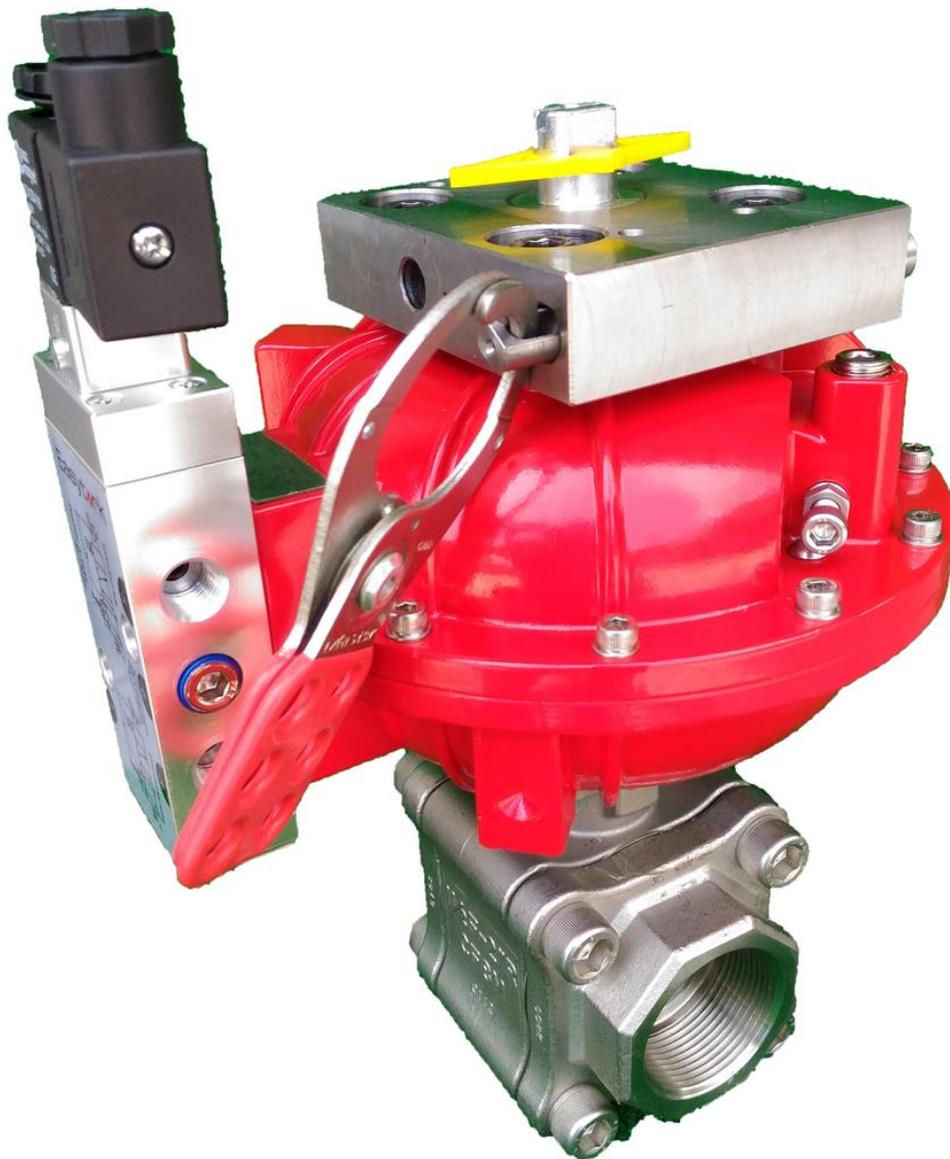


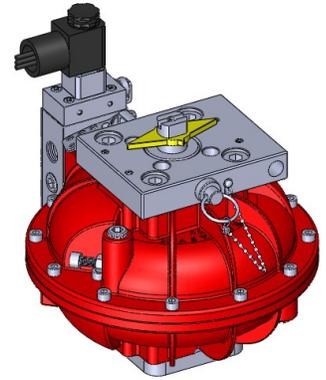
Easytork

Lockout and Partial Stroke



Lockout and Partial Stroke Test Device

Lockout & Partial Stroke Test (“PST”) device can be purchased as a kit and is easily adapted to EVA actuators. Tight tolerance between lockout pin and lockout shaft allows set up in full close or open position and prevent any rotation of the valve. PST mechanically blocks movement to assure that there is no overshoot of test angle. This mechanical design does not use complicated software or fragile wiring and is failure free even with frequent PST testing.



Other benefits include:

- No added hysteresis, no pinch point, compact, simple, easy to use and economic.
- Lockout and PST device does not affect the interfaces of actuator/valve or the attachments of ancillaries.
- Same unit for either Lockout or PST setup options with different pin.
- Pin can be safely secured with keeper chain and lockable on the device.
- Lockout set up is ideal for constant and repeatable torque-seated HPBV for zero valve rotation in close position for positive sealing.

Standards

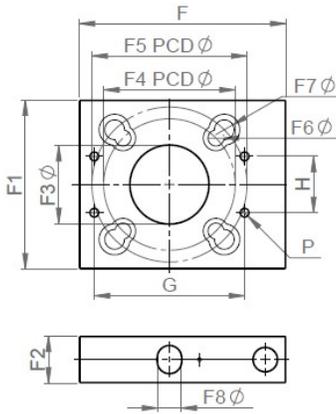
Lockout device fully complies with OSHA 1910.147 guidelines. This device allows for the ability to simply lockout valve and actuators in both the fully open and fully closed positions.

PST device is intended to help users comply with industry standards such as ISA S84 & IEC61508/61511 for emergency shutdown valve.

