



## BEARINGS(UK)LTD.

### 60 mm x 130 mm x 46 mm SNR 2312KC3 Double row self aligning ball bearings

Bearing No. 2312KC3

d	60 mm
D	130 mm
B	46 mm
d1	77 mm
D1	108.8 mm
rs min	2.1 mm
Associated sleeve reference	H2312
e	0.41
Y1	1.55
Y2	2.39
Y0	1.62
Radial clearance class	C3
Precision class	P0
Mass	2.6 kg
Dynamic load, C	87 kN
Static load, C0	28.2 kN
Nref	6,600 rpm
Nlim	7,200 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	4.32 Hz
Characteristic outer ring	4.72 Hz

2312KC3 Bearing 2D drawings and 3D CAD models



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frequency, BPF0	
Characteristic inner ring frequency, BPF1	7.28 Hz
da min	71 mm
da max	74 mm
db min	66 mm
Ce min	5 mm
Da max	119 mm
ra max	2 mm