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# LINEAR ACTUATORS with Limit Switches

## SW-Series 2" 4", and 6" stroke 25 to 150 lbf loads



### Applications

- Open & close
- R.P.V.s
- Special effects
- Remote motion
- Robotics

### Features

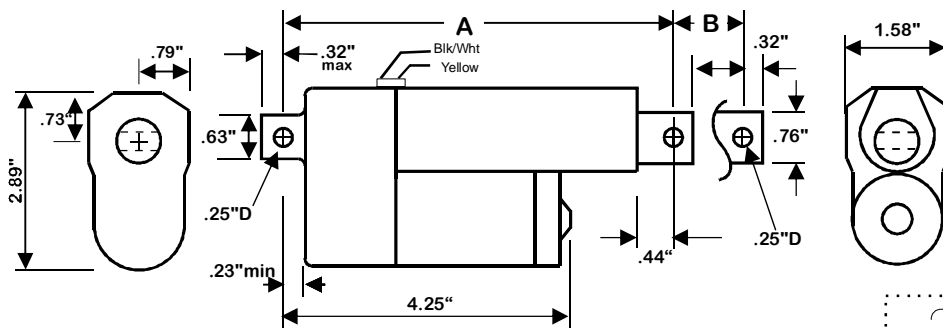
- Low cost models
- Long life motor options
- Speeds up to 3"/sec
- Compact sizes

### General

These compact and rugged actuators provide consistent performance in harsh environments. All SW-series actuators are offered in 2", 4", or 6" strokes with Limit Switches at end of strokes. (Non adjustable.) The SW10-Series are low cost actuators that come in 25, 40 or 75 lb. Loads, and 12 or 24 vdc motors. The W70-Series actuators have long life high performance DC core-less motors, that provides up to 150 lb loads.

### Specifications

		W10-SERIES	W70-SERIES
Stroke	2", 4", or 6".	Test Voltage	13.5vdc@ 6 amps
Drive	Acme screw		26vdc@ 3 amps
End play	<0.010in	Motor fuse	Thermal auto reset
Static load	300 lb	Motor temp.	-10°C to 65° C
Restraining torque	20 in lb	Duty cycle	30%
Housing	Al./zink (96hr salt spray)	Load/speed	25 lb @ 3"/sec
Mounting	Clevis 1/4" dia		40 lb @ 1.5"/sec
			75 lb @ 1"/sec



**Operation:**  
 To retract actuator, connect wht/blk lead to positive and the yellow lead to negative. Reverse polarity to extend. Use a double pole double throw switch.

**Caution:**  
 To protect wiring externally fuse each actuator. Use a 6 amp fuse for 12 volt units and a 3 amp fuse for 24 volt units.

SW-SERIES	A = IN	B = STROKE	WEIGHT
2" stroke	6.26	1.83	26oz
4" stroke	8.26	3.83	28oz
6" stroke	10.26	5.83	30oz

#### Ordering Information

Series	DC voltage	Load lb.	Stroke
10 or 70	12 or 24		2,4 or 6"

SW \_\_\_\_\_ / \_\_\_\_\_

