



# CSC BEARING GROUP limited

110,000 mm x 200,000 mm x 38,000 mm SNR  
1222 Self aligning ball bearing



Bearing No. 1222

1222 Bearing 2D drawings and 3D CAD models

|                                 |               |
|---------------------------------|---------------|
| Size                            | 110x200x38 mm |
| Bore Diameter                   | 110,000 mm    |
| Outer Diameter                  | 200,000 mm    |
| Width                           | 38,000 mm     |
| d                               | 110,000 mm    |
| D                               | 200,000 mm    |
| B                               | 38,000 mm     |
| C                               | 38,000 mm     |
| d1                              | 140.6 mm      |
| D1                              | 173.1 mm      |
| rs min                          | 2.1 mm        |
| e                               | 0.17          |
| Y1                              | 3.64          |
| Y2                              | 5.64          |
| Y0                              | 3.82          |
| Radial clearance class          | CN            |
| Precision class                 | P0            |
| Mass                            | 5.32 kg       |
| Dynamic load, C                 | 87 kN         |
| Static load, C0                 | 38.6 kN       |
| Nref                            | 4,300 rpm     |
| Nlim                            | 4,300 rpm     |
| Min operating temperature, Tmin | -40 ° C       |
| Max operating temperature, Tmax | 120 ° C       |
|                                 |               |



## CSC BEARING GROUP limited

|   |          |
|---|----------|
| Characteristic cage frequency, FTF            | 0.44 Hz  |
| Characteristic rolling element frequency, BSF | 7.75 Hz  |
| Characteristic outer ring frequency, BPF0     | 8.74 Hz  |
| Characteristic inner ring frequency, BPFI     | 11.26 Hz |
| da min  | 121 mm   |
| Da max  | 189 mm   |
| ra max  | 2 mm     |