



## BEARING ITALIA S.P.A

300 mm x 460 mm x 118 mm SNR  
23060EMW33 Double row spherical roller  
bearings

Bearing No. 23060EMW33

d	300 mm
D	460 mm
B	118 mm
d2	369.3 mm
D1	420.1 mm
rs min	4 mm
Number of lubrication holes	8
b	16 mm
k	10 mm
e	0.22
Y1	3.07
Y2	4.57
Y0	3
Radial clearance class	CN
Mass	74.5 kg
Dynamic load, C	2,420 kN
Static load, C0	4,230 kN
Fatigue limit load, Cu	251 kN
Nref	1,000 rpm
Nlim	1,500 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.46 Hz

23060EMW33 Bearing 2D drawings and 3D CAD  
models



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Characteristic rolling element frequency, BSF	11.72 Hz
Characteristic outer ring frequency, BPF0	15.12 Hz
Characteristic inner ring frequency, BPFI	17.88 Hz
da min	314.6 mm
Da max	445.4 mm
ra max	3 mm