



BEARING CORP. LTD.

100,000 mm x 215,000 mm x 47,000 mm SNR
1320 self aligning ball bearings



Bearing No. 1320

Size	100x215x47 mm
Bore Diameter	100,000 mm
Outer Diameter	215,000 mm
Width	47,000 mm
d	100,000 mm
D	215,000 mm
B	47,000 mm
C	47,000 mm
C1	2.43 mm
d1	136.2 mm
D1	181.2 mm
rs min	3 mm
e	0.24
Y1	2.67
Y2	4.14
Y0	2.8
Radial clearance class	CN
Precision class	P0
Mass	8.3 kg
Dynamic load, C	141 kN
Static load, C0	57.3 kN
Nref	3,900 rpm
Nlim	4,200 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature,	120 ° C

1320 Bearing 2D drawings and 3D CAD models



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Tmax	
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.7 Hz
Characteristic outer ring frequency, BPF0	6.24 Hz
Characteristic inner ring frequency, BRFI	8.76 Hz
da min	113 mm
Da max	202 mm
ra max	2.5 mm