

# INA K35X40X17 needle roller bearings

INA K35X40X17 needle roller bearings Engineering Calculator , Manufacturing Service . 31.75 mm d 28.58 mm B Get Your Free.

|                                               |           |
|-----------------------------------------------|-----------|
| d                                             | 31.75 mm  |
| D                                             | 76.2 mm   |
| B                                             | 28.58 mm  |
| C                                             | 23.02 mm  |
| T                                             | 29.37 mm  |
| d1                                            | 58.5 mm   |
| a                                             | 23.57 mm  |
| e                                             | 0.55      |
| Y2                                            | 1.1       |
| Y0                                            | 0.6       |
| Mass                                          | 0.69 kg   |
| Dynamic load, C                               | 78 kN     |
| Rating life coefficient, A2                   | 1.9       |
| Static load, C0                               | 105 kN    |
| Fatigue limit load, Cu                        | 12.8 kN   |
| Nlim (oil)                                    | 6,800 rpm |
| Nlim (grease)                                 | 5,100 rpm |
| Min operating temperature, Tmin               | -40 °C    |
| Max operating temperature, Tmax               | 120 °C    |
| Characteristic cage frequency, FTF            | 0.43 Hz   |
| Characteristic rolling element frequency, BSF | 6.92 Hz   |
| Characteristic outer ring frequency, BPF0     | 7.8 Hz    |
| Characteristic inner ring frequency, BRFI     | 10.2 Hz   |

|         |        |
|---------|--------|
| ra max  | 0.8 mm |
| r1a max | 3.3 mm |