



BEARING INDUSTRIA CUSCINETTI S.P.A.

260 mm x 440 mm x 144 mm SNR
23152EMW33 Double row spherical roller
bearings

Bearing No. 23152EMW33

d	260 mm
D	440 mm
B	144 mm
d2	322.9 mm
D1	388.9 mm
rs min	4 mm
Number of lubrication holes	8
b	20.15 mm
k	12 mm
e	0.3
Y1	2.25
Y2	3.34
Y0	2.2
Radial clearance class	CN
Mass	91.2 kg
Dynamic load, C	2,930 kN
Static load, C0	4,340 kN
Fatigue limit load, Cu	239 kN
Nref	950 rpm
Nlim	1,400 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.44 Hz

23152EMW33 Bearing 2D drawings and 3D CAD
models



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Characteristic rolling element frequency, BSF	8.13 Hz
Characteristic outer ring frequency, BPF0	10.13 Hz
Characteristic inner ring frequency, BPFI	12.87 Hz
da min	277 mm
Da max	423 mm
ra max	3 mm