



MICRO-POSITIONING ACTUATOR

60mm TRAVEL

DATASHEET ISP13A656FP0001-A

Update : 12/14/2022



High travel micro-positioning space actuator.

1 - Application

This actuator is adapted to application where positioning is required with high rigidity, thermodynamic stability, and lightness...

The market targeted is space.

2 - Description

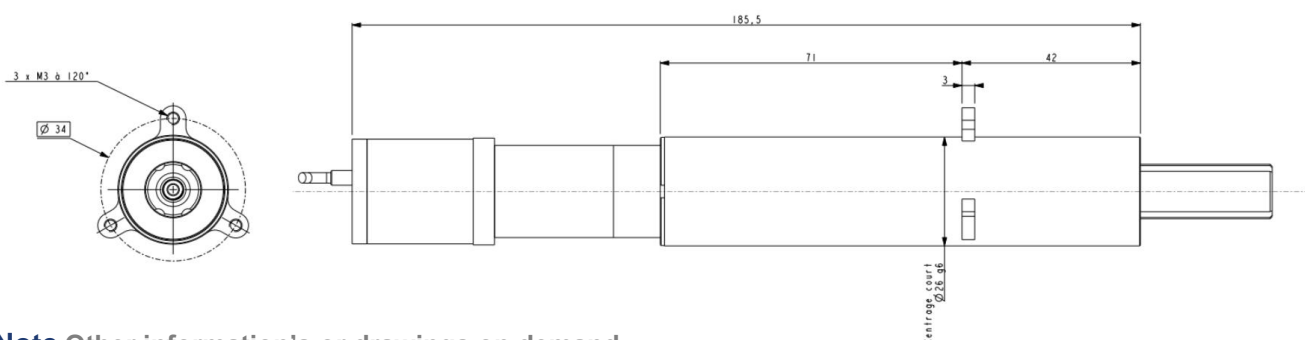
- Stepper motor
- Antirotating shaft
- High efficiency screw
- Electrical connector MIL-D38999
- Protected with paint and coating for harsh environment
- Temperature range -80°C, +60°C
- Certified to MIL-STD-810

All our products can be customized to match your exact requirements

3 - Technical Data

CHARACTERISTIC	SPECIFICATIONS
Travel	60 mm
Movement resolution	50 nm/step
Force	50 N
Weight	350 g
Material	Aluminum
Electrical specification	24 V, 600mA current
Qualifications	Sinus: 0-21Hz: 11g 21-60Hz: 20g 60-100Hz: 6g Aléatoire : 20Hz : 0,03g ² /Hz 50Hz : 3g ² /Hz 70Hz : 3g ² /Hz 200Hz : 0,006g ² /Hz 2000Hz : 0,006g ² /Hz Cold starting : -80°C Operating : +60°C Operation in UHV, steaming at 120°C

4 - Dimensions (mm) for 60mm-travel actuator



Note Other information's or drawings on demand

ISP SYSTEM
Z.I. de la Herray
65500 VIC-EN-BIGORRE – France

+33 (0)5 62 33 44 44
contact@isp-system.fr

www.isp-system.fr

Capital de 1 000 000 € - SIRET : 410 675 078 00027 – APE : 71128 – TVA : FR 19 410 675 078