



## BEARING INDUSTRIA CUSCINETTI S.P.A.

170 mm x 280 mm x 88 mm SNR  
23134.EMKW33 Double row spherical roller  
bearings

Bearing No. 23134.EMKW33

d	170 mm
D	280 mm
B	88 mm
D1	249.7 mm
rs min	2.1 mm
Number of lubrication holes	3
b	13.7 mm
k	6 mm
Associated sleeve reference	H3134
e	0.28
Y1	2.39
Y2	3.56
Y0	2.34
Radial clearance class	CN
Mass	20.89 kg
Dynamic load, C	1,270 kN
Static load, C0	1,700 kN
Fatigue limit load, Cu	112 kN
Nref	1,700 rpm
Nlim	2,300 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.44 Hz

23134.EMKW33 Bearing 2D drawings and 3D CAD  
models



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Characteristic rolling element frequency, BSF	7.74 Hz
Characteristic outer ring frequency, BPF0	9.62 Hz
Characteristic inner ring frequency, BPFI	12.38 Hz
da min	182 mm
Da max	268 mm
ra max	2 mm