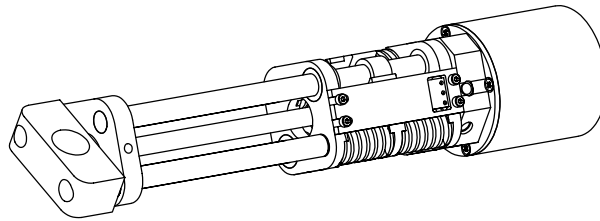
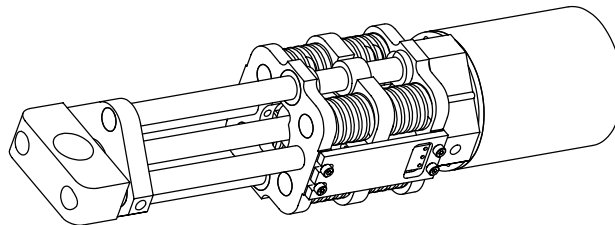


Yobotics Series Elastic Actuator models and specifications



SEA-23-23 : Electric Actuator with 2 mm lead ballscrew

Weight	2.5 lbs	1.1 kg
Stroke	up to 10"	up to .25 m
Diameter	2.3 in	58 mm
Length	stroke + 6"	stroke + .15 m
Maximum Speed	11 in/s	0.27 m/s
Continuous Force @ Maximum Speed	127 lbs	566 N
Continuous Power	0.22 hp	166 Watts
Intermittent Force @ Maximum Speed	300 lbs	1300 N
Intermittent Power	0.85 hp	629 Watts
Power to Weight	0.34 hp/lb	571 Watts/kg
Small Force Bandwidth	35 Hz	
Large Force Bandwidth	7.5 Hz	
Operating Voltage	36 Volts	
Maximum Current	20 amps	



SEA-23-28 : Electric Actuator with 0.125" lead ballscrew

Weight	3.7 lbs	1.7 kg
Stroke	up to 14"	up to .36 m
Diameter	2.7 in	69 mm
Length	stroke + 6"	stroke + .15 m
Maximum Speed	19.7 in/s	0.5 m/s
Continuous Force @ Maximum Speed	116 lbs	516 N
Continuous Power	0.35 hp	258 Watts
Intermittent Force @ Maximum Speed	500 lbs	2250 N
Intermittent Power	1.5 hp	1125 Watts
Power to Weight	0.4 hp/lb	662 Watts/kg
Small Force Bandwidth	35 Hz	
Large Force Bandwidth	7.5 Hz	
Operating Voltage	36 Volts	
Maximum Current	25 amps	