



Commercial status

End of Commercialisation :

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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	120 Mm
Product compatibility	BSH1001...
Reduction ratio	32:1

Complementary

Maximum torsional backlash	12 Arc.Min
Torsional rigidity	13 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 %
Mounting position	Any position
Maximum radial force Fr	1500 N at 100 rpm, force applied at mid-distance from output shaft during 30000 hour at 30 °C 2000 N at 100 rpm, force applied at mid-distance from output shaft during 10000 hour at 30 °C
Maximum axial force Fa	2100 N at 100 rpm, during 30000 hour at 30°C 2800 N at 100 rpm, during 10000 hour at 30°C
Shaft moment of inertia	1.3 G.Cm ²
Continuous output torque	260 N.M at 100 rpm at 30 °C
Maximum output torque	416 N.M at 100 rpm at 30 °C
Net weight	8 Kg

Environment

Noise level	65 DB at 1 m, no-load
IP degree of protection	Shaft output: IP54
Ambient air temperature for operation	-25...90 °C

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Contractual warranty

Warranty	18 months
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Product Life Status : **End of commercialisation**

GBX1200321001F may be replaced by any of the following products:



GBK1201003F

adaptation kit for motor/gear-box combination

Qty 1

Reason for Substitution: End of life | Substitution date: 07 Jan 2012 |



GBX120032K

gearbox straight teeth GBX - Ø 120 mm - reduction 32:1 < 9 arc.min - 260 N.m

Qty 1

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