



SV-25 Valve Specifications Table of Contents

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All PacSeal Hydraulics' SV Directional Control Valves are designed with ShearFlo® metal-to-metal sealing technology. ShearFlo® sealing technology features:

- High cycle life and anti-wear design is suitable for critical service applications, including contaminated fluids.
- Leak proof, contaminant resistant metal-to-metal seal is accomplished by lapping and polishing hardened stainless steel sealing elements to exacting standards of finish and flatness.
- The sealing elements are spring preloaded and pressure energized, which maintains contact between the two sealing surfaces at all times.

All SV Valves are tested to PacSeal's strict quality control standards to ensure proper function and reliability. Every ShearFlo® sealing component in a repair kit is inspected to ensure trouble-free performance after field maintenance and repair.

PacSeal Hydraulics' rotary SV Directional Control Valves direct fluid flow to one or two cylinder ports, based on the selected rotor and detent combination, as specified in the "Valve Shift Options" table.

The SV valves' modular design accommodates various operator options (manual and remote with manual override) to suit the application at hand. The options available for manual operation are as follows:

- Detented (2 or 3-position)
- Spring Centered (3-position)
- Pin Lock Detent (3-position)

The remote operator options with manual override are available in pneumatic or hydraulic with 2 or 3 positions as follows:

- Actuator Cylinder bracket mounted to valve
- SVX Integral Actuator assembled atop the valve providing higher efficiency and immediate actuation

Various porting options provide further customization, as follows:

- Inline
- Bottom
- Subplate
- Manifold

General Specifications

Port Size	1/4 in. NPT or SAE ORB
Working Pressure Options (Liquid)	3000 or 6000 psi
Working Pressure Options (Gas)	2000 or 4000 psi
Return Port Pressure	250 psi (Max) ¹
Proof Pressure	1.5X Working Pressure
Burst Pressure	2X Working Pressure
Cv Factor	0.95
Rated Flow	10 gpm
Leak Rate	0-1 drip/min.
Temp Rating	-40 to 250°F
Fluid Media	Hydraulic oil or lubricated water ²
Weight	See Installation Drawings

Materials

ShearFlo Sealing Components (Rotor and Seal Rings)	Hardened Stainless Steel ²
Shaft	Stainless Steel
Body	Stainless Steel
Housing	Carbon Steel
Handle, Detent Disc and Spacers, Hardware	Plated Carbon Steel
O-rings	Buna-N (N), Viton (V), or EPR (E)
Backup Rings	Teflon

¹ Full rated pressure (3000 or 6000 psi) with All Blocked Rotor option

² For water based media, special alloy seal rings may be required for optimum performance and durability - Contact PacSeal for details

Valve Shift Options

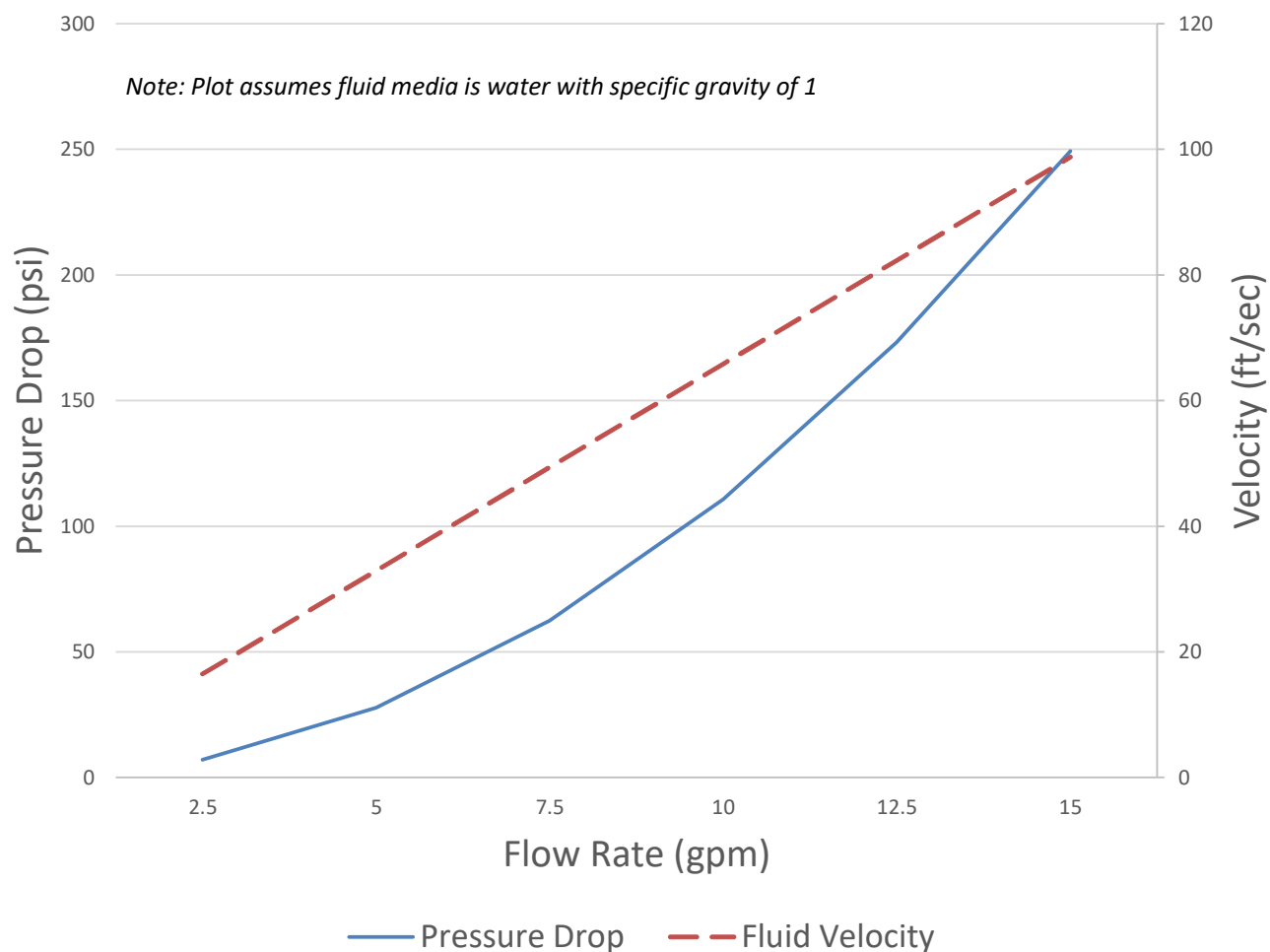
Detent Pattern	Valve Options
3-Position (4-way)	All Options
2-Position 90° (4-way)	All Options
2-Position 45° CW or CCW (3-way)	Selector, Manipulator, Open Center

Rotor Flow Options

Rotor Configuration	Center Position	CW or CCW Position
Manipulator	Cylinders drain to tank and pressure port blocked	Operates a cylinder port while the opposite port is returned to tank
Selector	Return port is open while cylinder and pressure ports are blocked	Operates a cylinder port while the opposite port is returned to tank
Bypass	Return port is open while cylinder and pressure ports are blocked	Operates a cylinder port while the opposite port is blocked
Open Center	Cylinder ports blocked while pressure and return ports are connected	Operates a cylinder port while the opposite port is returned to tank
All Blocked	All ports blocked. Case Drain Required	Operates a cylinder port while the opposite port is returned to tank



SV-25 Valve Pressure Drop and Fluid Velocity

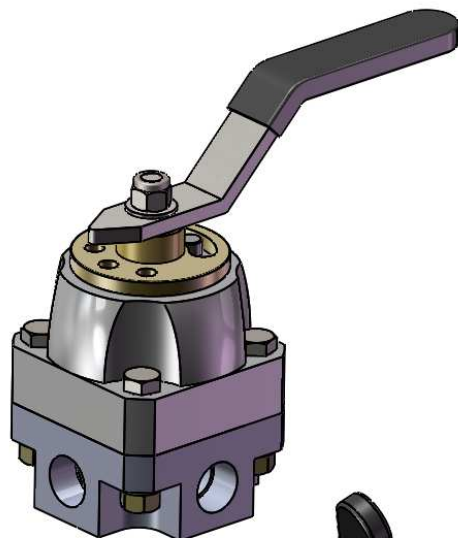


SV-25 Handle Torque (lb.-in.)

