



Bearing No. 22316EMKW33

b	10.5 mm
e	0.34
k	5 mm
d	80,000 mm
D	170,000 mm
H	58,000 mm
B	58 mm
Y0	1.96
Y1	2
d2	98.6 mm
Y2	2.98
D1	147.4 mm
Nlim	3,900 rpm
Mass	6.1 kg
Nref	3,400 rpm
da min	92 mm
db min	88 mm
Ce min	6 mm
Da max	158 mm
ra max	2 mm
rs min	2.1 mm
Size (mm)	80x170x58
Width (mm)	58,000
Bearing number	22316EMKW33
Dynamic load, C	541 kN
Static load, C0	522 kN
Bore Diameter (mm)	80,000
Outer Diameter (mm)	170,000
Radial clearance class	CN
Fatigue limit load, Cu	47.3 kN

Associated sleeve reference	H2316
Number of lubrication holes	3
Max operating temperature, Tmax	200 °C
Min operating temperature, Tmin	-40 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic outer ring frequency, BPF0	5.62 Hz
Characteristic inner ring frequency, BPFI	8.38 Hz
Characteristic rolling element frequency, BSF	4.74 Hz