



Bearing No. 7308BGM

D	90,000 mm
d	40,000 mm
B	23,000 mm
C	23,000 mm
a	39 mm
d1	59.5 mm
d2	46.5 mm
D1	71.3 mm
D2	84 mm
Mass	0.63 kg
Nref	7,300 rpm
Nlim	10,000 rpm
Db max	84.5 mm
Da max	81.5 mm
db min	48.5 mm
da min	48.5 mm
ra max	1.5 mm
rs min	1.5 mm
r1a max	1 mm
r1s min	1 mm
Size (mm)	40x90x23
Width (mm)	23,000
Bearing number	7308BGM
Dynamic load, C	44.9 kN
Static load, C0	29.4 kN
Contact angle ?	40 °
Bore Diameter (mm)	40,000
Outer Diameter (mm)	90,000
Radial clearance class	CN
Fatigue limit load, Cu	1.34 kN

Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic inner ring frequency, BPF1	5.97 Hz
Characteristic outer ring frequency, BPF0	4.03 Hz
Characteristic rolling element frequency, BSF	3.79 Hz