



BEARING ITALIA S.P.A

110 mm x 180 mm x 56 mm SNR
23122EAKW33C4 Double row spherical roller
bearings

Bearing No. 23122EAKW33C4

d	110 mm
D	180 mm
B	56 mm
d2	125.3 mm
D1	160.9 mm
rs min	2 mm
Number of lubrication holes	3
b	8.9 mm
k	4 mm
Associated sleeve reference	H3122
e	0.28
Y1	2.43
Y2	3.61
Y0	2.37
Radial clearance class	C4
Mass	5.31 kg
Dynamic load, C	547 kN
Static load, C0	669 kN
Fatigue limit load, Cu	51.9 kN
Nref	3,000 rpm
Nlim	3,500 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C

23122EAKW33C4 Bearing 2D drawings and 3D CAD
models



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Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	7.5 Hz
Characteristic outer ring frequency, BPF0	9.15 Hz
Characteristic inner ring frequency, BPFI	11.85 Hz
da min	121 mm
Da max	169 mm
ra max	2 mm