



HYBRID (EXTERNAL) LINEAR ACTUATORS

Stepper Motor Linear Actuators

Helix hybrid stepper motor actuators feature heavy duty ball bearings to maximize their thrust. Helix lead screws are securely laser welded into the motor's rotor to minimize backlash and provide years of dependable life. Bipolar for more power and unipolar

windings are available, both providing quiet and smooth operation with your drive. Helix can also provide a high performance drive for your application. Optional accessories available are connectors, wire harnesses, encoders and custom lead nuts.

HYBRID STEPPER MOTOR LINEAR ACTUATOR ORDERING GUIDE TABLE

SMA	8	S	2.1	E	012025	NFA	8.00"	T	M1	E200	A					
Series	Series Model	Motor Length	Voltage	Actuator Style	Lead Screw	Nut Style	Lead Screw Length	Series	Bearing Support	Encoder	Encoder Position					
SMA Stepper Motor Actuator	8	S Single Stack Motor	See product page for rated voltage availability	E Rotating Screw	See Lead Screw Table on Page 16	NTA Standard Freewheeling Nut /Threaded Mount	Length (inch) example: 8.00"	00 No Coating	M1 Universal Mount Single Bearing	00 No Encoder	A					
	11					NFA Standard Freewheeling Nut /Flanged Mount				ER Encoder Ready						
	14	D Double Stack Motor				F1 Flanged Mount Single Bearing				E200 200 CPR						
	17					T Triple Stack Motor			T H10X TM PTFE	E500 500 CPR	B					
	23	KTA Anti-Backlash Nut /Threaded Mount							00 No Mount	E1000 1000 CPR		00 N/A				
											KFA Anti-Backlash Nut /Flanged Mount					

EXAMPLE PART NUMBER: SMA - 8S2.1- E - 012025NFA - 8.00 - T - M1 - E200 - A