



BEARING INDUSTRIA CUSCINETTI S.P.A.

190 mm x 320 mm x 104 mm SNR
23138.EMKW33 Double row spherical roller
bearings

Bearing No. 23138.EMKW33

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
Associated sleeve reference	H3138
e	0.29
Y1	2.32
Y2	3.45
Y0	2.26
Radial clearance class	CN
Mass	32.45 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

23138.EMKW33 Bearing 2D drawings and 3D CAD
models



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Characteristic rolling element frequency, BSF	7.47 Hz
Characteristic outer ring frequency, BPF0	9.58 Hz
Characteristic inner ring frequency, BPFI	12.42 Hz
da min	204 mm
Da max	306 mm
ra max	2.5 mm