

LS GEG140ES plain bearings

Welcome to the LS GEG140ES plain bearings 98,425 Bore Diameter (mm) 168,275 Outer Diameter (mm) online 98.425×168.275×41.275 Size (mm) seller.

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|-------------------------------|-----------------------|
| Size (mm) | 98.425×168.275×41.275 |
| Bore Diameter (mm) | 98,425 |
| Outer Diameter (mm) | 168,275 |
| Width (mm) | 41,275 |
| d | 98,425 mm |
| D | 168,275 mm |
| T | 41,275 mm |
| B | 41,275 mm |
| C | 30,162 mm |
| ra1 max. | 3,3 mm |
| a | 3 mm |
| Da | 149 mm |
| db | 109 mm |
| ra max. | 3,5 mm |
| da | 116 mm |
| Db | 160 mm |
| Weight | 3,56 Kg |
| Basic dynamic load rating (C) | 222 kN |
| Basic static load rating (C0) | 340 kN |
| (Grease) Lubrication Speed | 2 100 r/min |
| (Oil) Lubrication Speed | 2 800 r/min |
| Calculation factor (e) | 0,47 |
| Calculation factor (Y0) | 0,7 |

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|---|-----------|
| d1 | 133.5 mm |
| e | 0.47 |
| Y2 | 1.28 |
| Y0 | 0.7 |
| Mass | 3.56 kg |
| Dynamic load, C | 222 kN |
| Rating life coefficient, A2 | 1.4 |
| Static load, C0 | 340 kN |
| Fatigue limit load, Cu | 38.1 kN |
| Nlim (oil) | 2,800 rpm |
| Nlim (grease) | 2,100 rpm |
| Min operating temperature, Tmin | -40 °C |
| Max operating temperature, Tmax | 120 °C |
| Characteristic cage frequency, FTF | 0.45 Hz |
| Characteristic rolling element frequency, BSF | 8.76 Hz |
| Characteristic outer ring frequency, BPF0 | 10.26 Hz |
| Characteristic inner ring frequency, BPI | 12.74 Hz |
| ra max | 3.5 mm |
| r1a max | 3.3 mm |