



NTN bearing de Mexico, S.A.

120 mm x 260 mm x 86 mm SNR
22324EMKW33C4 Double row spherical roller
bearings

Bearing No. 22324EMKW33C4

d	120 mm
D	260 mm
B	86 mm
d2	156.9 mm
D1	224 mm
rs min	3 mm
Number of lubrication holes	3
b	18 mm
k	8 mm
Associated sleeve reference	H2324
e	0.32
Y1	2.09
Y2	3.11
Y0	2.04
Radial clearance class	C4
Mass	22.15 kg
Dynamic load, C	1,170 kN
Static load, C0	1,280 kN
Fatigue limit load, Cu	96.2 kN
Nref	2,000 rpm
Nlim	2,500 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C

22324EMKW33C4 Bearing 2D drawings and 3D CAD
models



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Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.33 Hz
Characteristic outer ring frequency, BPF0	6.58 Hz
Characteristic inner ring frequency, BRFI	9.42 Hz
da min	134 mm
db min	131 mm
Ce min	7 mm
Da max	246 mm
ra max	2.5 mm