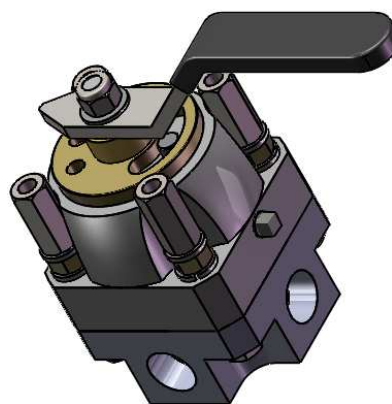
<u>Rotor Type</u>	<u>At 1500 psi</u> <u>Supply Pressure</u>	<u>At 3000 psi</u> <u>Supply Pressure</u>	<u>At 5000 psi</u> <u>Supply Pressure</u>	<u>At 6000 psi</u> <u>Supply Pressure</u>
<i>Selector</i>	15	26	39	47
<i>Bypass*</i>	23	36	60	70

*Note: Higher torque is a result of having two supply pressures from C1 and C2

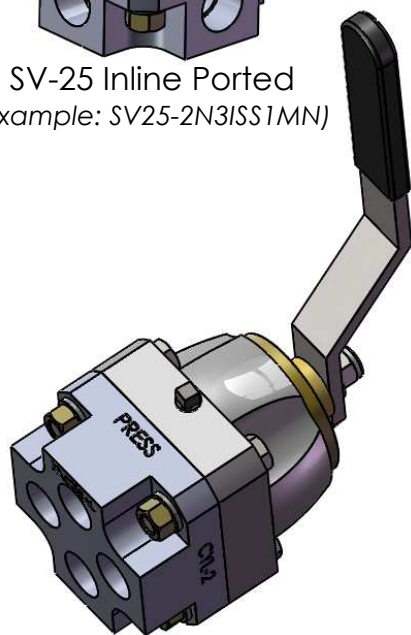
Model Code Configurator														
Basic Size	Port Size	Type of Ports	Pressure Rating (PSI)	Port Location	Bolts	Rotor Flow Pattern	Valve/Actuator Positions	Actuation Type	Handle	O-Ring	Actuator Cylinder Add-on ⁷	Nameplate Add-on	Sensor Options ⁶	Non-Interflow ⁵
SV25-	2 1/4"	N NPT S SAE M Manifold B Subplate ¹	3 3000 6 6000	I Inline / Side B Bottom	S Std Short L Long P Panel Mount N None ²	S Selector O Open Center M Manipulator B Bypass A All Blocked ³	1 3-Pos. 2 2-Pos. 90° 3 2-Pos. 45° CW 4 2-Pos. 45° CCW	N/A (see add-on)	M Standard Manual R Actuator Cylinder S Spring Centered ⁵ L Pin Lock Detent W Wing Handle V Vertical Handle ¹	N Buna-N V Viton E EPR	None (leave empty) -AL Air Cylinder, Left Mounted -AR Air Cylinder, Right Mounted -HL Hyd. Cylinder, Left Mounted -HR Hyd. Cylinder, Right Mounted	None (leave empty) -0 Blank	-SP1 Pressure Transducer (P Port) -SP2 Pressure Transducer (C1, C2 Ports) -SP3 Pressure Transducer (P, C1, C2 Ports) -P Proximity Switch -PX Proximity Switch, Exp. Proof	None (leave empty) -NF
SVX25-	2 1/4"	N NPT S SAE M Manifold B Subplate ¹	3 3000 6 6000	I Inline / Side B Bottom	N/A	S Selector O Open Center M Manipulator B Bypass A All Blocked ³	1 2-Pos. 90° (4W2P - 4W3P w/ Manual Override) 2 2-Pos. 45° CW (3W2P) 3 2-Pos. 45° CCW (3W2P) 4 3-Pos. 90° (4W3P) 6 2-Pos. 90° - Spring Centered (4W3P) ⁶ 7 2-Pos. 45° CCW - Snprie Centered (1W2P) ⁶		A Air - Direct Piloted H Hydraulic - Direct Piloted R Air - Solenoid Piloted U Hydraulic - Solenoid Piloted	S Straight W Wing N Indicator ³ V Vertical Handle ¹	N Buna-N V Viton E EPR	N/A	None (leave empty) -0 Blank	-L Linear Transducer ⁷ -LX Linear Transducer, Exp. Proof ⁷
¹ Not a standard Option														
² For Manifold Mount Option														

¹ Not a standard Option² For Manifold Mount OptionNotes: ³ No manual override⁴ Limited options available - call for availability⁵ Spring Centered Manual Operator is rated for 3000 psi only⁶ If rated for 6000 psi, high pressure seal rings are required - request kits accordingly.⁷ All actuator cylinders are 2-position 90° standard with manual override for 3rd position. 3-pos cylinders may be available but not standard.

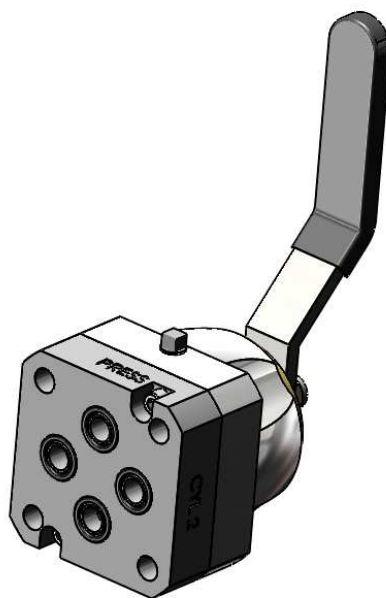
SV-25 Inline Ported
(Example: SV25-2N3ISS1MN)



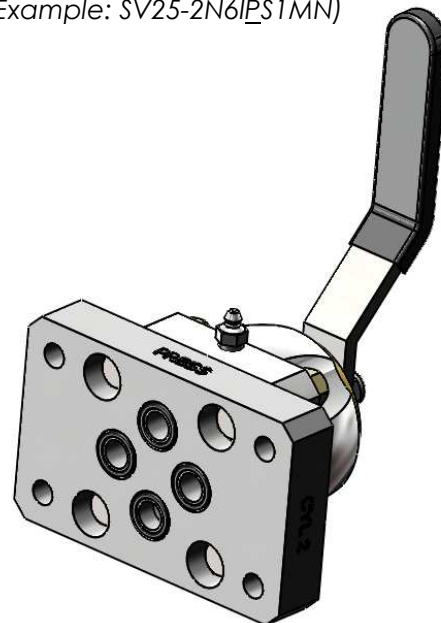
SV-25 Panel Mount
(Example: SV25-2N6IPS1MN)



SV-25 Bottom Ported
(Example: SV25-2N3BSS1MN)



SV-25 Manifold Ported
(Example: SV25-2M3BSS1MN)



SV-25 Subplate Ported
(Example: SV25-2S3BSS1MN)



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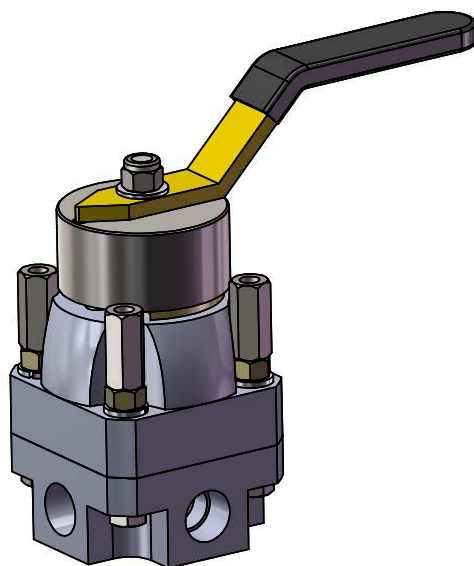
TITLE
SV-25 Porting Configurations Overview

SIZE
A

REV
9

SHEET 4 OF 15

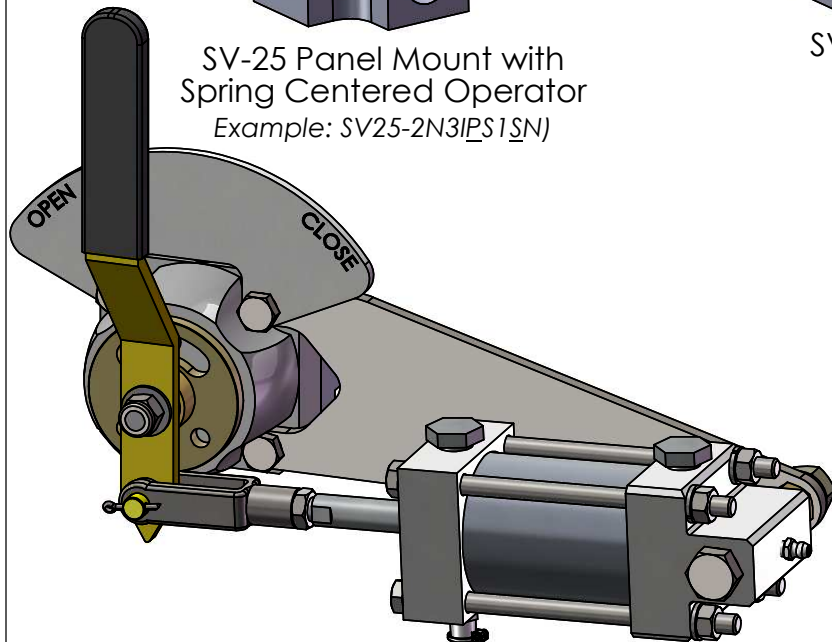
Model Code Configurator														Non-Interflow ⁵
Basic Size	Port Size	Type of Ports	Pressure Rating (PSI)	Port Location	Bolts	Rotor Flow Pattern	Valve/Actuator Positions	Actuation Type	Handle	O-Ring	Actuator Cylinder Add-on ⁷	Nameplate Add-on	Sensor Options ⁶	
SV25-	2 1/4"	N NPT S SAE M Manifold B Subplate ¹	3 3000 6 6000	I Inline / Side B Bottom	S Std Short L Long P Panel Mount N None ²	S Selector O Open Center M Manipulator B Bypass A All Blocked ¹	1 3-Pos. 2 2-Pos. 90° 3 2-Pos. 45° CW 4 2-Pos. 45° CCW A All Blocked ¹	N/A (see add-on)	M Standard Manual R Actuator Cylinder S Spring Centered ³ L Pin Lock Detent W Wing Handle V Vertical Handle ¹	N Buna-N V Viton E EPR	None (leave empty) -AL Air Cylinder, Left Mounted -AR Air Cylinder, Right Mounted -HL Hyd. Cylinder, Left Mounted -HR Hyd. Cylinder, Right Mounted	None (leave empty) -0 Blank	-SP1 Pressure Transducer (P Port) -SP2 Pressure Transducer (C1, C2 Ports) -SP3 Pressure Transducer (P, C1, C2 Ports) -P Proximity Switch -PX Proximity Switch, Exp. Proof	None (leave empty) -NF
SVX25-	2 1/4"	N NPT S SAE M Manifold B Subplate ¹	3 3000 6 6000	I Inline / Side B Bottom	N/A	S Selector O Open Center M Manipulator B Bypass A All Blocked ¹	1 2-Pos. 90° (4W2P - 4W3P w/ Manual Override) 2 2-Pos. 45° CW (3W2P) 3 2-Pos. 45° CCW (3W2P) 4 3-Pos. 90° (4W3P) 5 3-Pos. 90° - Spring Centered (4W3P) ⁴ 6 2-Pos. 45° CW - Spring Centered (3W2P) ⁵ 7 2-Pos. 45° CCW - Spring Centered (3W2P) ⁵	A Air - Direct Piloted H Hydraulic - Direct Piloted R Air - Solenoid Piloted U Hydraulic - Solenoid Piloted	S Straight W Wing N Indicator ³ V Vertical Handle ¹	N Buna-N V Viton E EPR	N/A	None (leave empty) -0 Blank	-L Linear Transducer ⁷ -LX Linear Transducer, Exp. Proof ⁷	N/A

