



## BEARINGS(UK)LTD.

70,000 mm x 150,000 mm x 51,000 mm SNR  
2314 Double row self aligning ball bearings



Bearing No. 2314

2314 Bearing 2D drawings and 3D CAD models

Size	70x150x51 mm
Bore Diameter	70,000 mm
Outer Diameter	150,000 mm
Width	51,000 mm
d	70,000 mm
D	150,000 mm
B	51,000 mm
C	51,000 mm
d1	91.8 mm
D1	126.6 mm
rs min	2.1 mm
e	0.38
Y1	1.68
Y2	2.6
Y0	1.76
Radial clearance class	CN
Precision class	P0
Mass	4.17 kg
Dynamic load, C	109 kN
Static load, C0	37.6 kN
Nref	5,800 rpm
Nlim	6,100 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C



## BEARINGS(UK)LTD.

Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.58 Hz
Characteristic outer ring frequency, BPF0	5.18 Hz
Characteristic inner ring frequency, BPFI	7.82 Hz
da min	81 mm
Da max	139 mm
ra max	2 mm