



BEARING ITALIA S.P.A

220 mm x 340 mm x 90 mm SNR
23044.EMKW33C3 Double row spherical roller
bearings

Bearing No. 23044.EMKW33C3

d	220 mm
D	340 mm
B	90 mm
D1	310 mm
rs min	3 mm
Number of lubrication holes	3
b	15.4 mm
k	7 mm
Associated sleeve reference	H3044H
e	0.23
Y1	2.95
Y2	4.4
Y0	2.89
Radial clearance class	C3
Mass	31.45 kg
Dynamic load, C	1,530 kN
Static load, C0	2,110 kN
Fatigue limit load, Cu	157 kN
Nref	1,600 rpm
Nlim	2,100 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.44 Hz

23044.EMKW33C3 Bearing 2D drawings and 3D CAD
models



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Characteristic rolling element frequency, BSF	8.45 Hz
Characteristic outer ring frequency, BPF0	10.62 Hz
Characteristic inner ring frequency, BRFI	13.38 Hz
da min	232.4 mm
Da max	327.6 mm
ra max	2.5 mm