



BEARINGS(UK)LTD.

30 mm x 72 mm x 27 mm SNR 2306KC3 Double row self aligning ball bearings

Bearing No. 2306KC3

d	30 mm
D	72 mm
B	27 mm
d1	41.9 mm
D1	58.4 mm
rs min	1.1 mm
Associated sleeve reference	H2306
e	0.44
Y1	1.43
Y2	2.22
Y0	1.5
Radial clearance class	C3
Precision class	P0
Mass	0.49 kg
Dynamic load, C	30.4 kN
Static load, C0	8.8 kN
Nref	10,000 rpm
Nlim	13,000 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	4.01 Hz
Characteristic outer ring	4.25 Hz

2306KC3 Bearing 2D drawings and 3D CAD models



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frequency, BPF0	
Characteristic inner ring frequency, BPF1	6.75 Hz
da min	36.5 mm
da max	40 mm
db min	35 mm
Ce min	5 mm
Da max	65.5 mm
ra max	1 mm