



Bearing No. 22219EMKW33

D	170,000 mm
d	95,000 mm
H	43,000 mm
B	43 mm
b	9.9 mm
k	4.5 mm
e	0.23
Y2	4.4
Y1	2.95
D1	152.8 mm
Y0	2.89
Nlim	4,800 rpm
Nref	3,800 rpm
Mass	4.09 kg
Da max	158 mm
da min	107 mm
ra max	2 mm
rs min	2.1 mm
Size (mm)	95x170x43
Width (mm)	43,000
Bearing number	22219EMKW33
Dynamic load, C	416 kN
Static load, C0	417 kN
Bore Diameter (mm)	95,000
Outer Diameter (mm)	170,000
Fatigue limit load, Cu	47.5 kN
Radial clearance class	CN
Number of lubrication holes	3
Associated sleeve reference	H319

Max operating temperature, Tmax	200 °C
Min operating temperature, Tmin	-40 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic outer ring frequency, BPF0	7.12 Hz
Characteristic inner ring frequency, BPF1	9.88 Hz
Characteristic rolling element frequency, BSF	5.95 Hz