



NTN BEARING MANUFACTURING DE MEXICO,S...

80 mm x 170 mm x 58 mm SNR
22316.EMKW33C3 Double row spherical roller
bearings

Bearing No. 22316.EMKW33C3

d	80 mm
D	170 mm
B	58 mm
d2	98.6 mm
D1	147.4 mm
rs min	2.1 mm
Number of lubrication holes	3
b	10.5 mm
k	5 mm
Associated sleeve reference	H2316
e	0.34
Y1	2
Y2	2.98
Y0	1.96
Radial clearance class	C3
Mass	6.1 kg
Dynamic load, C	541 kN
Static load, C0	522 kN
Fatigue limit load, Cu	47.3 kN
Nref	3,400 rpm
Nlim	3,900 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C

22316.EMKW33C3 Bearing 2D drawings and 3D CAD
models



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Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.74 Hz
Characteristic outer ring frequency, BPF0	5.62 Hz
Characteristic inner ring frequency, BRFI	8.38 Hz
da min	92 mm
db min	88 mm
Ce min	6 mm
Da max	158 mm
ra max	2 mm