



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	BSH1401...
Reduction ratio	3:1

Complementary

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	At 100 rpm at 30 °C
Efficiency	94 %
Maximum radial force Fr	160 N at 100 rpm, force applied at mid-distance from output shaft during 30000 hour at 30 °C 200 N at 100 rpm, force applied at mid-distance from output shaft during 10000 hour at 30 °C
Maximum axial force Fa	160 N at 100 rpm, during 30000 hour at 30°C

Environment

Ambient temperature for operation	-25...90 °C
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Contractual warranty

Warranty period	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