

Product data sheet

Specifications



gearbox with straight teeth GBX- Ø
40 mm- reduction 3:1- < 24arcmin-
11 N.m

GBX0400030553F

⚠ Discontinued

Main

Range Compatibility	Lexium 32 Lexium 15
Product Or Component Type	Planetary gearbox
Gear Box Type	Straight teeth
Device Short Name	GBX
Gearbox External Diameter	40 mm
Reduction Ratio	3:1

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	200 N at 100 rpm, during 10000 hour at 30°C 160 N at 100 rpm, during 30000 hour at 30°C
Moment Of Inertia	0.031 g.cm²

Environment

Ambient Temperature For Operation	-25...90 °C
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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