



Bearing No. 22224EMKW33

D	215,000 mm
d	120,000 mm
H	58,000 mm
B	58 mm
b	12.2 mm
k	6 mm
e	0.25
Y2	4.08
Y1	2.74
D1	192.3 mm
Y0	2.68
Nlim	3,800 rpm
Nref	3,000 rpm
Mass	8.65 kg
Da max	203 mm
da min	132 mm
ra max	2 mm
rs min	2.1 mm
Size (mm)	120x215x58
Width (mm)	58,000
Bearing number	22224EMKW33
Dynamic load, C	688 kN
Static load, C0	753 kN
Bore Diameter (mm)	120,000
Outer Diameter (mm)	215,000
Fatigue limit load, Cu	71.3 kN
Radial clearance class	CN
Number of lubrication holes	3
Associated sleeve reference	H3124

Max operating temperature, Tmax	200 °C
Min operating temperature, Tmin	-40 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic outer ring frequency, BPF0	7.62 Hz
Characteristic inner ring frequency, BPFI	10.38 Hz
Characteristic rolling element frequency, BSF	6.27 Hz