



BEARING INDUSTRIA CUSCINETTI S.P.A.

190 mm x 320 mm x 104 mm SNR
23138.EMW33C3 Double row spherical roller
bearings

Bearing No. 23138.EMW33C3

d	190 mm
D	320 mm
B	104 mm
D1	283.8 mm
rs min	3 mm
Number of lubrication holes	3
b	16.55 mm
k	8 mm
e	0.29
Y1	2.32
Y2	3.45
Y0	2.26
Radial clearance class	C3
Mass	33.5 kg
Dynamic load, C	1,670 kN
Static load, C0	2,250 kN
Fatigue limit load, Cu	144 kN
Nref	1,500 rpm
Nlim	2,000 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling	7.47 Hz

23138.EMW33C3 Bearing 2D drawings and 3D CAD
models



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element frequency, BSF	
Characteristic outer ring frequency, BPF0	9.58 Hz
Characteristic inner ring frequency, BRFI	12.42 Hz
da min	204 mm
Da max	306 mm
ra max	2.5 mm