¹ Not a standard Option² For Manifold Mount OptionNotes: ³ No manual override⁴ Limited options available - call for availability⁵ Spring Centered Manual Operator is rated for 3000 psi only⁶ If rated for 6000 psi, high pressure seal rings are required - request kits accordingly.⁷ All actuator cylinders are 2-position 90° standard with manual override for 3rd position. 3-pos cylinders may be available but not standard.

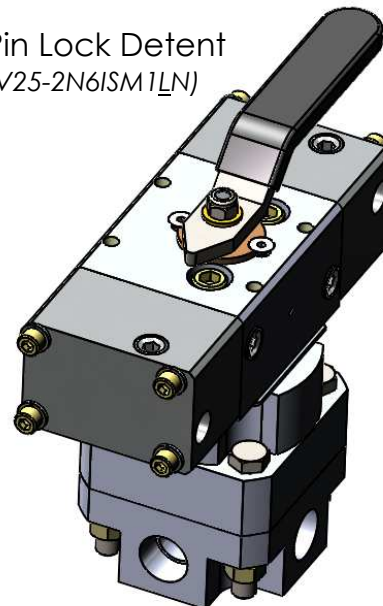
SV-25 Panel Mount with
Spring Centered Operator
Example: SV25-2N3IPS1N



SV-25 with Pin Lock Detent
(Example: SV25-2N6ISM1LN)



SV-25 with Air Cylinder Actuator
(Example: SV25-2N3ISS1RN-AR0)



SVX-25 with 2 Pos. 90° Air
Actuation
(Example: SVX25-2N3IS1ASN)



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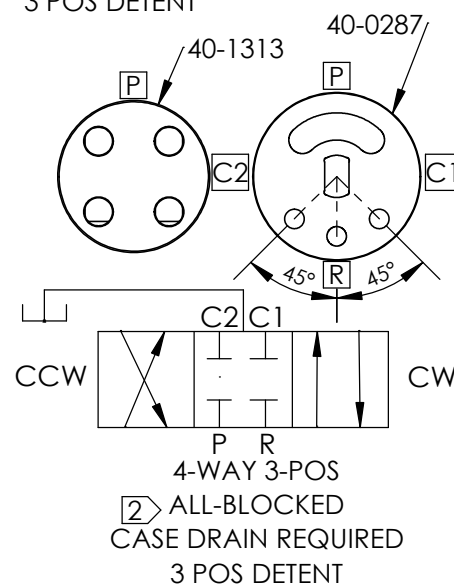
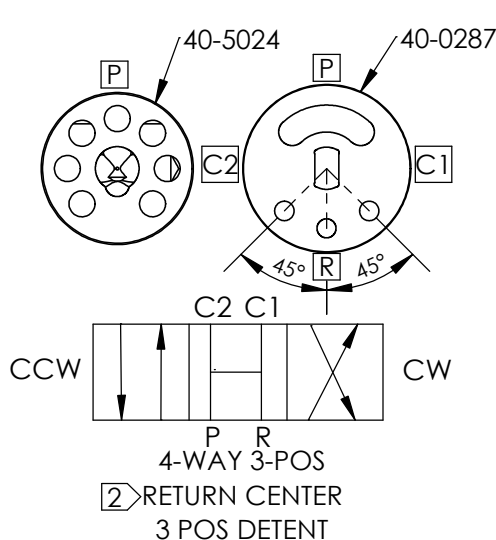
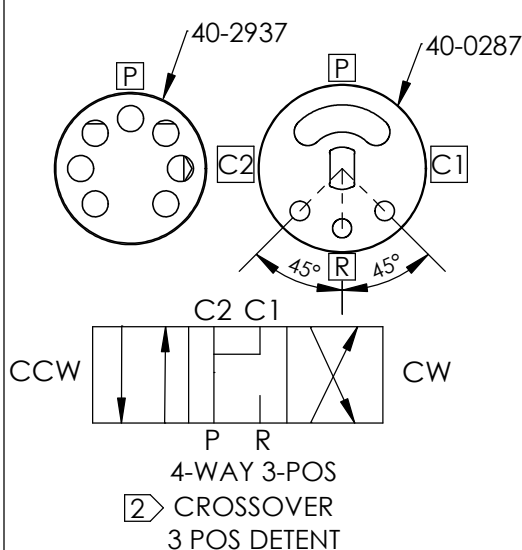
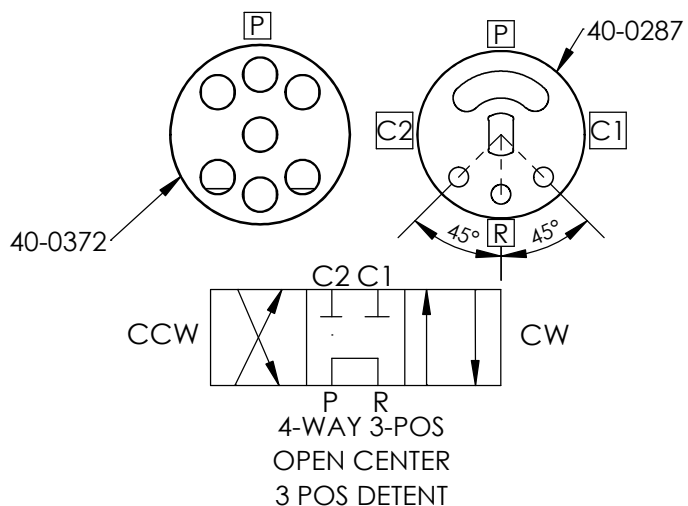
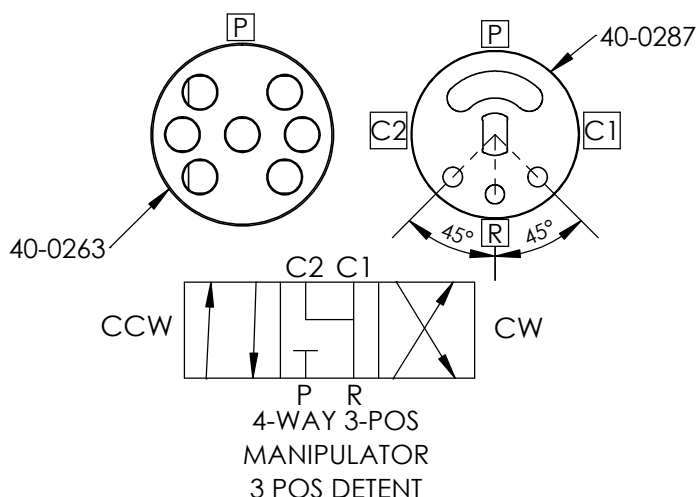
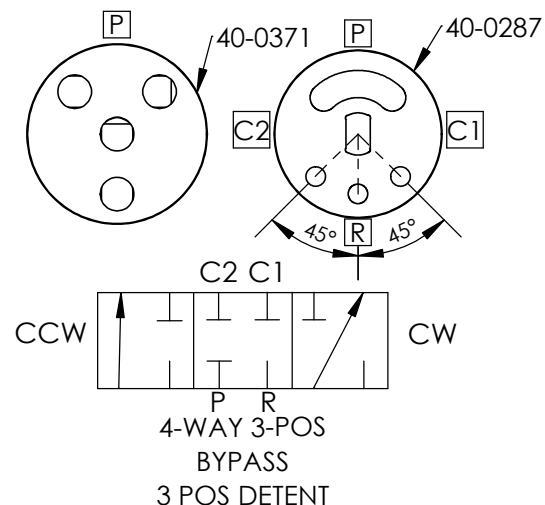
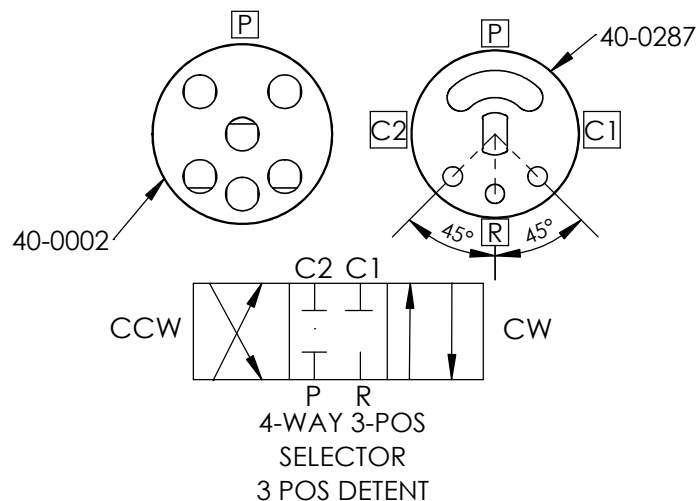
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TITLE **SV-25 Operator
Configurations
Overview**

