

Loyal RKS.161.16.1314 Medium size crossed cylindrical roller slewing bearing with an external gear

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|-----------------------------|-----------|
| d | 160 mm |
| D | 290 mm |
| B | 80 mm |
| D1 | 258.7 mm |
| rs min | 3 mm |
| Number of lubrication holes | 3 |
| b | 16.9 mm |
| k | 8 mm |
| Associated sleeve reference | H3132 |
| e | 0.25 |
| Y1 | 2.69 |
| Y2 | 4 |
| Y0 | 2.63 |
| Radial clearance class | CN |
| Mass | 23 kg |
| Dynamic load, C | 1,220 kN |
| Static load, C0 | 1,390 kN |
| Fatigue limit load, Cu | 120 kN |
| Nref | 2,000 rpm |

| | |
|---|-----------|
| Nlim | 2,800 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 | 6.17 Hz |
| Characteristic outer ring frequency, BPF0 | 7.6 Hz |
| Characteristic inner ring frequency, BRFI | 10.4 Hz |
| da min | 174 mm |
| Da max | 276 mm |
| ra max | 2.5 mm |