



Main

Range compatibility	Lexium ILA Lexium ILE Lexium ILS Lexium 32 Lexium 62 ILM Lexium 52 Lexium 62
Product or component type	Planetary gearbox
Gear box type	Straight teeth
Device short name	GBX
Product compatibility	ILM MH3 SH3 ILS (57 mm, 3 motor stacks) ILS (57 mm, 2 motor stacks) ILS (57 mm, 1 motor stacks) ILA (57 mm, 2 motor stacks) ILA (57 mm, 1 motor stacks) ILE (66 mm, 2 motor stacks) ILE (66 mm, 1 motor stacks) BSH (55 mm, 1 motor stacks)
Gearbox external diameter	60 mm
Reduction ratio	40:1

Complementary

Torsional backlash	< 12 arc.min
Torsional rigidity	2.5 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
Mounting position	Any position
Efficiency	94 %
Maximum radial force Fr	340 N at 100 rpm, force applied at mid-distance from output shaft during 30000 hour at 30 °C
Maximum axial force Fa	450 N at 100 rpm, during 30000 hour at 30°C
Moment of inertia	0.064 kg.cm²
Continuous output torque	40 N.m at 100 rpm at 30 °C
Maximum output torque	64 N.m at 100 rpm at 30 °C
Product weight	1.1 kg

Environment

Noise level	58 dB at 1 m, no-load
IP degree of protection	IP54 on shaft output
Ambient temperature for operation	-25...90 °C

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1129 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available Download Product Environmental
Product end of life instructions	Need no specific recycling operations