



## BEARINGS(UK)LTD.

110 mm x 200 mm x 53 mm SNR  
22222.EG15KW33C3 Double row spherical roller  
bearings

Bearing No. 22222.EG15KW33C3

d	110 mm
D	200 mm
B	53 mm
d2	130.1 mm
D1	178.4 mm
rs min	2.1 mm
Number of lubrication holes	3
b	12.2 mm
k	6 mm
Associated sleeve reference	H322
e	0.25
Y1	2.69
Y2	4
Y0	2.63
Radial clearance class	C3
Mass	6.7 kg
Dynamic load, C	602 kN
Static load, C0	643 kN
Fatigue limit load, Cu	64.3 kN
Nref	3,300 rpm
Nlim	4,100 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C

22222.EG15KW33C3 Bearing 2D drawings and 3D  
CAD models



## BEARINGS(UK)LTD.

Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	6.1 Hz
Characteristic outer ring frequency, BPF0	7.58 Hz
Characteristic inner ring frequency, BRFI	10.42 Hz
da min	122 mm
Da max	188 mm
ra max	2 mm