



## BEARINGS(UK)LTD.

60 mm x 130 mm x 46 mm SNR  
22312.EAKW33 Double row spherical roller  
bearings

Bearing No. 22312.EAKW33

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	CN
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

22312.EAKW33 Bearing 2D drawings and 3D CAD  
models



## BEARINGS(UK)LTD.

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