



# USK BEARING COMPANY

170 mm x 360 mm x 120 mm SNR  
 22334EMKW33C4 Double row spherical roller  
 bearings

Bearing No. 22334EMKW33C4

22334EMKW33C4 Bearing 2D drawings and 3D CAD  
 models

d	170 mm
D	360 mm
B	120 mm
d2	236 mm
D1	312.9 mm
rs min	4 mm
Number of lubrication holes	3
b	20.3 mm
k	10 mm
Associated sleeve reference	H2334
e	0.32
Y1	2.09
Y2	3.11
Y0	2.04
Radial clearance class	C4
Mass	59 kg
Dynamic load, C	2,200 kN
Static load, C0	2,630 kN
Fatigue limit load, Cu	175 kN
Nref	1,200 rpm
Nlim	1,800 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C



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Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.68 Hz
Characteristic outer ring frequency, BPF0	7.08 Hz
Characteristic inner ring frequency, BRFI	9.92 Hz
da min	187 mm
db min	185 mm
Ce min	8 mm
Da max	343 mm
ra max	3 mm