

Ruville 5546 wheel bearings

Ruville 5546 wheel bearings Needs 86 mm B Analysis 180 mm d ,
Manufacturing Service . Get Your Free.

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| d | 180 mm |
| D | 320 mm |
| B | 86 mm |
| D1 | 286.8 mm |
| rs min | 4 mm |
| Number of lubrication holes | 3 |
| b | 18 mm |
| k | 8 mm |
| e | 0.25 |
| Y1 | 2.74 |
| Y2 | 4.08 |
| Y0 | 2.68 |
| Radial clearance class | C3 |
| Mass | 28.94 kg |
| Dynamic load, C | 1,450 kN |
| Static load, C0 | 1,660 kN |
| Fatigue limit load, Cu | 144 kN |
| Nref | 1,800 rpm |
| Nlim | 2,600 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 | 6.11 Hz |
| Characteristic outer ring frequency, BPF0 | 7.58 Hz |

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|---|----------|
| Characteristic inner ring frequency, BPFI | 10.42 Hz |
| da min | 197 mm |
| Da max | 303 mm |
| ra max | 3 mm |