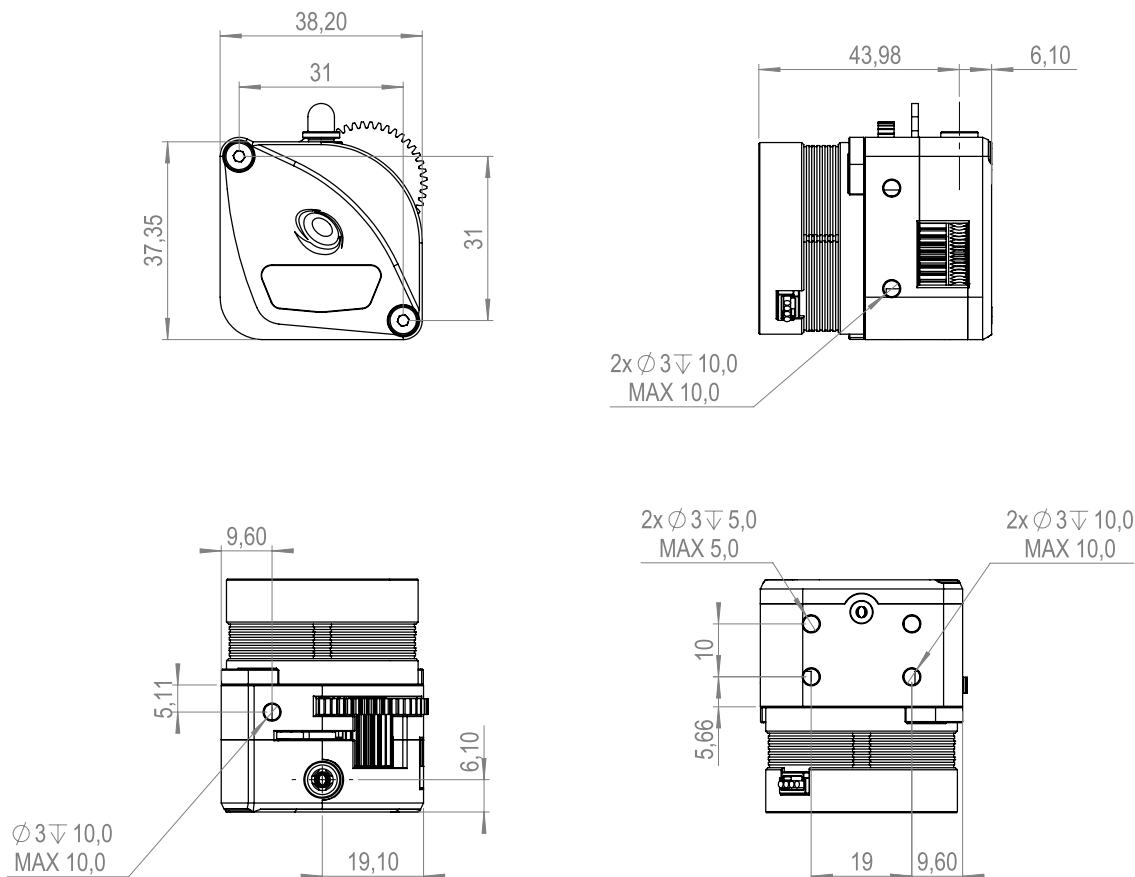


#extruder

EXT01LGX41005

SKU



NAME LGX Lite V2 Mirrored

TYPE Extruder

SKU EXT01LGX41005

Specifications

E-Steps	562 @ 1/16 microstepping 1124 @ 1/32 microstepping
Drive Wheels	Hardened Steel
Top Fitting Tube OD	4.10 mm
Materials Compatibility	Abrasive, rigid, semi- flexible, flexible and soft
Mounting	bottom (4 points); right (2 points), left (1 point), front to motor (2 points), top (1 point)
Max Tightening Torque	0.3Nm
Housing	PA 12 GF
Working Temperature	Up to 100°C
Net Weight	Extruder 56g + Motor 90g = Total 146g
Motor Insulation Class	Class-H
Push Force	3.5kg @700mA

Comments

Nitrocarburized SS1914, Surface coating
See drawing above for more details about mounting points location and thread dept
SLS printed housings with glass filled Nylon (PA12 GF) Motor selfheating ~80°C @ 1000mA + Chamber temp must not exceed 180°C
Up to 180°C

