

Overview

Fluid Dynamic Actuator

www.elmspace.space

ElmSpace introduces a new class of attitude control actuators. These robust fluid-dynamic actuators (FDAs) are suitable for pico up to micro satellite classes and provide a high torque output with extremely low jitter during operation. They operate wear free and show no zero-crossing problems inherent to reaction wheel assemblies.



Further advantages are:

- superior efficiency
- high shock resistance
- adaptable to satellite side wall geometries

FDA for CubeSats

Max. Angular Momentum	Torque	Max. Power
1-20 mNms	up to 50 mNm	1-3 W

Interface Options

- RS-422
- CAN 2.0

Further information on request

ElmSpace