



BEARING INDUSTRIA CUSCINETTI S.P.A.

360 mm x 600 mm x 192 mm SNR
23172EMW33C4 Double row spherical roller
bearings

Bearing No. 23172EMW33C4

d	360 mm
D	600 mm
B	192 mm
d2	445.8 mm
D1	531.7 mm
rs min	5 mm
Number of lubrication holes	8
b	27 mm
k	16 mm
e	0.3
Y1	2.28
Y2	3.39
Y0	2.23
Radial clearance class	C4
Mass	225.7 kg
Dynamic load, C	5,180 kN
Static load, C0	8,220 kN
Fatigue limit load, Cu	407 kN
Nref	590 rpm
Nlim	1,000 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.44 Hz

23172EMW33C4 Bearing 2D drawings and 3D CAD
models



BEARING INDUSTRIA CUSCINETTI S.P.A.

Characteristic rolling element frequency, BSF	8.43 Hz
Characteristic outer ring frequency, BPF0	10.62 Hz
Characteristic inner ring frequency, BPFI	13.38 Hz
da min	380 mm
Da max	580 mm
ra max	4 mm