SIZE **A**
REV **9**
SHEET 5 OF 15

Notes:

1. Rotor and Detent Disc Part No.'s displayed
2. Not a standard stock item



PacSeal Rotor Configurations	Common Industry Terminology
Manipulator	Motor Spool / Float Center
Selector	All Blocked / Closed Center
Bypass	Diverter
Open Center	Tandem Center
All Blocked	-
Return Center	Open Center
Crossover	-

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TITLE
SV-25 Rotor Flow and Detent Disc 3-Position Options

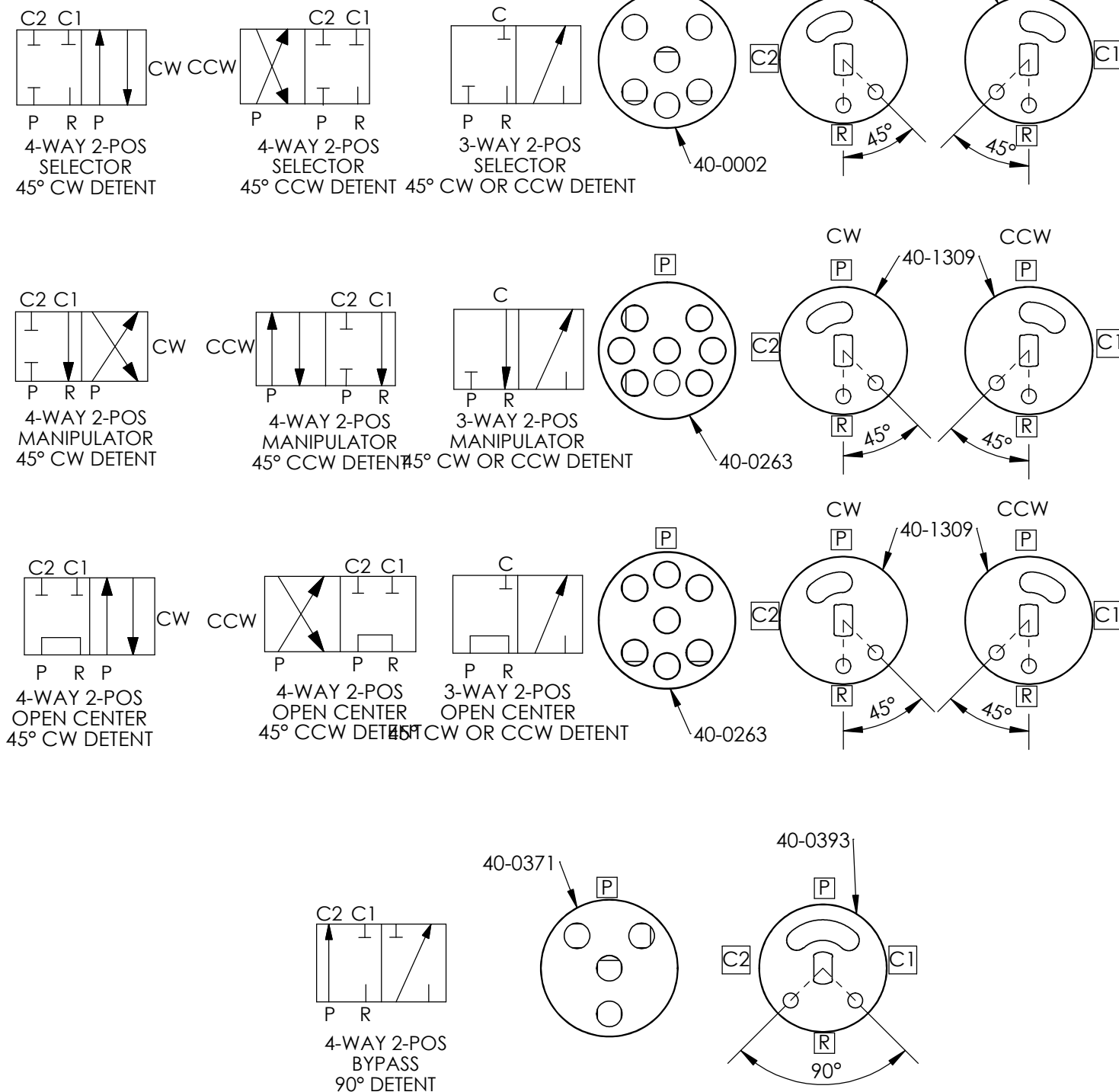
SIZE
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SHEET 6 OF 15

Notes:

- Rotor and Detent Disc Part No.'s displayed



PacSeal Rotor Configurations	Common Industry Terminology
Manipulator	Motor Spool / Float Center
Selector	All Blocked / Closed Center
Bypass	Diverter
Open Center	Tandem Center
All Blocked	-
Return Center	Open Center
Crossover	-

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TITLE
SV-25 Rotor Flow and Detent Disc 2-Position Options

SIZE
A

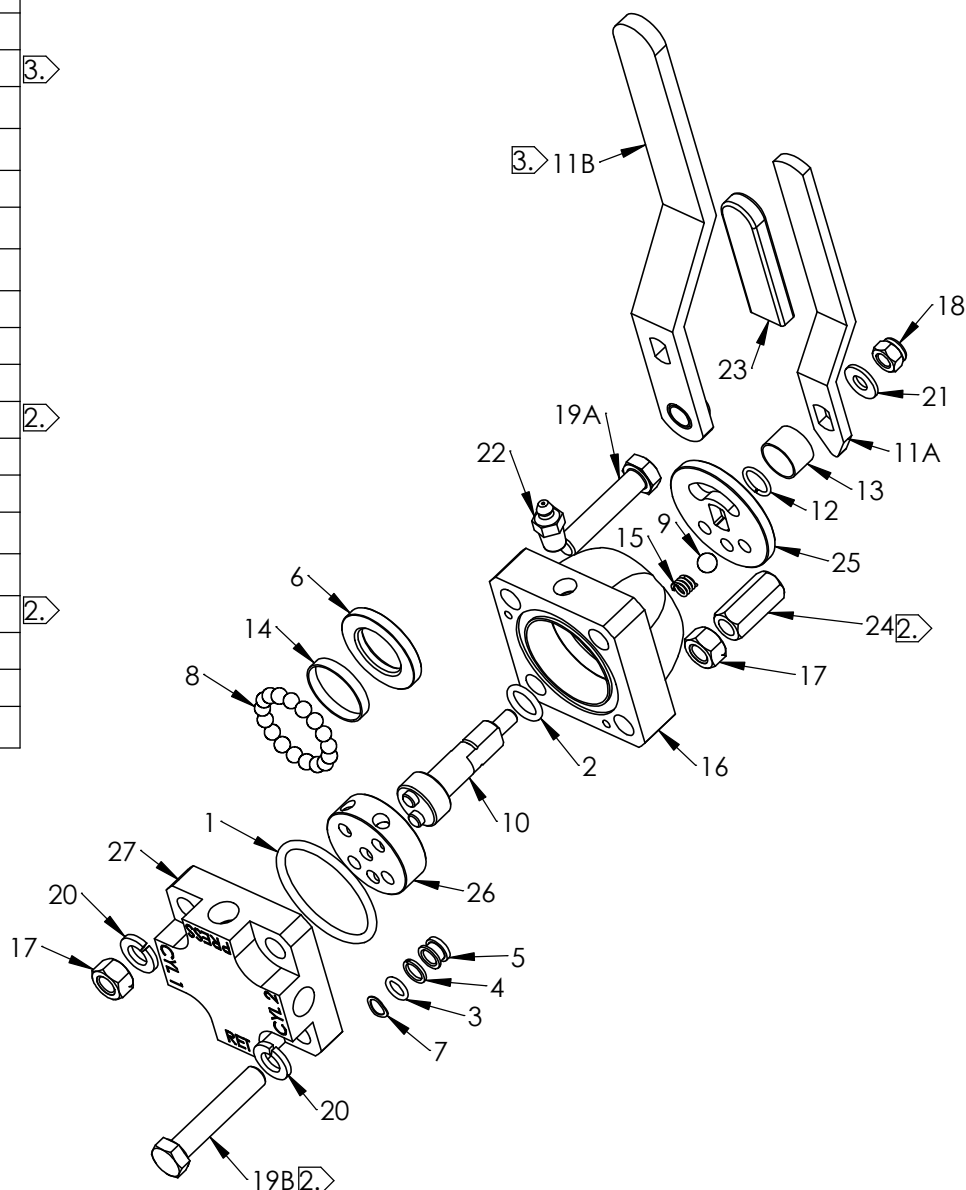
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SHEET 7 OF 15

