



## BEARING INDUSTRIA CUSCINETTI S.P.A.

160 mm x 290 mm x 104 mm SNR  
23232.EMW33 Double row spherical roller  
bearings

Bearing No. 23232.EMW33

d	160 mm
D	290 mm
B	104 mm
D1	253.7 mm
rs min	3 mm
Number of lubrication holes	3
b	14.9 mm
k	7 mm
e	0.33
Y1	2.03
Y2	3.02
Y0	1.98
Radial clearance class	CN
Mass	29.58 kg
Dynamic load, C	1,550 kN
Static load, C0	1,890 kN
Fatigue limit load, Cu	121 kN
Nref	1,400 rpm
Nlim	2,100 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling	6.15 Hz

23232.EMW33 Bearing 2D drawings and 3D CAD  
models



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element frequency, BSF	
Characteristic outer ring frequency, BPF0	7.61 Hz
Characteristic inner ring frequency, BRFI	10.39 Hz
da min	174 mm
Da max	276 mm
ra max	2.5 mm