



NTN BEARING MANUFACTURING DE MEXICO,S...

70 mm x 150 mm x 51 mm SNR
22314.EG15KW33 Double row spherical roller
bearings

Bearing No. 22314.EG15KW33

d	70 mm
D	150 mm
B	51 mm
d2	86 mm
D1	128.7 mm
rs min	2.1 mm
Number of lubrication holes	3
b	10.4 mm
k	5 mm
Associated sleeve reference	H2314
e	0.34
Y1	2
Y2	2.98
Y0	1.96
Radial clearance class	CN
Mass	4.02 kg
Dynamic load, C	420 kN
Static load, C0	396 kN
Fatigue limit load, Cu	37.8 kN
Nref	3,800 rpm
Nlim	4,500 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C

22314.EG15KW33 Bearing 2D drawings and 3D CAD
models



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Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.72 Hz
Characteristic outer ring frequency, BPF0	5.61 Hz
Characteristic inner ring frequency, BPFI	8.39 Hz
da min	82 mm
db min	76 mm
Ce min	6 mm
Da max	138 mm
ra max	2 mm