



Bearing No. 22234EMKW33

D	310,000 mm
d	170,000 mm
H	86,000 mm
B	86 mm
b	18 mm
k	8 mm
e	0.26
Y2	3.87
Y1	2.6
D1	276.4 mm
Y0	2.54
Nlim	2,700 rpm
Nref	1,900 rpm
Mass	28 kg
Da max	293 mm
da min	187 mm
ra max	3 mm
rs min	4 mm
Size (mm)	170x310x86
Width (mm)	86,000
Bearing number	22234EMKW33
Dynamic load, C	1,400 kN
Static load, C0	1,610 kN
Bore Diameter (mm)	170,000
Outer Diameter (mm)	310,000
Fatigue limit load, Cu	136 kN
Radial clearance class	CN
Number of lubrication holes	3
Associated sleeve reference	H3134

Max operating temperature, Tmax	200 °C
Min operating temperature, Tmin	-40 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic outer ring frequency, BPF0	7.58 Hz
Characteristic inner ring frequency, BPI	10.42 Hz
Characteristic rolling element frequency, BSF	6.11 Hz