



## NTN-SNR BEARING RULMENTI S.R.L.

170 mm x 310 mm x 110 mm SNR  
23234.EMW33C3 Double row spherical roller  
bearings

Bearing No. 23234.EMW33C3

d	170 mm
D	310 mm
B	110 mm
D1	271.2 mm
rs min	4 mm
Number of lubrication holes	3
b	16.35 mm
k	8 mm
e	0.33
Y1	2.03
Y2	3.02
Y0	1.98
Radial clearance class	C3
Mass	35.7 kg
Dynamic load, C	1,700 kN
Static load, C0	2,070 kN
Fatigue limit load, Cu	136 kN
Nref	1,300 rpm
Nlim	1,900 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling	6.09 Hz

23234.EMW33C3 Bearing 2D drawings and 3D CAD  
models



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element frequency, BSF	
Characteristic outer ring frequency, BPF0	7.59 Hz
Characteristic inner ring frequency, BRFI	10.41 Hz
da min	187 mm
Da max	293 mm
ra max	3 mm