



Bearing No. 22228EMKW33

D	250,000 mm
d	140,000 mm
H	68,000 mm
B	68 mm
b	14.2 mm
k	7 mm
e	0.25
Y2	4.08
Y1	2.74
D1	224 mm
Y0	2.68
Nlim	3,300 rpm
Nref	2,500 rpm
Mass	14 kg
Da max	236 mm
da min	154 mm
ra max	2.5 mm
rs min	3 mm
Size (mm)	140x250x68
Width (mm)	68,000
Bearing number	22228EMKW33
Dynamic load, C	912 kN
Static load, C0	1,010 kN
Bore Diameter (mm)	140,000
Outer Diameter (mm)	250,000
Fatigue limit load, Cu	94.1 kN
Radial clearance class	CN
Number of lubrication holes	3
Associated sleeve reference	H3128

Max operating temperature, Tmax	200 °C
Min operating temperature, Tmin	-40 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic outer ring frequency, BPF0	7.59 Hz
Characteristic inner ring frequency, BPI	10.41 Hz
Characteristic rolling element frequency, BSF	6.14 Hz