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**Design
 Tech., Inc.**
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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

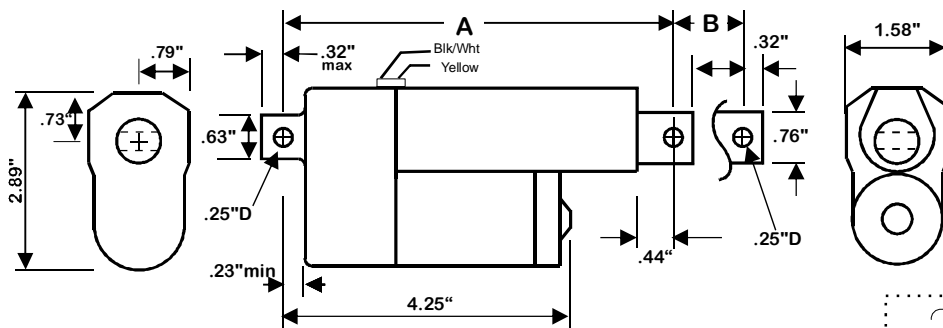
- Low cost models
- Long life motor options
- Speeds up to 3"/sec
- Compact sizes

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 _____ / _____

