



BEARING ITALIA S.P.A

150 mm x 225 mm x 56 mm SNR
23030EAKW33C4 Double row spherical roller
bearings

Bearing No. 23030EAKW33C4

d	150 mm
D	225 mm
B	56 mm
d2	168.5 mm
D1	206.6 mm
rs min	2.1 mm
Number of lubrication holes	3
b	10 mm
k	4.5 mm
Associated sleeve reference	H3030
e	0.21
Y1	3.2
Y2	4.77
Y0	3.13
Radial clearance class	C4
Mass	7.75 kg
Dynamic load, C	660 kN
Static load, C0	893 kN
Fatigue limit load, Cu	76.6 kN
Nref	2,600 rpm
Nlim	3,100 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C

23030EAKW33C4 Bearing 2D drawings and 3D CAD
models



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Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	9.3 Hz
Characteristic outer ring frequency, BPF0	11.63 Hz
Characteristic inner ring frequency, BPFI	14.37 Hz
da min	160.2 mm
Da max	214.8 mm
ra max	2 mm