



BEARING INDUSTRIA CUSCINETTI S.P.A.

180 mm x 300 mm x 96 mm SNR
23136.EMW33C4 Double row spherical roller
bearings

Bearing No. 23136.EMW33C4

d	180 mm
D	300 mm
B	96 mm
D1	266.8 mm
rs min	3 mm
Number of lubrication holes	3
b	14.9 mm
k	7 mm
e	0.29
Y1	2.32
Y2	3.45
Y0	2.26
Radial clearance class	C4
Mass	27.3 kg
Dynamic load, C	1,490 kN
Static load, C0	1,960 kN
Fatigue limit load, Cu	128 kN
Nref	1,600 rpm
Nlim	2,100 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling	7.26 Hz

23136.EMW33C4 Bearing 2D drawings and 3D CAD
models



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element frequency, BSF	
Characteristic outer ring frequency, BPF0	9.1 Hz
Characteristic inner ring frequency, BRFI	11.9 Hz
da min	194 mm
Da max	286 mm
ra max	2.5 mm