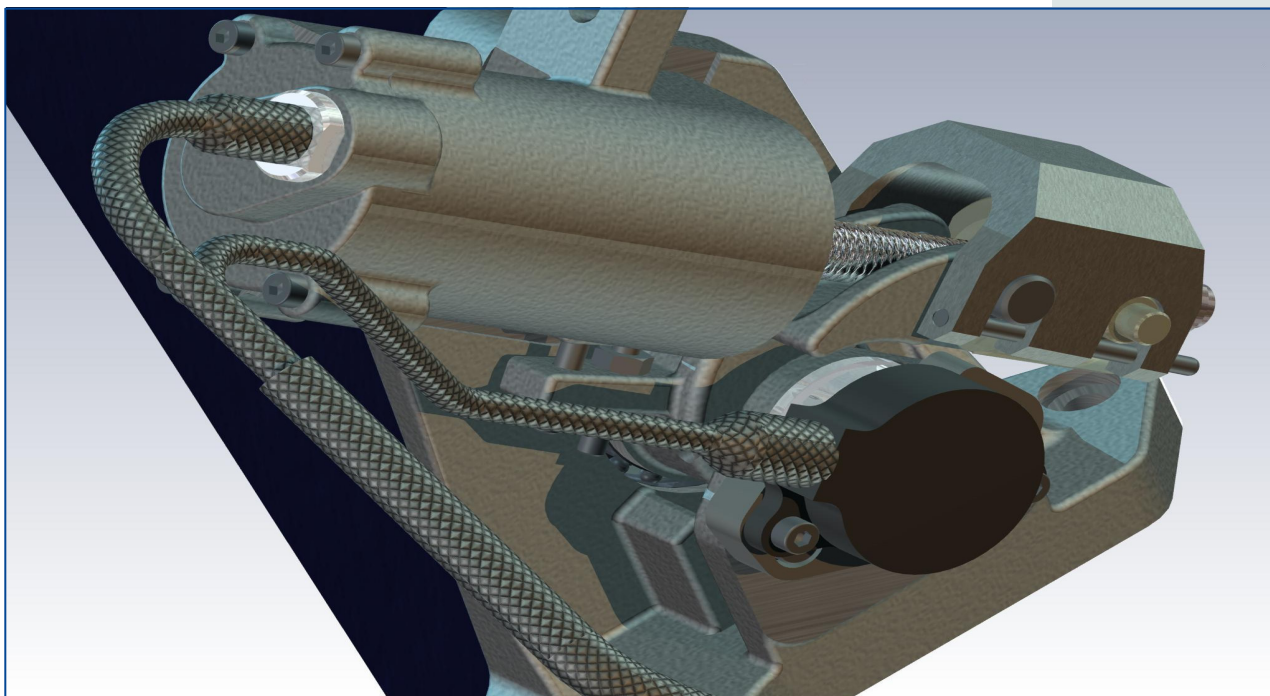




Fin Actuator EMA

Actuator Specification

Motor Type		3 Phase Brushless	
Winding Type		Single Channel	
Commutation Sensor		Hall Effects	
Stroke		32mm	1.26 in
Nominal Linear Speed		46mm / sec	1.80 in / sec
Nominal Force		0.6 kN	135 lb
Force (at reduced rate)		1.9 kN	427 lb
Accuracy		± 0.2% of full stroke	
Actuator working temperature	Continuous	-55°C to 125°C	- 67 to +257°F
	10% of life	250°C	482°F
Degree of Protection		IP67	
Operating Voltage		42 Vdc	
Weight		0.32 kg	0.70 lb
Diameter (Main Body)		33mm	1.30 in
Length		136mm	5.35 in
Life		Application dependant	



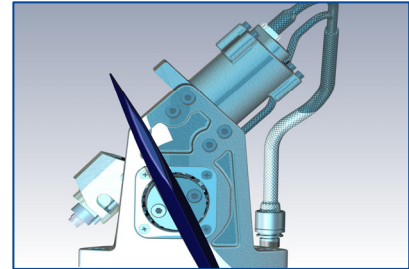
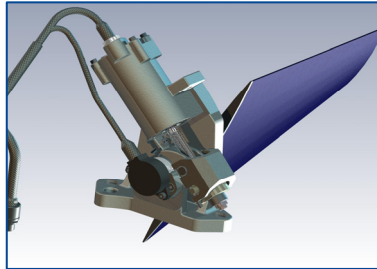
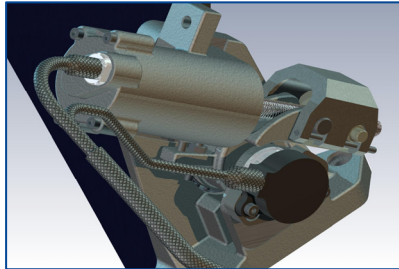


Fin Actuator EMA

Major Components

The major components of a typical direct drive linear actuator could comprise:

- Ballscrew/Rollerscrew/Acme Screw
- Commutation Sensor (Dual)
- Linear Position Sensor (Dual)
- Brushless DC Motor (Redundant Wound)



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