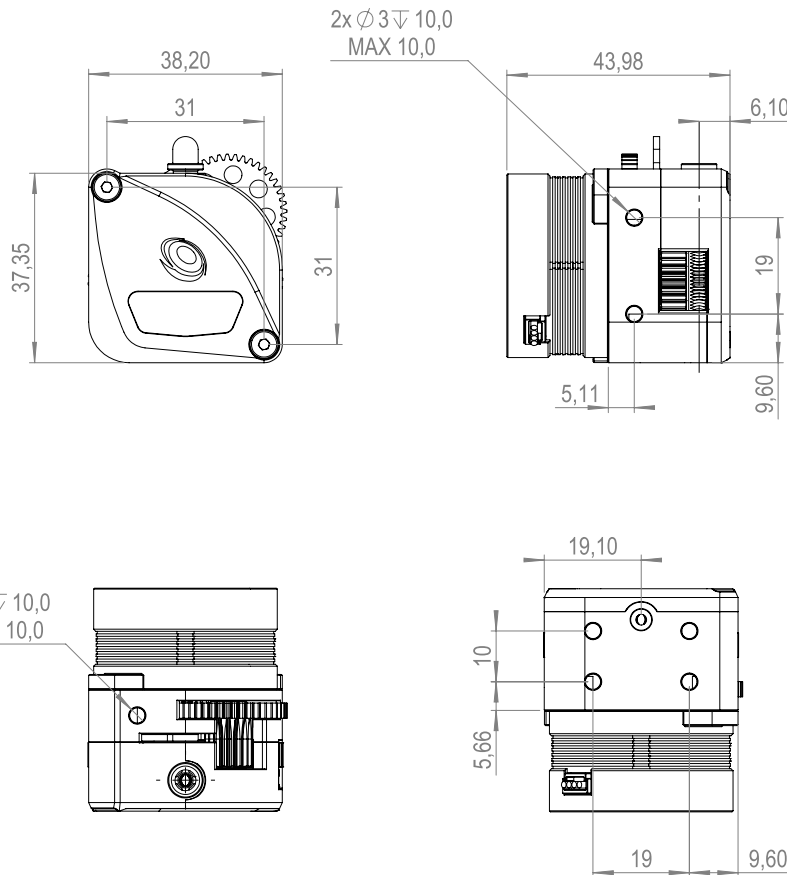


#extruder

EXT01LGX41011

SKU



NAME LGX Lite V2 mirrored
w/ Steel Drive Train

TYPE Extruder

SKU EXT01LGX41011

Specifications

ESTEP	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
Weight	150 g
Motor Insulation Class	Class-H

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
Net weight
Up to 180°C

Specifications

Push Force	
Tension	Adjustable with 2 fixed positions
MAX Peak Current 1.0A	Recommended current 450-700mA
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

