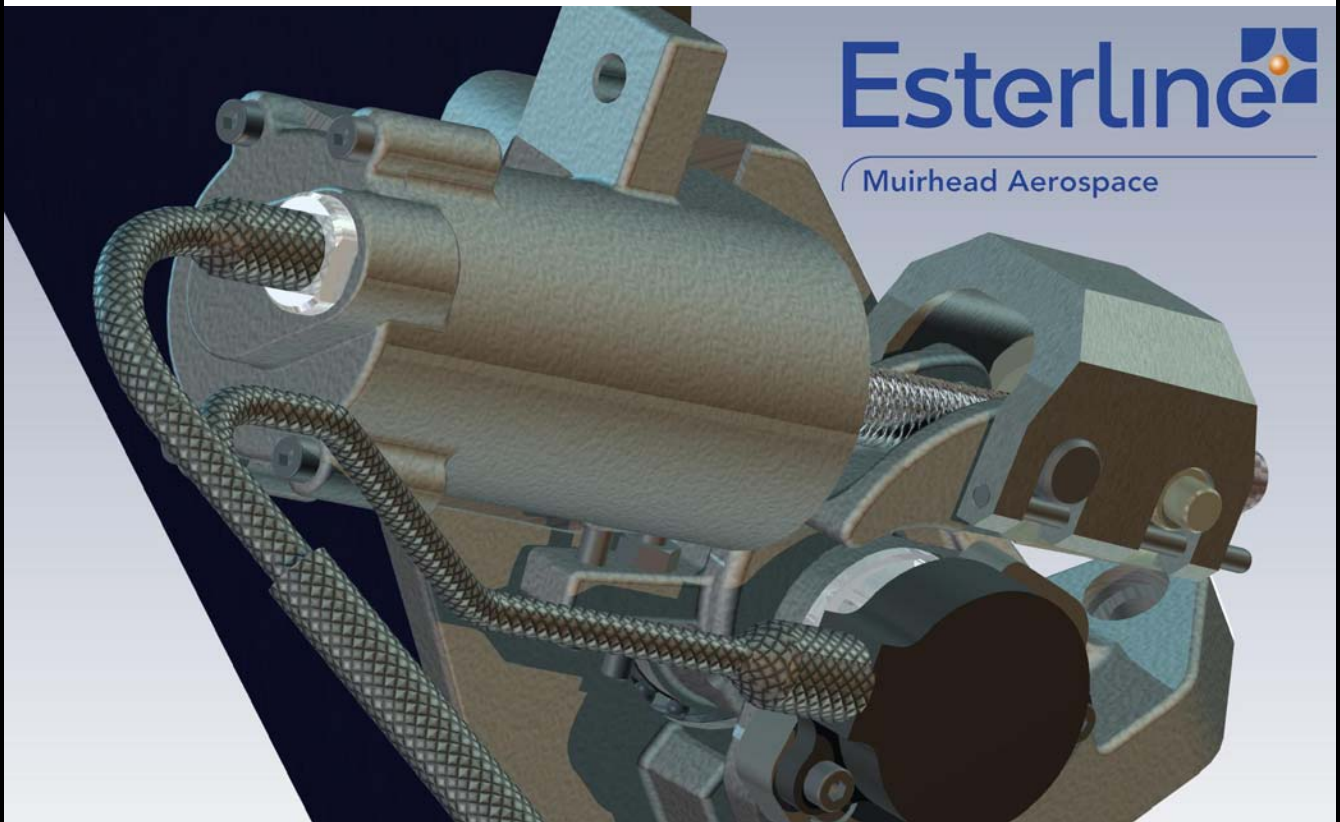




Actuator Specification

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		



Esterline

Muirhead Aerospace



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)

