



## BEARING ITALIA S.P.A

220 mm x 340 mm x 90 mm SNR  
23044.EMW33 Double row spherical roller  
bearings

Bearing No. 23044.EMW33

d	220 mm
D	340 mm
B	90 mm
D1	310 mm
rs min	3 mm
Number of lubrication holes	3
b	15.4 mm
k	7 mm
e	0.23
Y1	2.95
Y2	4.4
Y0	2.89
Radial clearance class	CN
Mass	31.8 kg
Dynamic load, C	1,530 kN
Static load, C0	2,110 kN
Fatigue limit load, Cu	157 kN
Nref	1,600 rpm
Nlim	2,100 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling	8.45 Hz

23044.EMW33 Bearing 2D drawings and 3D CAD  
models



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element frequency, BSF	
Characteristic outer ring frequency, BPF0	10.62 Hz
Characteristic inner ring frequency, BPF1	13.38 Hz
da min	232.4 mm
Da max	327.6 mm
ra max	2.5 mm