



BEARINGS(UK)LTD.

55 mm x 120 mm x 43 mm SNR 2311KC3 Double row self aligning ball bearings

Bearing No. 2311KC3

d	55 mm
D	120 mm
B	43 mm
d1	71.5 mm
D1	100.4 mm
rs min	2 mm
Associated sleeve reference	H2311
e	0.42
Y1	1.51
Y2	2.33
Y0	1.58
Radial clearance class	C3
Precision class	P0
Mass	2.26 kg
Dynamic load, C	75.2 kN
Static load, C0	24 kN
Nref	6,900 rpm
Nlim	7,800 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

2311KC3 Bearing 2D drawings and 3D CAD models



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frequency, BPF0	
Characteristic inner ring frequency, BPF1	7.28 Hz
da min	64 mm
da max	69 mm
db min	61 mm
Ce min	6 mm
Da max	111 mm
ra max	2 mm