Specifications

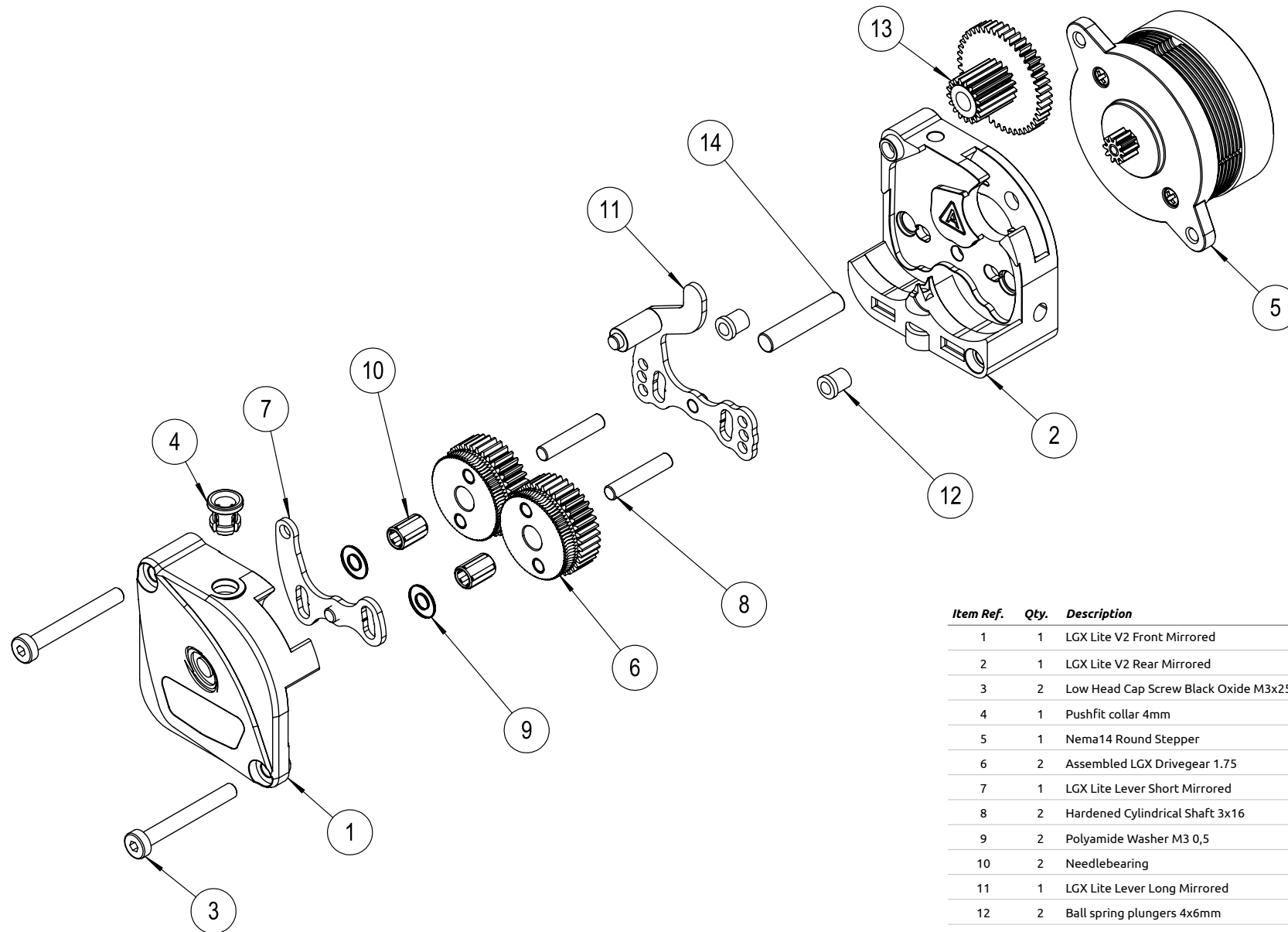
Tension	Adjustable with 2 fixed positions
Recommended Current	450-700mA
MAX Peak Current	1.0A (Not Recommended)
Stepper Motor	Nema14 Round Stepper 20mm Ø36mm
Motor Connector	JST-XH 4-pin connector
Filament Diameter	1.75 mm
Lubrications	Berutox FB22
CE Certified	Yes
RoHS	Yes
REACH	Yes

Comments

0 Open, Abrasive, 1 Rigid Materials 2 Semi- flexible, Flexible/Soft
Never use more than 90% of MAX Peak Current.
Visual inspection every 100 print hours. Clean and apply new lubrication on the gears

#extruder

EXT01LGX41005
SKU



Item Ref.	Qty.	Description	Article Number
1	1	LGX Lite V2 Front Mirrored	10097-06
2	1	LGX Lite V2 Rear Mirrored	M3X25L
3	2	Low Head Cap Screw Black Oxide M3x25	12016
4	1	Pushfit collar 4mm	13013
5	1	Nema14 Round Stepper	15134
6	2	Assembled LGX Drivegear 1.75	15097-MIR
7	1	LGX Lite Lever Short Mirrored	STIFT3X16M6
8	2	Hardened Cylindrical Shaft 3x16	BRICKAM3PLAST
9	2	Polyamide Washer M3 0,5	K3X5X7
10	2	Needlebearing	15096-MIR
11	1	LGX Lite Lever Long Mirrored	GN614KU4
12	2	Ball spring plungers 4x6mm	15070
13	1	44T/17T Doublegear PBT 20% GF	STIFT4X20M6
14	1	Hardened Cylindrical Shaft 4x20	12016