



## BEARINGS(UK)LTD.

150 mm x 270 mm x 73 mm SNR  
22230.EAW33C3 Double row spherical roller  
bearings

Bearing No. 22230.EAW33C3

d	150 mm
D	270 mm
B	73 mm
d2	177.3 mm
D1	241.1 mm
rs min	3 mm
Number of lubrication holes	3
b	15.3 mm
k	7 mm
e	0.25
Y1	2.74
Y2	4.08
Y0	2.68
Radial clearance class	C3
Mass	17.8 kg
Dynamic load, C	1,080 kN
Static load, C0	1,220 kN
Fatigue limit load, Cu	106 kN
Nref	2,200 rpm
Nlim	3,000 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.42 Hz

22230.EAW33C3 Bearing 2D drawings and 3D CAD  
models



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Characteristic rolling element frequency, BSF	6.18 Hz
Characteristic outer ring frequency, BPF0	7.6 Hz
Characteristic inner ring frequency, BPFI	10.4 Hz
da min	164 mm
Da max	256 mm
ra max	2.5 mm