



## BEARINGS(UK)LTD.

### 35 mm x 80 mm x 31 mm SNR 2307KG15C3 Double row self aligning ball bearings

Bearing No. 2307KG15C3

d	35 mm
D	80 mm
B	31 mm
d1	46.6 mm
D1	68.1 mm
rs min	1.5 mm
Associated sleeve reference	H2307
e	0.46
Y1	1.36
Y2	2.11
Y0	1.43
Radial clearance class	C3
Precision class	P0
Mass	0.98 kg
Dynamic load, C	39.3 kN
Static load, C0	11.2 kN
Nref	9,500 rpm
Nlim	12,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	3.96 Hz
Characteristic outer ring	4.24 Hz

2307KG15C3 Bearing 2D drawings and 3D CAD models



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frequency, BPF0	
Characteristic inner ring frequency, BPF1	6.76 Hz
da min	43 mm
da max	45 mm
db min	40 mm
Ce min	5 mm
Da max	72 mm
ra max	1.5 mm