

# Product data sheet

Specifications



gearbox with straight teeth GBX- Ø 60 mm- reduction 15:1- < 20arcmin- 44 N.m

GBX0600150702F

! Discontinued

! Discontinued on: Sep 20, 2022

! To be end-of-service on: Mar 31, 2025

## Main

|                           |                          |
|---------------------------|--------------------------|
| 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     | BSH0702...<br>BMH0702... |
| Reduction Ratio           | 15:1                     |

## Complementary

|                            |  |
|----------------------------|--|
| Maximum 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      | 30000 h 100 rpm 86 °F (30 °C)  |
| Efficiency                 | 94 %   |
| Maximum Radial Force Fr    | 340 N 100 rpm, force applied at mid-distance from output shaft during 30000 hour at 30 °C<br>500 N 100 rpm, force applied at mid-distance from output shaft during 10000 hour at 30 °C |
| Maximum Axial Force Fa     | 450 N 100 rpm, during 30000 hour at 30°C<br>600 N 100 rpm, during 10000 hour at 30°C   |
| Continuous Output Torque   | 389.43 lbf.in (44 N.m) 100 rpm 86 °F (30 °C)   |
| Maximum Output Torque      | 619.55 lbf.in (70 N.m) 100 rpm 86 °F (30 °C)   |
| Net Weight                 | 2.20 lb(US) (1 kg)   |

## Environment

|                                   |                            |
|-----------------------------------|----------------------------|
| Noise Level                       | 58 dB 1 m, no-load         |
| Ip Degree Of Protection           | Shaft output IP54          |
| Ambient Temperature For Operation | -13...194 °F (-25...90 °C) |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

## Packing Units

|                              |     |
|------------------------------|-----|
| Unit Type Of Package 1       | PCE |
| Number Of Units In Package 1 | 1   |

## Contractual warranty

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