



Bearing No. 22213EMKW33

D	120,000 mm
d	65,000 mm
H	31,000 mm
B	31 mm
b	7.8 mm
k	3.5 mm
e	0.24
Y2	4.15
Y1	2.79
D1	107 mm
Y0	2.73
Nlim	6,900 rpm
Nref	5,300 rpm
Mass	1.53 kg
Da max	111 mm
da min	74 mm
ra max	1.5 mm
rs min	1.5 mm
Size (mm)	65x120x31
Width (mm)	31,000
Bearing number	22213EMKW33
Dynamic load, C	217 kN
Static load, C0	212 kN
Bore Diameter (mm)	65,000
Outer Diameter (mm)	120,000
Fatigue limit load, Cu	24.5 kN
Radial clearance class	CN
Number of lubrication holes	3
Associated sleeve reference	H313

Max operating temperature, Tmax	200 °C
Min operating temperature, Tmin	-40 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic outer ring frequency, BPF0	7.17 Hz
Characteristic inner ring frequency, BPF1	9.83 Hz
Characteristic rolling element frequency, BSF	6.18 Hz