

# INA CSXA047 deep groove ball bearings

We work closely 45 mm d with our INA CSXA047 deep groove ball bearings 85 mm D manufacturing partners to bring the best value to customers.

|                                 |           |
|---------------------------------|-----------|
| d                               | 45 mm     |
| D                               | 85 mm     |
| B                               | 23 mm     |
| D1                              | 75.6 mm   |
| rs min                          | 1.1 mm    |
| Number of lubrication holes     | 3         |
| b                               | 5.8 mm    |
| k                               | 2.5 mm    |
| Associated sleeve reference     | H309      |
| e                               | 0.26      |
| Y1                              | 2.64      |
| Y2                              | 3.94      |
| Y0                              | 2.58      |
| Radial clearance class          | C4        |
| Mass                            | 0.45 kg   |
| Dynamic load, C                 | 116 kN    |
| Static load, C0                 | 106 kN    |
| Fatigue limit load, Cu          | 11.8 kN   |
| Nref                            | 7,500 rpm |
| Nlim                            | 9,800 rpm |
| Min operating temperature, Tmin | -40 °C    |
| Max operating temperature, Tmax | 200 °C    |

|   |         |
|---|---------|
| Characteristic cage frequency, FTF            | 0.42 Hz |
| Characteristic rolling element frequency, BSF | 6.07 Hz |
| Characteristic outer ring frequency, BPF0     | 6.73 Hz |
| Characteristic inner ring frequency, BRFI     | 9.27 Hz |
| da min  | 52 mm   |
| Da max  | 78 mm   |
| ra max  | 1 mm    |