



## BEARING ITALIA S.P.A

150 mm x 225 mm x 56 mm SNR  
23030.EMW33C3 Double row spherical roller  
bearings

Bearing No. 23030.EMW33C3

d	150 mm
D	225 mm
B	56 mm
D1	206.6 mm
rs min	2.1 mm
Number of lubrication holes	3
b	10 mm
k	4.5 mm
e	0.21
Y1	3.2
Y2	4.77
Y0	3.13
Radial clearance class	C3
Mass	7.75 kg
Dynamic load, C	660 kN
Static load, C0	893 kN
Fatigue limit load, Cu	76.6 kN
Nref	2,600 rpm
Nlim	3,100 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling	9.3 Hz

23030.EMW33C3 Bearing 2D drawings and 3D CAD  
models



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element frequency, BSF	
Characteristic outer ring frequency, BPF0	11.63 Hz
Characteristic inner ring frequency, BPF1	14.37 Hz
da min	160.2 mm
Da max	214.8 mm
ra max	2 mm