



NTN BEARING MANUFACTURING DE MEXICO,S...

110 mm x 170 mm x 45 mm SNR
23022.EMW33 Double row spherical roller
bearings

Bearing No. 23022.EMW33

d	110 mm
D	170 mm
B	45 mm
D1	154.6 mm
rs min	2 mm
Number of lubrication holes	3
b	7.8 mm
k	3.5 mm
e	0.23
Y1	2.95
Y2	4.4
Y0	2.89
Radial clearance class	CN
Mass	3.62 kg
Dynamic load, C	417 kN
Static load, C0	517 kN
Fatigue limit load, Cu	46.2 kN
Nref	3,500 rpm
Nlim	4,200 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling	8.45 Hz

23022.EMW33 Bearing 2D drawings and 3D CAD
models



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element frequency, BSF	
Characteristic outer ring frequency, BPF0	10.17 Hz
Characteristic inner ring frequency, BPF1	12.83 Hz
da min	118.8 mm
Da max	161.2 mm
ra max	2 mm