



BEARING INDUSTRIA CUSCINETTI S.P.A.

180 mm x 300 mm x 96 mm SNR
23136.EAKW33C3 Double row spherical roller
bearings

Bearing No. 23136.EAKW33C3

d	180 mm
D	300 mm
B	96 mm
d2	206 mm
D1	266.8 mm
rs min	3 mm
Number of lubrication holes	3
b	14.9 mm
k	7 mm
Associated sleeve reference	H3136
e	0.29
Y1	2.32
Y2	3.45
Y0	2.26
Radial clearance class	C3
Mass	27.21 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

23136.EAKW33C3 Bearing 2D drawings and 3D CAD
models



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Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	7.26 Hz
Characteristic outer ring frequency, BPF0	9.1 Hz
Characteristic inner ring frequency, BPFI	11.9 Hz
da min	194 mm
Da max	286 mm
ra max	2.5 mm