



## BEARING ITALIA S.P.A

160 mm x 240 mm x 60 mm SNR  
23032.EMW33C3 Double row spherical roller  
bearings

Bearing No. 23032.EMW33C3

d	160 mm
D	240 mm
B	60 mm
D1	220.2 mm
rs min	2.1 mm
Number of lubrication holes	3
b	10.5 mm
k	5 mm
e	0.21
Y1	3.2
Y2	4.77
Y0	3.13
Radial clearance class	C3
Mass	9.58 kg
Dynamic load, C	748 kN
Static load, C0	1,000 kN
Fatigue limit load, Cu	85.1 kN
Nref	2,400 rpm
Nlim	2,900 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling	8.99 Hz

23032.EMW33C3 Bearing 2D drawings and 3D CAD  
models



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element frequency, BSF	
Characteristic outer ring frequency, BPF0	11.14 Hz
Characteristic inner ring frequency, BPF1	13.86 Hz
da min	170.2 mm
Da max	229.8 mm
ra max	2 mm