



Main

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|---------------------------|--------------------------|
| Range compatibility | Lexium 32 |
| Product or component type | Planetary gearbox |
| Gear box type | Straight teeth |
| Device short name | GBX |
| Gearbox external diameter | 2.36 in (60 mm) |
| Product compatibility | BMH1402... BSH1402... |
| Reduction ratio | 9:1 |

Complementary

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| Torsional backlash | < 20 arc.min |
| Torsional rigidity | 2.5 N.m/arcmin |
| Housing colour | Black |
| Housing material | Black anodized aluminium |
| Shaft material | C 45 |
| Additional information | Lubricated for life |
| Service life in hours | At 100 rpm at 86 °F (30 °C) |
| Efficiency | 94 % |
| Maximum radial force Fr | 340 N at 100 rpm, force applied at mid-distance from output shaft during 30000 hour at 30 °C 500 N at 100 rpm, force applied at mid-distance from output shaft during 10000 hour at 30 °C |
| Maximum axial force Fa | 450 N at 100 rpm, during 30000 hour at 30°C 600 N at 100 rpm, during 10000 hour at 30°C |
| Continuous output torque | 389.38 lbf.in (44 N.m) at 100 rpm at 86 °F (30 °C) |
| Maximum output torque | 619.47 lbf.in (70 N.m) at 100 rpm at 86 °F (30 °C) |
| Product weight | 2.2 lb(US) (1 kg) |

Environment

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|-----------------------------------|----------------------------|
| Noise level | 58 dB at 1 m, no-load |
| IP degree of protection | IP54 on shaft output |
| Ambient temperature for operation | -13...194 °F (-25...90 °C) |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Contractual warranty

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|-----------------|-----------|
| Warranty period | 18 months |
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