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	23-1330	O-Ring	1
2	23-1337	O-Ring	1
3	23-1338	O-Ring	3
4	23-1339	Backup Ring	3
5	40-0001	Seal Ring	3
6	40-0003	Thrust Washer	1
7	40-0028	Wave Spring	3
8	40-0048	Ball, Bearing	17
9	40-0259	Ball, Bearing	1
10	40-0274	Shaft	1
11A	40-0279	Handle, Manual	1
11B	40-0648	Handle, Remote	1
12	40-0290	Retaining Ring	1
13	40-0293	Spacer, Handle	1
14	40-0294	Ball Retainer	1
15	40-0297	Spring	1
16	40-0352	Housing	1
17	50-0078	Hex Nut	4
18	50-0091	Locknut	1
19A	50-0097	Bolt	2
19B	50-0098	Bolt	2
20	50-0103	Lock Washer	4
21	50-0106	Washer, Shaft	1
22	50-0176	Grease Fitting	1
23	50-0238	Grip, Handle	1
24	50-0588	Nut, Panel Mount	2
25	Note 4	Detent Disc	1
26	Note 4	Rotor	1
27	Note 5	Body	1

Notes:

- Standard Inline Ported SV-25 shown for illustration purposes. (Refer to Model Configuration for options.)
- Panel Mount Option.
- Remote Handle Option
- See sheets 6-7 "Rotor and Detent Shift Options" for replacement parts.
- See sheet 9 "SV-25 Porting Options" for Body option part numbers.
- See sheets 10-14 for other operator and actuator options.
- Contact PacSeal for Viton or EPR O-rings.
- Refer to SV-25 Maintenance Instructions for more details.

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TITLE

SV-25
General Assembly
Overview

SIZE

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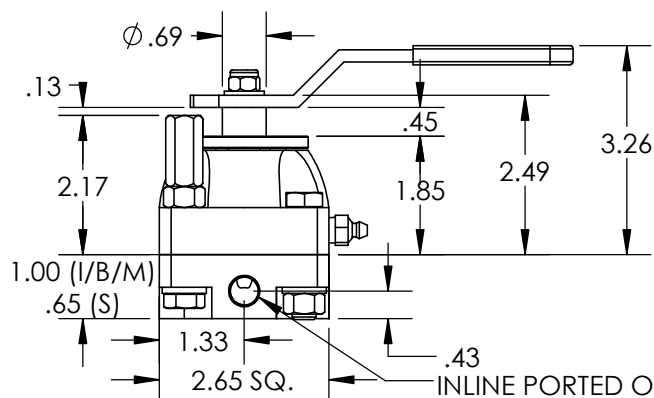
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SHEET 8 OF 15

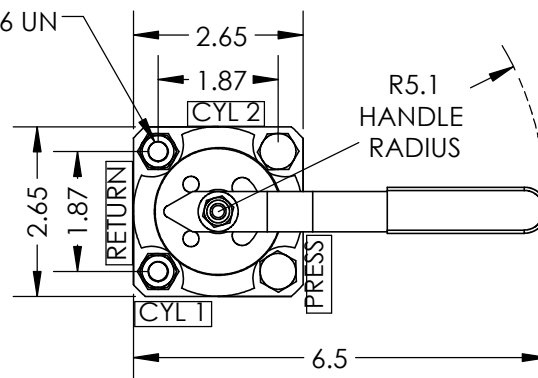
NPT or SAE Inline Ported (I) with Manual Operator

PANEL MOUNT DIMENSIONS

STANDARD BOLT DIMENSIONS

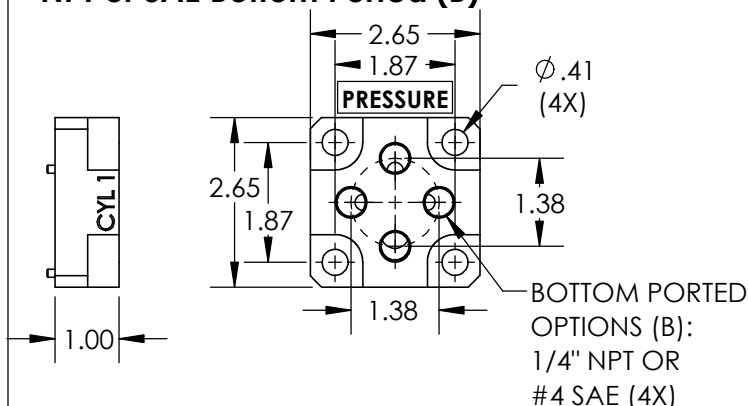


PANEL MOUNT NUT 3/8-16 UN



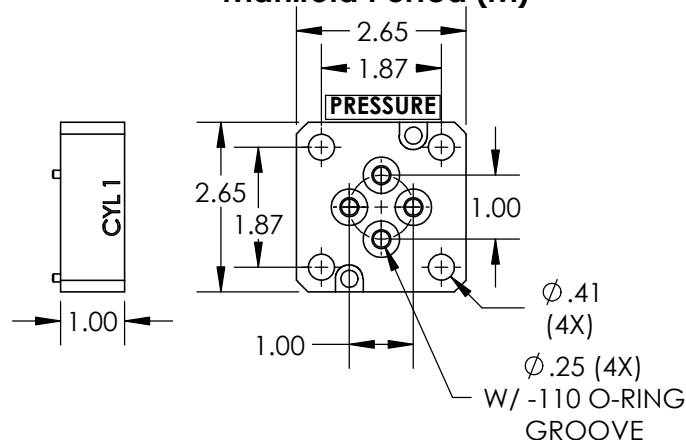
INLINE PORTED OPTIONS (I):
1/4" NPT OR #4 SAE (4X)

NPT or SAE Bottom Ported (B)

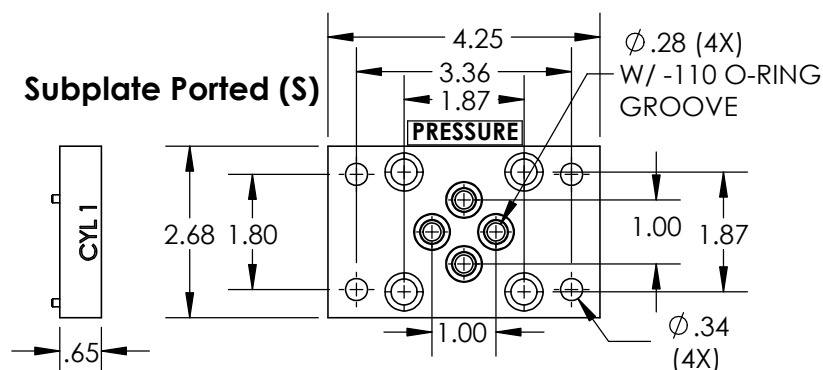


BOTTOM PORTED
OPTIONS (B):
1/4" NPT OR
#4 SAE (4X)

Manifold Ported (M)



Subplate Ported (S)



Body Option Part Numbers

Body Type	NPT Body Part No.	SAE Body Part No.
Inline (I)	40-2310	40-2613
Bottom (B)	40-0988	40-1010
Manifold (M)	40-0641	
Subplate (S)	40-0930	

Weight (lb.) of Valve Porting Options

Inline (I)	5
Bottom (B)	5
Manifold (M)	4
Subplate (S)	4

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TITLE
**SV-25 Porting Options
with Manual Operator
Installation Drawing**

