



## BEARINGS(UK)LTD.

140 mm x 250 mm x 68 mm SNR  
22228.EAKW33C3 Double row spherical roller  
bearings

Bearing No. 22228.EAKW33C3

d	140 mm
D	250 mm
B	68 mm
d2	163.9 mm
D1	223.9 mm
rs min	3 mm
Number of lubrication holes	3
b	14.2 mm
k	7 mm
Associated sleeve reference	H3128
e	0.25
Y1	2.74
Y2	4.08
Y0	2.68
Radial clearance class	C3
Mass	14 kg
Dynamic load, C	912 kN
Static load, C0	1,010 kN
Fatigue limit load, Cu	94.1 kN
Nref	2,500 rpm
Nlim	3,300 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C

22228.EAKW33C3 Bearing 2D drawings and 3D CAD  
models



## BEARINGS(UK)LTD.

Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	6.14 Hz
Characteristic outer ring frequency, BPF0	7.59 Hz
Characteristic inner ring frequency, BRFI	10.41 Hz
da min	154 mm
Da max	236 mm
ra max	2.5 mm