



## BEARING ITALIA S.P.A

340 mm x 520 mm x 133 mm SNR  
23068EMW33C3 Double row spherical roller  
bearings

Bearing No. 23068EMW33C3

d	340 mm
D	520 mm
B	133 mm
d2	401.8 mm
D1	474.9 mm
rs min	5 mm
Number of lubrication holes	8
b	20 mm
k	12 mm
e	0.23
Y1	2.9
Y2	4.31
Y0	2.83
Radial clearance class	C3
Mass	105.1 kg
Dynamic load, C	3,220 kN
Static load, C0	4,970 kN
Fatigue limit load, Cu	331 kN
Nref	900 rpm
Nlim	1,400 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.45 Hz

23068EMW33C3 Bearing 2D drawings and 3D CAD  
models



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Characteristic rolling element frequency, BSF	9.21 Hz
Characteristic outer ring frequency, BPF0	12.07 Hz
Characteristic inner ring frequency, BRFI	14.93 Hz
da min	358 mm
Da max	502 mm
ra max	4 mm