



USK BEARING COMPANY

95 mm x 200 mm x 67 mm SNR
22319.EMW33C3 Double row spherical roller
bearings

Bearing No. 22319.EMW33C3

d	95 mm
D	200 mm
B	67 mm
d2	120 mm
D1	174 mm
rs min	3 mm
Number of lubrication holes	3
b	12.1 mm
k	6 mm
e	0.32
Y1	2.09
Y2	3.11
Y0	2.04
Radial clearance class	C3
Mass	10.06 kg
Dynamic load, C	732 kN
Static load, C0	750 kN
Fatigue limit load, Cu	62.8 kN
Nref	2,800 rpm
Nlim	3,300 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.41 Hz

22319.EMW33C3 Bearing 2D drawings and 3D CAD
models



USK BEARING COMPANY

Characteristic rolling element frequency, BSF	5.1 Hz
Characteristic outer ring frequency, BPF0	6.11 Hz
Characteristic inner ring frequency, BPFI	8.89 Hz
da min	109 mm
Da max	186 mm
ra max	2.5 mm