



BEARINGS(UK)LTD.

60 mm x 130 mm x 46 mm SNR
22312EAKW33C4 Double row spherical roller
bearings

Bearing No. 22312EAKW33C4

d	60 mm
D	130 mm
B	46 mm
d2	75.3 mm
D1	111.9 mm
rs min	2.1 mm
Number of lubrication holes	3
b	8.7 mm
k	4 mm
Associated sleeve reference	H2312
e	0.35
Y1	1.95
Y2	2.9
Y0	1.91
Radial clearance class	C4
Mass	2.78 kg
Dynamic load, C	340 kN
Static load, C0	319 kN
Fatigue limit load, Cu	29.6 kN
Nref	4,300 rpm
Nlim	5,100 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C

22312EAKW33C4 Bearing 2D drawings and 3D CAD
models



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Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.77 Hz
Characteristic outer ring frequency, BPF0	5.62 Hz
Characteristic inner ring frequency, BRFI	8.38 Hz
da min	72 mm
db min	66 mm
Ce min	6 mm
Da max	118 mm
ra max	2 mm