



Bearing No. 2216

|                                 |            |
|---------------------------------|------------|
| e                               | 0.25       |
| d                               | 80,000 mm  |
| D                               | 140,000 mm |
| B                               | 33,000 mm  |
| C                               | 33,000 mm  |
| d1                              | 99 mm      |
| Y0                              | 2.61       |
| Y2                              | 3.86       |
| Y1                              | 2.49       |
| D1                              | 120.8 mm   |
| Nlim                            | 5,900 rpm  |
| Mass                            | 2.1 kg     |
| Nref                            | 5,400 rpm  |
| rs min                          | 2 mm       |
| da min                          | 89 mm      |
| Da max                          | 131 mm     |
| ra max                          | 2 mm       |
| Size (mm)                       | 80x140x33  |
| Width (mm)                      | 33,000     |
| Bearing number                  | 2216       |
| Static load, C0                 | 19.9 kN    |
| Dynamic load, C                 | 48.5 kN    |
| Precision class                 | P0         |
| Bore Diameter (mm)              | 80,000     |
| Outer Diameter (mm)             | 140,000    |
| Radial clearance class          | CN         |
| Min operating temperature, Tmin | -40 °C     |
| Max operating temperature, Tmax | 120 °C     |
| Characteristic cage             | 0.44 Hz    |

|                                               |          |
|-----------------------------------------------|----------|
| frequency, FTF                                |          |
| Characteristic outer ring frequency, BPF0     | 8.71 Hz  |
| Characteristic inner ring frequency, BPF1     | 11.29 Hz |
| Characteristic rolling element frequency, BSF | 7.53 Hz  |