



BEARINGS(UK)LTD.

150 mm x 270 mm x 73 mm SNR
22230EMKW33C4 Double row spherical roller
bearings

Bearing No. 22230EMKW33C4

d	150 mm
D	270 mm
B	73 mm
D1	241.1 mm
rs min	3 mm
Number of lubrication holes	3
b	15.3 mm
k	7 mm
Associated sleeve reference	H3130
e	0.25
Y1	2.74
Y2	4.08
Y0	2.68
Radial clearance class	C4
Mass	17.79 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

22230EMKW33C4 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