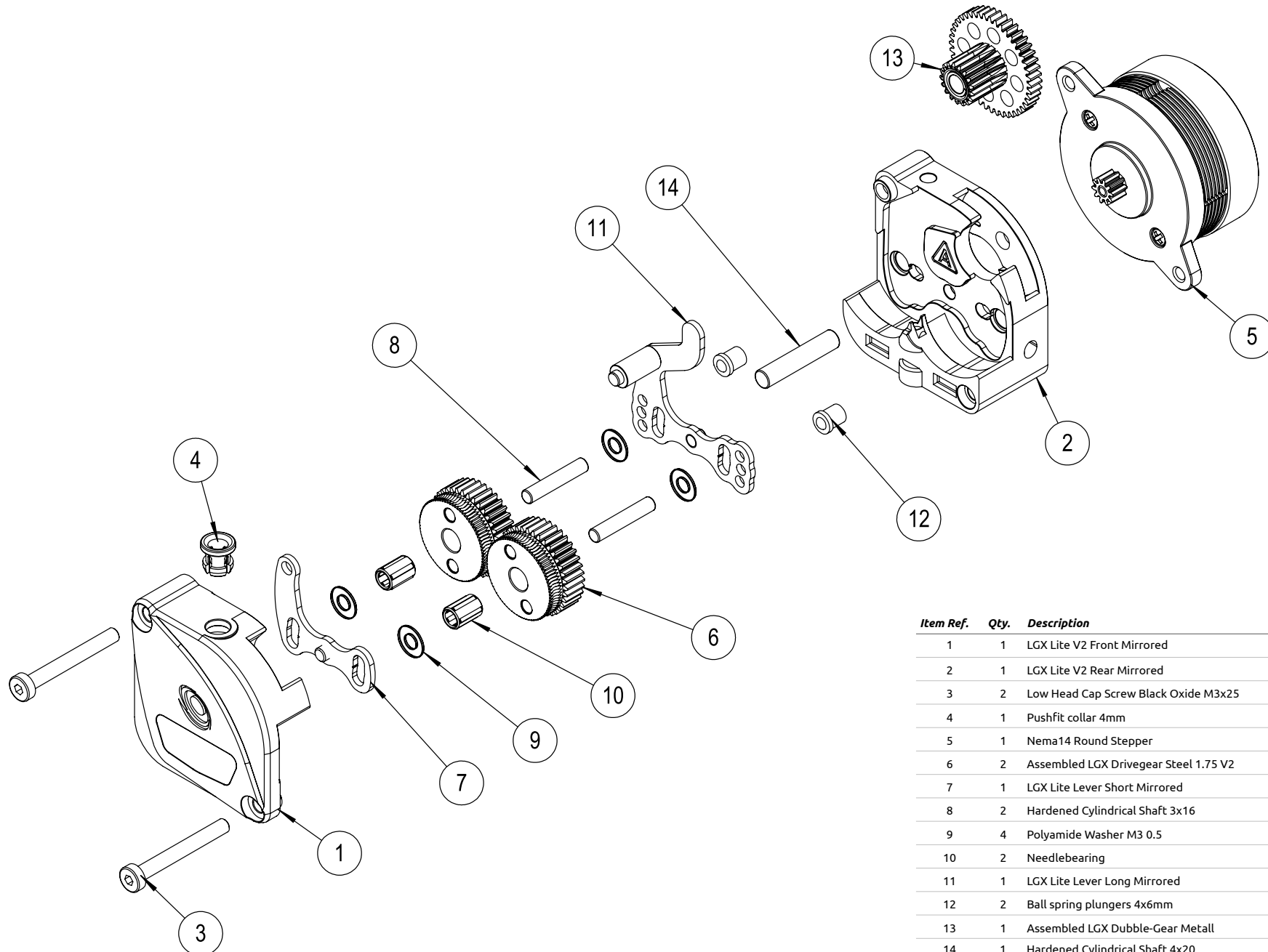
Comments

Abrasive, 1 Rigid Materials. 2 Semi-flexible, Flexible/Soft
3.5kg @700mA

Visual inspection every 100 print hours. Clean and apply new
lubrication on the gears

#extruder

EXT01LGX41011
SKU



Item Ref.	Qty.	Description	Article Number
1	1	LGX Lite V2 Front Mirrored	10097-05
2	1	LGX Lite V2 Rear Mirrored	10097-06
3	2	Low Head Cap Screw Black Oxide M3x25	M3X25L
4	1	Pushfit collar 4mm	12016
5	1	Nema14 Round Stepper	13013
6	2	Assembled LGX Drivegear Steel 1.75 V2	15162
7	1	LGX Lite Lever Short Mirrored	15097-MIR
8	2	Hardened Cylindrical Shaft 3x16	STIFT3X16M6
9	4	Polyamide Washer M3 0.5	BRICKAM3PLAST
10	2	Needlebearing	K3X5X7
11	1	LGX Lite Lever Long Mirrored	15096-MIR
12	2	Ball spring plungers 4x6mm	GN614KU4
13	1	Assembled LGX Dubble-Gear Metall	15146
14	1	Hardened Cylindrical Shaft 4x20	STIFT4X20M6