

Main

Range compatibility	Lexium 05
Product or component type	Planetary gearbox with straight teeth
Device short name	GBX
Product compatibility	BRH0571
Casing diameter	40 mm
Reduction ratio	5:1
Additional information	Lubricated life

Complementary

Torsional backlash	< 24 °
Torsional rigidity	1 Nm/arcmin
Housing colour	Black
Housing material	Black anodized aluminium
Shaft material	C 45
Service life in hours	30000 h 100 rpm 30 °C
Mounting position	Any position
Efficiency	96 %
Maximum radial force Fr	160 N 100 rpm force applied at mid-distance from output shaft during 30000 hour at 30 °C 200 N 100 rpm force applied at mid-distance from output shaft during 10000 hour at 30 °C
Maximum axial force Fa	160 N 100 rpm during 30000 hour at 30°C 200 N 100 rpm during 10000 hour at 30°C
Shaft moment of inertia	0.019 kg.cm ²
Continuous output torque	14 N.m 100 rpm 30 °C
Maximum output torque	22 N.m 100 rpm 30 °C
Product weight	0.35 kg

Environment

Noise level	55 dB 1 m no-load
IP degree of protection	IP54 at shaft output
Ambient temperature for operation	-25...90 °C