

Product data sheet

Specifications



gearbox with straight teeth GBX- Ø 40 mm- reduction 4:1- < 24arcmin- 15 N.m

GBX0400040572G

ⓘ Discontinued

Main

Range Compatibility	Lexium 05
Product Or Component Type	Planetary gearbox
Gear Box Type	Straight teeth
Device Short Name	GBX
Gearbox External Diameter	40 mm
Reduction Ratio	4:1

Complementary

Maximum Torsional Backlash	24 arc.min
Torsional Rigidity	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	96 %
Mounting Position	Any position
Maximum Radial Force Fr	200 N at 100 rpm, force applied at mid-distance from output shaft during 10000 hour at 30 °C 160 N at 100 rpm, force applied at mid-distance from output shaft during 30000 hour at 30 °C
Maximum Axial Force Fa	160 N at 100 rpm, during 30000 hour at 30°C
Moment Of Inertia	0.022 g.cm²

Environment

Noise Level	55 dB at 1 m, no-load
Ip Degree Of Protection	Shaft output: IP54
Ambient Temperature For Operation	-25...90 °C

Contractual warranty

Warranty	18 months
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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