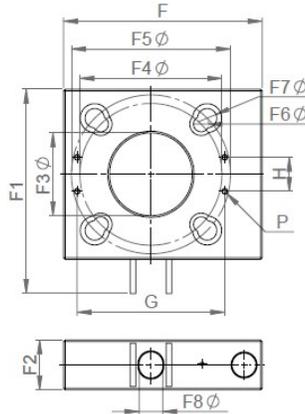
EVA-0309 to EVA-0717		EVA-1022 to EVA-1436		EVA-1646	
PST Setup	Lockout Setup	PST Setup	Lockout Setup	PST Setup	Lockout Setup
PST not available.	Lockable in open or close position.	PST in open position with short pin.	Lockable in open or close position.	PST in open position with short pin.	Lockable in open or close position.

Lockout and Partial Stroke Test Device Dimensions

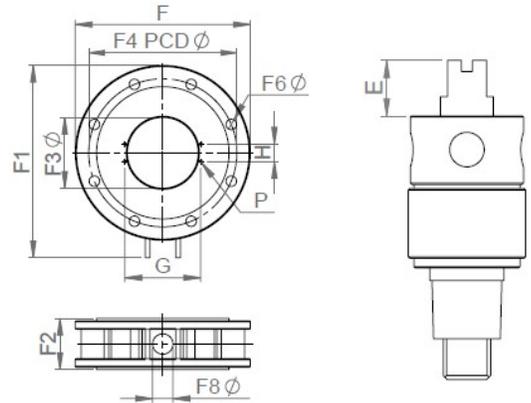
EVA-0309 to EVA-0717



EVA-1022 to EVA-1436



EVA-1646



Metric

Dimensions (mm)	Model							
	EVA-0309	EVA-0411	EVA-0514	EVA-0717	EVA-1022	EVA-1227	EVA-1436	EVA-1646
F	94.0	94.0	110.0	110.0	150.0	175.0	200.0	300.0
F1	55.0	55.0	90.0	90.0	156.0	180.0	204.0	330.0
F2	15.0	15.0	25.0	25.0	30.0	44.0	44.0	84.0
F3 Ø	20.0	28.0	35.0	41.6	55.0	73.0	94.0	121.5
F4 PCD Ø	42.0	42.0	50.0	70.0	125/127	125/127	140.0	254.0
F5 PCD Ø	50.0	50.0	82.6	82.6	-	140.0	165.0	-
F6 Ø	5.5	5.5	6.8	8.5	15.5	13.5	17.0	18.4
F7 Ø	6.8	6.8	10.5	10.5	-	17.0	21.0	-
F8 Ø	8.0	8.0	11.0	13.0	17.0	21.0	25.0	35.0
Actuator Dimensions of Accessories Flange								
G	80.0	80.0	80.0	80.0	80.0	130.0	130.0	130.0
H	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
E	20.0	20.0	20.0	20.0	30.0	30.0	30.0	30.0
P	4-M5x0.8 Deep8							

Imperial

Dimensions (inch)	Model							
	EVA-0309	EVA-0411	EVA-0514	EVA-0717	EVA-1022	EVA-1227	EVA-1436	EVA-1646
F	3.70	3.70	4.33	4.33	5.91	6.89	7.87	11.81
F1	2.17	2.17	3.54	3.54	6.14	7.09	8.03	12.99
F2	0.59	0.59	0.98	0.98	1.18	1.73	1.73	3.31
F3 Ø	0.79	1.10	1.38	1.64	2.17	2.87	3.70	4.78
F4 PCD Ø	1.65	1.65	1.97	2.76	4.92/5.00	4.92/5.00	5.51	10.00
F5 PCD Ø	1.97	1.97	3.25	3.25	-	5.51	6.50	-
F6 Ø	0.22	0.22	0.27	0.33	0.61	0.53	0.67	0.72
F7 Ø	0.27	0.27	0.41	0.41	-	0.67	0.83	-
F8 Ø	0.31	0.31	0.43	0.51	0.67	0.83	0.98	1.38
Actuator Dimensions of Accessories Flange								
G	3.15	3.15	3.15	3.15	3.15	5.12	5.12	5.12
H	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18
E	0.79	0.79	0.79	0.79	1.18	1.18	1.18	1.18
P	4x10-24UNC Deep0.31							

Patents: Lockout and Partial Stroke Test Device
China =278493 Taiwan = M447275, other countries pending

Ordering Codes

Lockout & PST Kit – Manual Version

Prefix	Product Type	Model Number	For Which Actuator		
			Actuator Size	LPST Material (Corrosion Rating)	Thread
K	- LPST	- X	- X	- X	X
K: Kit	LPST: Manual lockout & PST kit set	1: Easytork lockout & PST kit set	1: EVA-0309 ⁽¹⁾ 2: EVA-0411 ⁽¹⁾ 3: EVA-0514 ⁽¹⁾ 4: EVA-0717 ⁽¹⁾ 5: EVA-1022 6: EVA-1227 7: EVA-1436 8: EVA-1646	1: Standard version 2: Chemical resistant version	1: Imperial 2: Metric
				Note (1): Lockout only.	

<p>About</p> <p>We believe in selling “easy”. Easytork brings differentiating features and benefits to the process control industry through our focus on innovation and quality. Easytork has been awarded numerous awards including:</p> <p>2013 – Arch Grants Recipient</p> <p>2015 – Accelerate St. Louis</p> <p>2017 – Frost & Sullivan Product Innovation Award</p>	<p>Global Headquarters</p> <p>2505 Metro Blvd, Suite A / B Maryland Heights, MO 63043 USA</p> <p>Main Tel: +1-314-266-0670 Main Fax: +1-314-222-7057 info@easytork.com www.easytork.com</p>
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