



**Bearing No. 22218EMKW33**

D	160,000 mm
d	90,000 mm
H	40,000 mm
B	40 mm
b	10.2 mm
k	4.5 mm
e	0.23
Y2	4.31
Y1	2.9
D1	143.2 mm
Y0	2.83
Nlim	5,100 rpm
Nref	3,900 rpm
Mass	3.3 kg
Da max	149 mm
da min	101 mm
ra max	2 mm
rs min	2 mm
Size (mm)	90x160x40
Width (mm)	40,000
Bearing number	22218EMKW33
Dynamic load, C	384 kN
Static load, C0	398 kN
Bore Diameter (mm)	90,000
Outer Diameter (mm)	160,000
Fatigue limit load, Cu	43.1 kN
Radial clearance class	CN
Number of lubrication holes	3
Associated sleeve reference	H318

Max operating temperature, Tmax	200 °C
Min operating temperature, Tmin	-40 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic outer ring frequency, BPF0	7.61 Hz
Characteristic inner ring frequency, BRFI	10.39 Hz
Characteristic rolling element frequency, BSF	6.24 Hz