



## BEARING ITALIA S.P.A

400 mm x 600 mm x 148 mm SNR  
23080EMW33 Double row spherical roller  
bearings

Bearing No. 23080EMW33

d	400 mm
D	600 mm
B	148 mm
d2	470.4 mm
D1	546.8 mm
rs min	5 mm
Number of lubrication holes	8
b	20.1 mm
k	12 mm
e	0.22
Y1	3.01
Y2	4.48
Y0	2.94
Radial clearance class	CN
Mass	153.53 kg
Dynamic load, C	4,010 kN
Static load, C0	6,680 kN
Fatigue limit load, Cu	417 kN
Nref	750 rpm
Nlim	1,200 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.45 Hz

23080EMW33 Bearing 2D drawings and 3D CAD  
models



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Characteristic rolling element frequency, BSF	10.22 Hz
Characteristic outer ring frequency, BPF0	13.56 Hz
Characteristic inner ring frequency, BRFI	16.44 Hz
da min	418 mm
Da max	582 mm
ra max	4 mm