



Vacuum Non-magnetic Piezo Stage



2023 V1

For customized projects please Contact us:
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Vacuum Non-magnetic Piezo Stage – ST-LS3-0618NM

Our ST-LS3-0618NM is a vacuum non-magnetic piezo stage. It has 18mm stroke and repeatability up to +/-500nm, with a maximum load capacity up to 1kg.

Feature

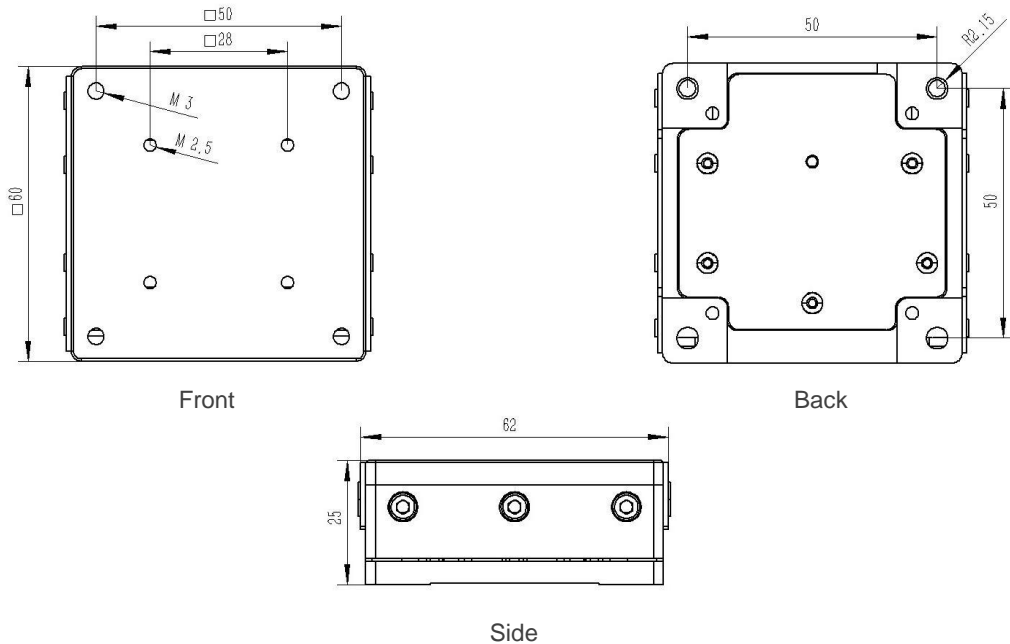
- Piezoelectric motor drive, self-locking when power off, saving energy and reducing heat generation
- Simple and compact design
- Grating feedback, optional resolution
- Can be used in optical assembly, micro-nano processing, laser, automation and other fields



Specification

Model	ST-LS3-0618NM
Stroke(mm)	18
Driver	Piezoelectric Motor
Maximum Load Capacity(KG)	1
Maximum Speed(mm/s)	100
Minimum Step Size(nm)	300
Repeatability(nm)	+/-500
Material	Aluminum Alloy
Weight(KG)	0.3

Drawings



Vacuum Non-magnetic Piezo Stage – ST-LS3-0770V

Our ST-LS3-0770V is a vacuum non-magnetic piezo stage. It has 70mm stroke and repeatability up to +/-500nm, with a maximum load capacity up to 10kg.

Feature

- Piezoelectric motor drive, self-locking when power off, saving energy and reducing heat generation
- Simple and compact design
- Grating feedback, optional resolution
- Can be used in optical assembly, micro-nano processing, laser, automation and other fields
- Can be applied to a vacuum environment of 10-5pa



Specification

Model	ST-LS3-0770V
Stroke(mm)	70
Driver	Piezoelectric Motor
Maximum Load Capacity(KG)	10
Maximum Speed(mm/s)	100
Minimum Step Size(nm)	150
Repeatability(nm)	+/-500
Vacuum Compatible	10-5pa
Position Feedback	Sensor grid
Material	Stainless Steel
Weight(KG)	2.5

Drawings