SIZE
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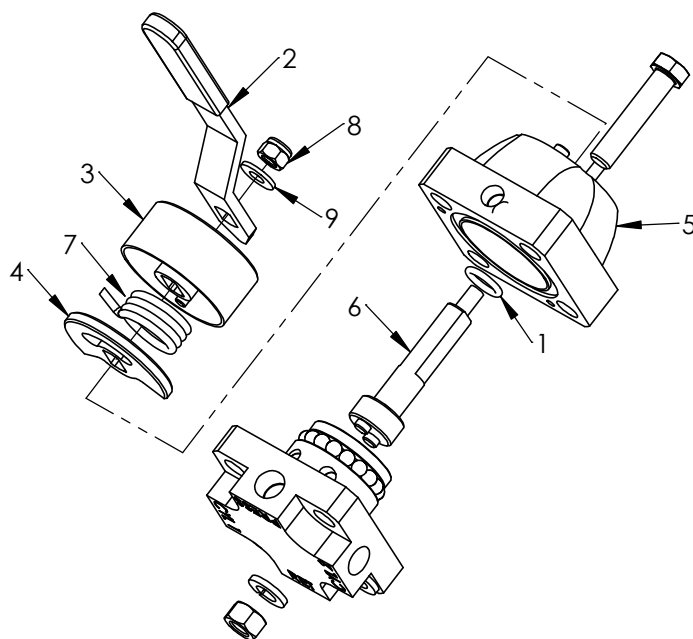
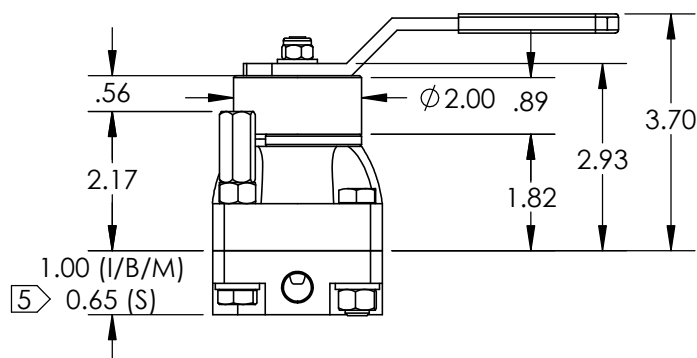
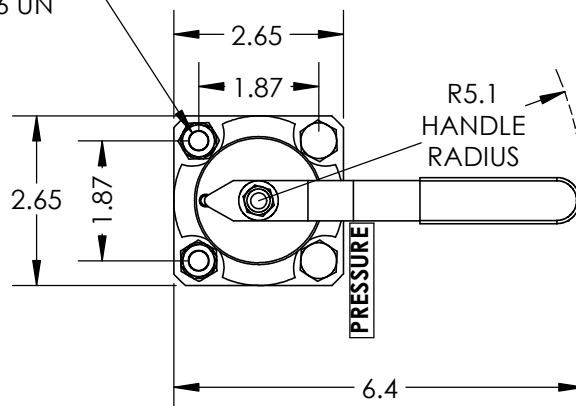
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SHEET 9 OF 15

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	23-1337	O-Ring	1
2	40-0279	Handle	1
3	40-3997	Housing, Spring	1
4	40-0756	Detent Disc, Spring Centered	1
5	40-4300	Housing, Spring Centered	1
6	40-4010	Shaft, Spring Centered	1
7	40-4020	Torsion Spring, Spring Centered	1
8	50-0091	Locknut, Shaft	
9	50-0106	Washer, Shaft	1

Notes:

1. Spring Centered operator centers the rotor after manual shifting.
2. Retrofitting an existing valve is not an option.
3. Working Pressure (Liquid) - 3000 psi
4. Working Pressure (Gas) - 2000 psi
5. See "SV-25 Porting Options with Manual Operator Installation Drawing" (Sheet 9) for other porting details.
6. If operating pressure is greater than 3000 psi, then a special body and seal rings are required. Contact PacSeal for availability.

**PANEL MOUNT
DIMENSIONS****STANDARD BOLT
DIMENSIONS****PANEL MOUNT NUT
3/8-16 UN****Weight (lb.) of Valve
Porting Options**

Inline (I)	5
Bottom (B)	5
Manifold (M)	4
Subplate (S)	4

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TITLE SV-25 Spring
Centered Operator
Installation and
Assembly Drawing

SIZE
A

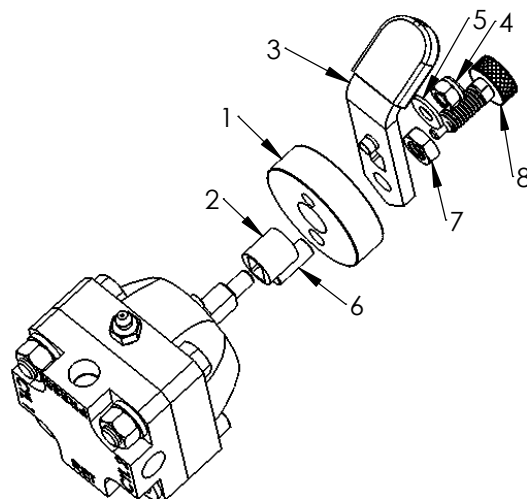
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SHEET 10 OF 15

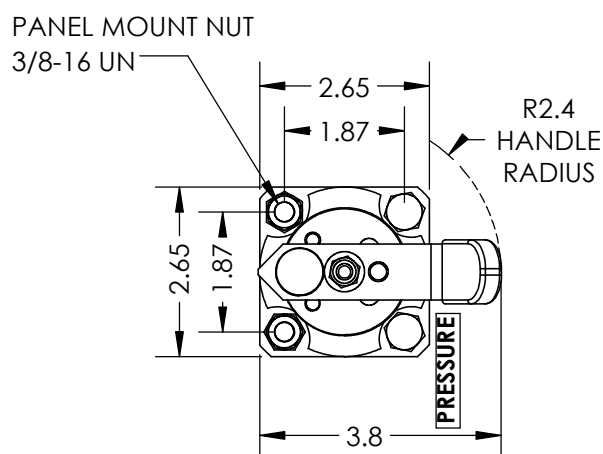
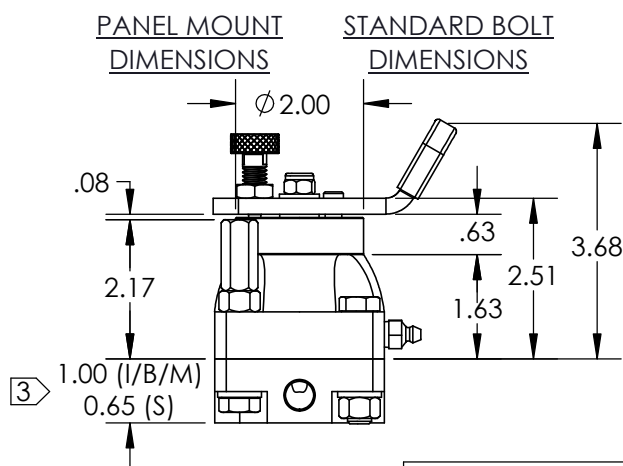
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	40-3763	Detent Plate	1
2	40-3764	Spacer	1
3	40-3765	Handle Ass'y	1
4	50-0091	Locknut	1
5	50-0106	Washer, Shaft	1
6	50-0364	Dowel Pin	1
7	50-0535	Hex Jam Nut	1
8	50-0536	Retractable Spring Plunger	1

Notes:

1. Pin Lock Detent operator prevents accidental shifting and ensures two-handed operation.
- ② Can easily be retrofitted in field - reference P/N 40-3762 for Pin Lock Detent Kit.
- ③ See "SV-25 Porting Options with Manual Operator Installation Drawing" (Sheet 9) for installation dimensions of other porting options.

**② Conversion Instructions:**

1. Ensure that the valve is not receiving hydraulic pressure
2. Remove the existing Locknut, Washer, Handle, Detent Disc, Spring, and Ball
3. Add the Pin (6) to the empty hole
4. Align the Detent Plate (1) with the two pins to match the drawing
5. Insert the Spacer (2) into the Detent Plate (1)
6. Assemble the Handle (3) with its pin inside the slot
7. Add the Washer (5) then tighten the Locknut (4) to the Shaft
8. Thread the jam nut (7) to the top of the Retractable Spring Plunger (8)
9. Thread the Retractable Spring Plunger to the Handle until the plunger just makes contact with the bottom of the hole
10. Tighten the jam nut of the plunger to the handle
11. Dry test each position to ensure that the Retractable Spring Plunger is fully engaged in each hole

**Weight (lb.) of Valve Porting Options**

Inline (I)	5
Bottom (B)	5
Manifold (M)	4
Subplate (S)	4

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TITLE
SV-25 Pin Lock Detent Operator Installation and Assembly Drawing

