

# Product data sheet

Specifications



gearbox with straight teeth GBX- Ø 40 mm- reduction 9:1- < 28arcmin- 16.5 N.m

GBX0400091001F

⚠ Discontinued on: Mar 31, 2022

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## Main

Range Compatibility	Lexium 32
Product Or Component Type	Planetary gearbox
Gear Box Type	Straight teeth
Device Short Name	GBX
Gearbox External Diameter	40 mm
Product Compatibility	BSH1001... BMH1001...
Reduction Ratio	9:1

## Complementary

Maximum Torsional Backlash	28 arc.min
Torsional Rigidity	1.1 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 at 100 rpm at 30 °C
Efficiency	94 %
Maximum Axial Force Fa	200 N at 100 rpm, during 10000 hour at 30°C 160 N at 100 rpm, during 30000 hour at 30°C
Continuous Output Torque	16.5 N.m at 100 rpm at 30 °C
Maximum Output Torque	26 N.m at 100 rpm at 30 °C
Net Weight	0.45 kg

## Environment

Ip Degree Of Protection	Shaft output: IP54
Ambient Temperature For Operation	-25...90 °C

## Packing Units

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

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

Warranty	18 months
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