



BEARINGS(UK)LTD.

85 mm x 150 mm x 36 mm SNR
22217.EAKW33C3 Double row spherical roller
bearings

Bearing No. 22217.EAKW33C3

d	85 mm
D	150 mm
B	36 mm
d2	100.7 mm
D1	136.5 mm
rs min	2 mm
Number of lubrication holes	3
b	7.9 mm
k	3.5 mm
Associated sleeve reference	H317
e	0.22
Y1	3.07
Y2	4.58
Y0	3.01
Radial clearance class	C3
Mass	2.52 kg
Dynamic load, C	324 kN
Static load, C0	330 kN
Fatigue limit load, Cu	38.7 kN
Nref	4,100 rpm
Nlim	5,400 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C

22217.EAKW33C3 Bearing 2D drawings and 3D CAD
models



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Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	6.37 Hz
Characteristic outer ring frequency, BPF0	7.63 Hz
Characteristic inner ring frequency, BRFI	10.37 Hz
da min	96 mm
Da max	139 mm
ra max	2 mm