



BEARINGS(UK)LTD.

40 mm x 90 mm x 33 mm SNR 2308KC3 Double row self aligning ball bearings

Bearing No. 2308KC3

d	40 mm
D	90 mm
B	33 mm
d1	53.4 mm
D1	74.9 mm
rs min	1.5 mm
Associated sleeve reference	H2308
e	0.43
Y1	1.45
Y2	2.25
Y0	1.52
Radial clearance class	C3
Precision class	P0
Mass	0.93 kg
Dynamic load, C	44.9 kN
Static load, C0	13.5 kN
Nref	8,500 rpm
Nlim	10,000 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	4.27 Hz
Characteristic outer ring	4.71 Hz

2308KC3 Bearing 2D drawings and 3D CAD models



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frequency, BPF0	
Characteristic inner ring frequency, BPF1	7.29 Hz
da min	48 mm
da max	52 mm
db min	45 mm
Ce min	5 mm
Da max	82 mm
ra max	1.5 mm