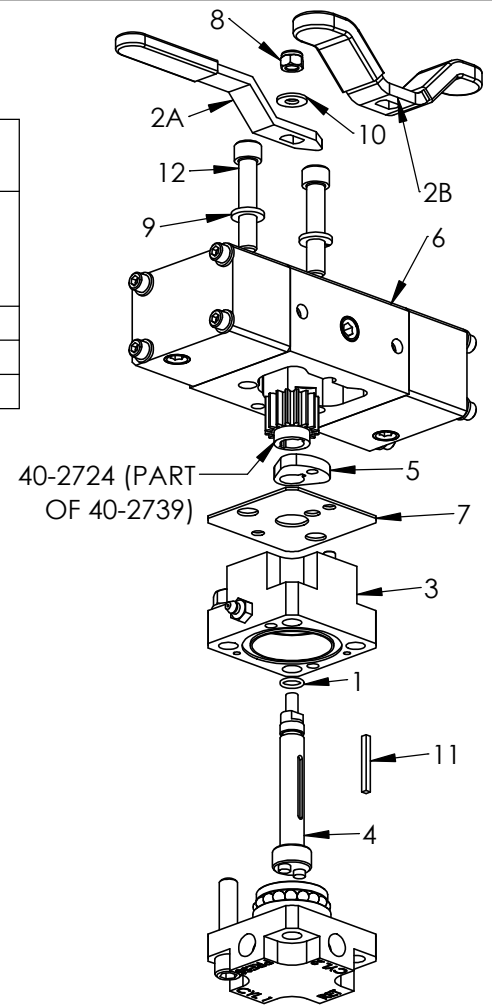
SIZE
A

REV
9

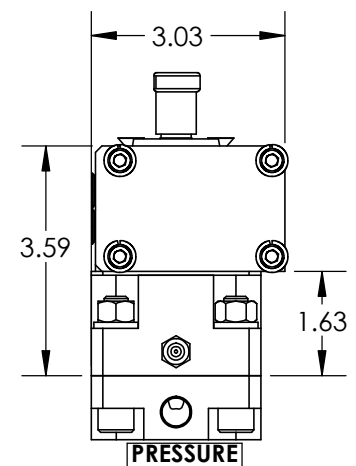
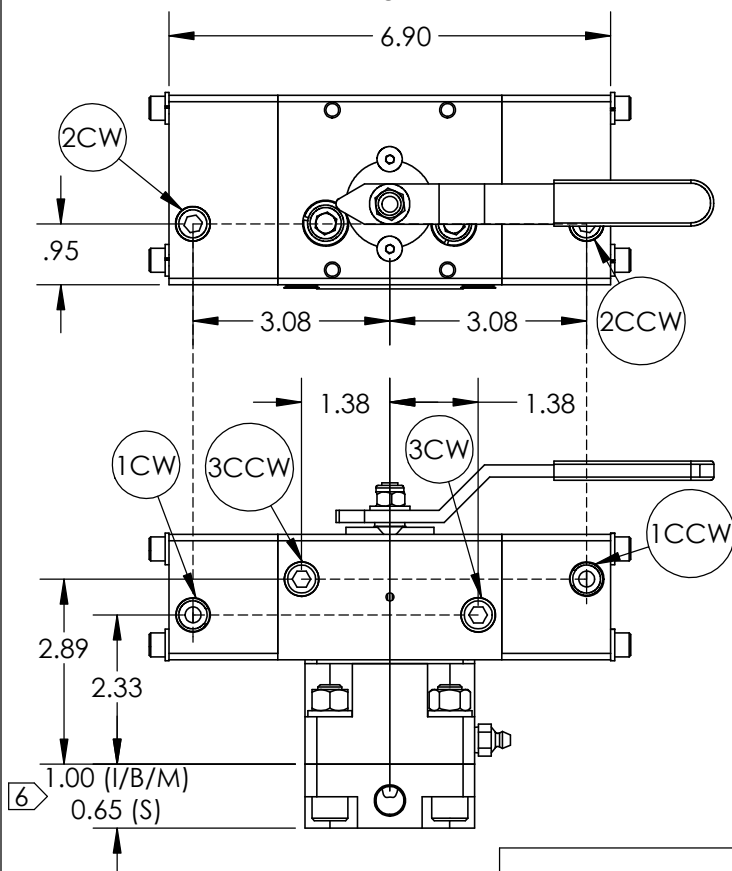
SHEET 11 OF 15

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	23-1344	O-Ring	1
2A	40-0279	Straight Handle	1
2B	40-2803	Wing Handle	1
3	40-2716	Housing, SVx-25	1
4	40-2717	Shaft, SVx-25	1
5	40-2718	Detent, SVx-25	1
6	40-2739	Air Actuator Ass'y, SVx-25	1
7	40-2785	Aluminum Gasket	1
8	50-0091	Locknut	1
9	50-0103	Lock Washer	6
10	50-0106	Washer, Shaft	1
11	50-0444	Key	1
12	50-0527	Bolt	2

1/4 NPT Air Inlet Porting Location Options	
Clockwise (CW) Option #	Counter-clockwise (CCW) Option #
1CW	1CCW
2CW	2CCW
3CW	3CCW

**Notes:**

- Model displays SVX with 2-Position 90° Direct Air actuation.
- Center (3rd) position is accomplished with manual override.
- Air Actuator working pressure - 80 to 125 psi
- Actuator material - Aluminum (anodized)
- Retrofitting an existing valve is possible. Contact PacSeal for details.
- See "SV-25 Porting Options with Manual Operator Installation Drawing" (Sheet 9) for other porting details.
- Solenoid piloted porting option not shown.



Weight (lb.) of Valve Porting Options	
Inline (I)	8
Bottom (B)	8
Manifold (M)	7
Subplate (S)	7

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TITLE SVX-25 2-Position 90° Air Actuation Installation and Assembly Drawing

SIZE A

REV 9

SHEET 12 OF 15

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	23-1344	O-Ring	1
2A	40-0279	Straight Handle	1
2B	40-2803	Wing Handle	1
3	40-2716	Housing, SVx-25	1
4	40-2717	Shaft, SVx-25	1
5	40-2718	Detent, SVx-25	1
6	40-2785	Aluminum Gasket	1
7	40-3595	3-Position Air Actuator, SVX-25	1
8	50-0091	Locknut	1
9	50-0103	Lock Washer	6
10	50-0106	Washer, Shaft	1
11	50-0444	Key	1
12	50-0527	Bolt	2

1/4 NPT Air Inlet Porting Location Options

Clockwise
(CW)
Option #

Counter-clockwise
(CCW)
Option #

1CW

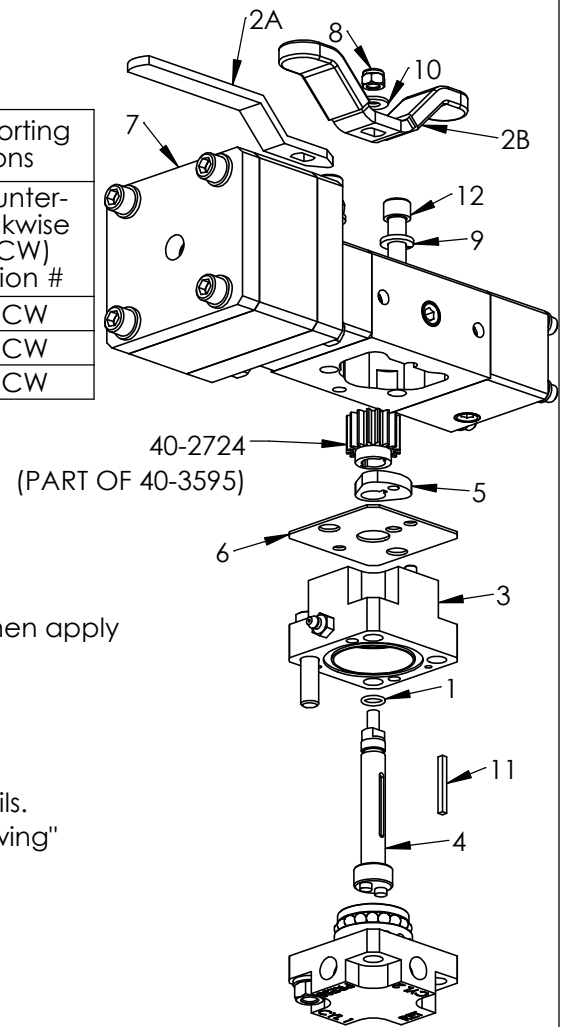
1CCW

2CW

2CCW

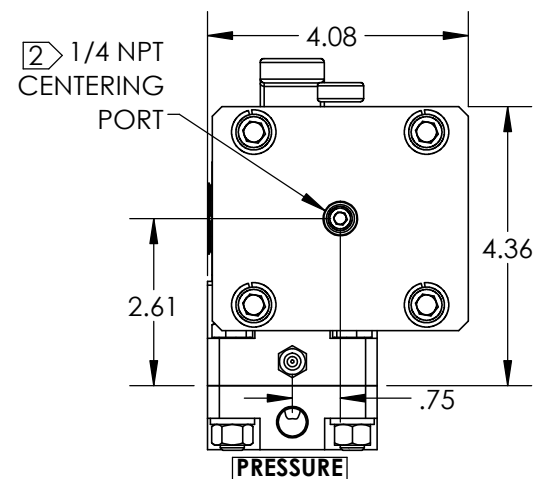
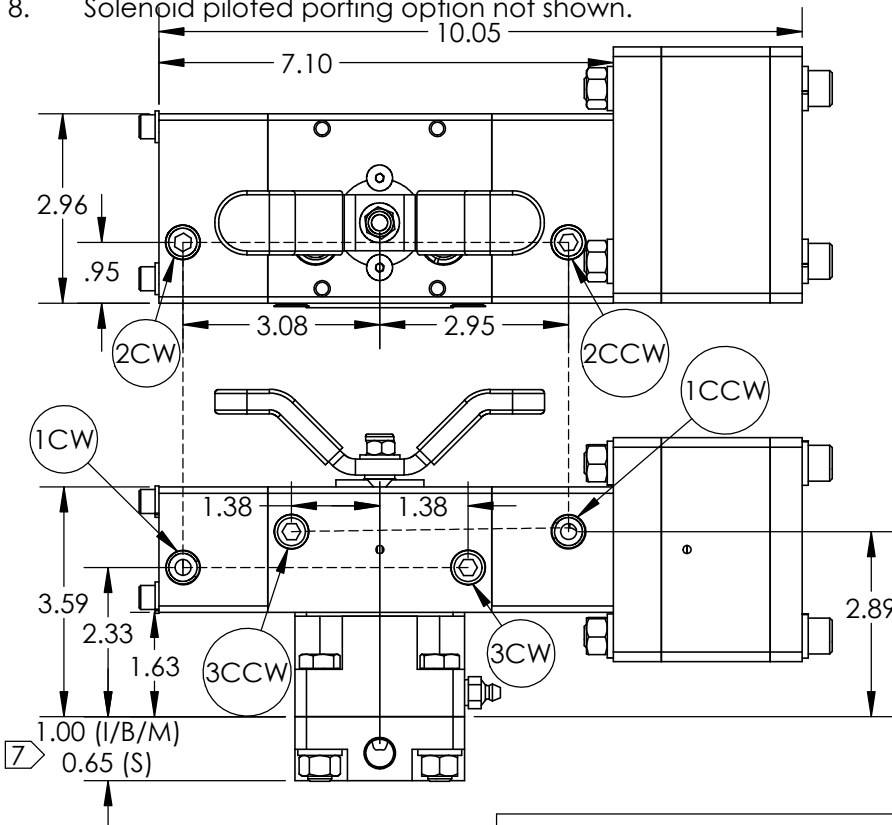
3CW

