



BEARING ITALIA S.P.A

280 mm x 420 mm x 106 mm SNR
23056EMW33C4 Double row spherical roller
bearings

Bearing No. 23056EMW33C4

d	280 mm
D	420 mm
B	106 mm
D1	385.2 mm
rs min	4 mm
Number of lubrication holes	3
b	18.3 mm
k	8 mm
e	0.22
Y1	3.07
Y2	4.58
Y0	3
Radial clearance class	C4
Mass	51.2 kg
Dynamic load, C	2,170 kN
Static load, C0	3,150 kN
Fatigue limit load, Cu	218 kN
Nref	1,200 rpm
Nlim	1,700 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling	8.86 Hz

23056EMW33C4 Bearing 2D drawings and 3D CAD
models



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element frequency, BSF	
Characteristic outer ring frequency, BPF0	11.12 Hz
Characteristic inner ring frequency, BRFI	13.88 Hz
da min	294.6 mm
Da max	405.4 mm
ra max	3 mm