



BEARING INDUSTRIA CUSCINETTI S.P.A.

120 mm x 200 mm x 62 mm SNR
23124.EMKW33 Double row spherical roller
bearings

Bearing No. 23124.EMKW33

d	120 mm
D	200 mm
B	62 mm
D1	178.4 mm
rs min	2 mm
Number of lubrication holes	3
b	10 mm
k	4.5 mm
Associated sleeve reference	H3124
e	0.28
Y1	2.43
Y2	3.61
Y0	2.37
Radial clearance class	CN
Mass	7.53 kg
Dynamic load, C	663 kN
Static load, C0	820 kN
Fatigue limit load, Cu	62.3 kN
Nref	2,600 rpm
Nlim	3,200 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.44 Hz

23124.EMKW33 Bearing 2D drawings and 3D CAD
models



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Characteristic rolling element frequency, BSF	7.47 Hz
Characteristic outer ring frequency, BPF0	9.14 Hz
Characteristic inner ring frequency, BPFI	11.86 Hz
da min	131 mm
Da max	189 mm
ra max	2 mm