.8 N/ $\mu$ m
Min operating temperature, T <sub>min</sub>	-20 °C
Max operating temperature, T <sub>max</sub>	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.69 Hz
Characteristic outer ring frequency, BPF <sub>0</sub>	7.8 Hz
Characteristic inner ring frequency, BRFI	10.2 Hz
d <sub>a min</sub>	45.5 mm
D <sub>a max</sub>	62.5 mm
D <sub>b max</sub>	63.5 mm
r <sub>1a max</sub>	0.6 mm
r <sub>a max</sub>	1 mm
D <sub>6</sub>	50.4 mm