



USK BEARING COMPANY

170 mm x 360 mm x 120 mm SNR
22334.EMKW33C3 Double row spherical roller
bearings

Bearing No. 22334.EMKW33C3

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	C3
Mass	58.2 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

22334.EMKW33C3 Bearing 2D drawings and 3D CAD
models



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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