3CCW



Notes:

- Model displays SVX with 3-Position 90° Direct Air actuation.
- For center position, first apply air pressure to "CENTERING PORT", then apply air pressure to a "CW" port.
- For 2-position operation, apply air to "CW" and "CCW" ports only.
- Air Actuator operating pressure - 80 to 125 psi
- Actuator Material - Aluminum (anodized)
- Retrofitting an existing valve is possible. Contact PacSeal for details.
- See "SV-25 Porting Options with Manual Operator Installation Drawing" (Sheet 9) for other porting details.
- Solenoid piloted porting option not shown.



Weight (lb.) of Valve Porting Options

Inline (I)	13
Bottom (B)	13
Manifold (M)	12
Subplate (S)	12

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TITLE **SVX-25 3-Position 90° Air Actuation Installation and Assembly Drawing**

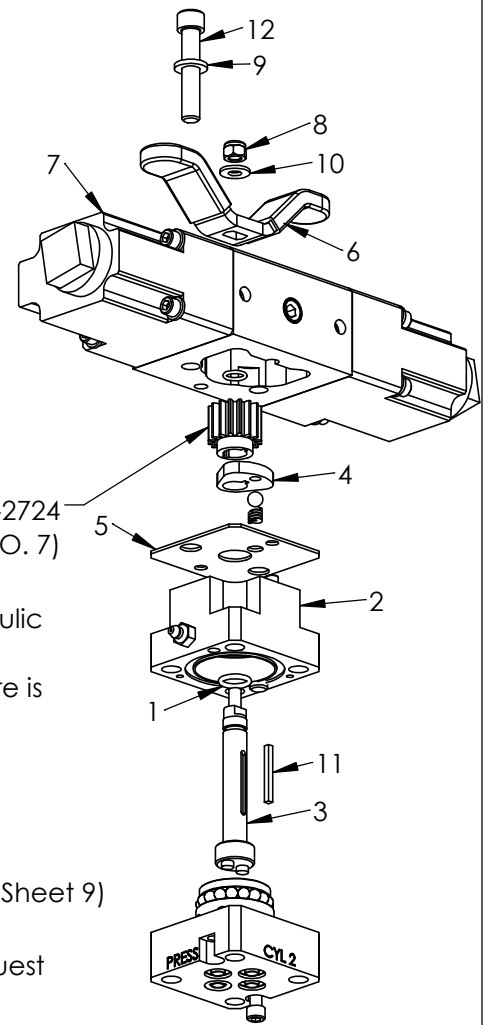
SIZE **A**

REV **9**

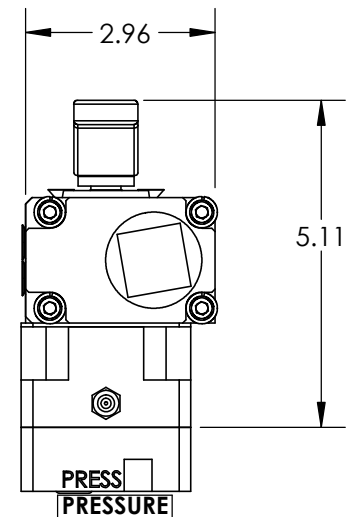
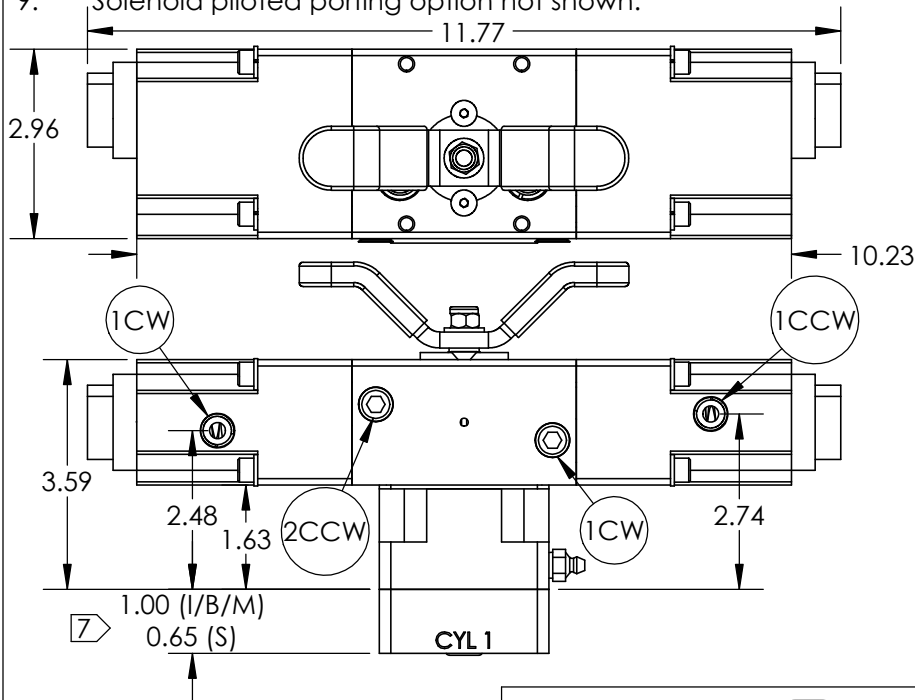
SHEET 13 OF 15

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	23-1337	O-Ring	1
2	40-2716	Housing, SVx-25	1
3	40-2717	Shaft, SVx-25	1
4	40-2718	Detent, SVx-25	1
5	40-2785	Aluminum Gasket, SVx-25	1
6	40-2803	Handle, SVx-25 / 50	1
7	40-4346	SVx-25 / 50 Air Actuator Ass'y	1
7	40-4038	SVX-25 SC Hyd Actuator Ass'y	1
8	50-0091	Locknut	1
9	50-0103	Lock Washer	2
10	50-0106	Washer, Shaft	1
11	50-0444	Key	1
12	50-0527	Screw	2

1/4 NPT Air Inlet Porting Location Options	
Clockwise (CW) Option #	Counter-clockwise (CCW) Option #
1CW	1CCW
2CW	2CCW
1/4 NPT Hydraulic Inlet Porting Location Options	
Clockwise (CW) Option #	Counter-clockwise (CCW) Option #
1CW	1CCW

**Notes:**

- Model displays SVX with 3-Position 90° Spring Centered Direct Air/Hydraulic actuation.
- Center (3rd) position is accomplished when air or hydraulic pilot pressure is relieved.
- Air Actuator operating pressure - 100 to 125 psi.
- Hydraulic Actuator operation pressure - 350 to 800 psi.
- Actuator Material - Aluminum (anodized).
- Retrofitting an existing valve is possible. Contact PacSeal for details.
- See "SV-25 Porting Options with Manual Operator Installation Drawing" (Sheet 9) for other porting details.
- For 6000 psi working pressure, high pressure seal rings are required - request special repair kits accordingly.
- Solenoid piloted porting option not shown.

**Weight (lb.) of Valve Porting Options**

Inline (I)	12
Bottom (B)	12
Manifold (M)	11
Subplate (S)	11

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TITLE **SVX-25 3-Position 90° Spring Centered (A/H) Actuation Installation and Assembly Drawing**

SIZE **A**

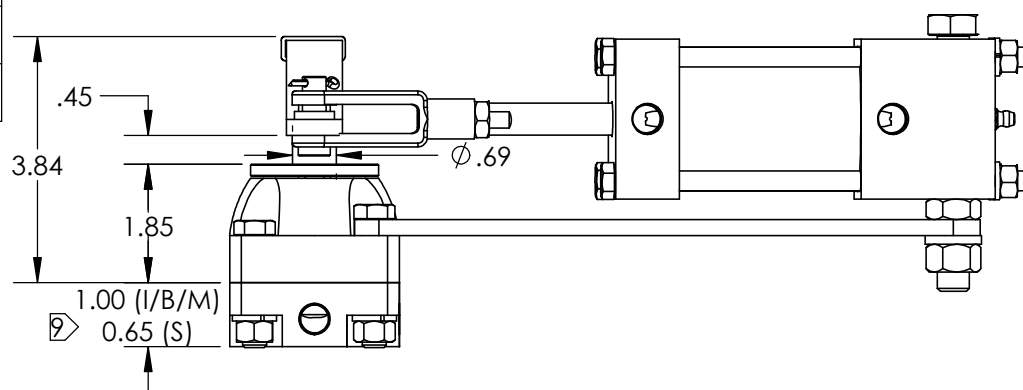
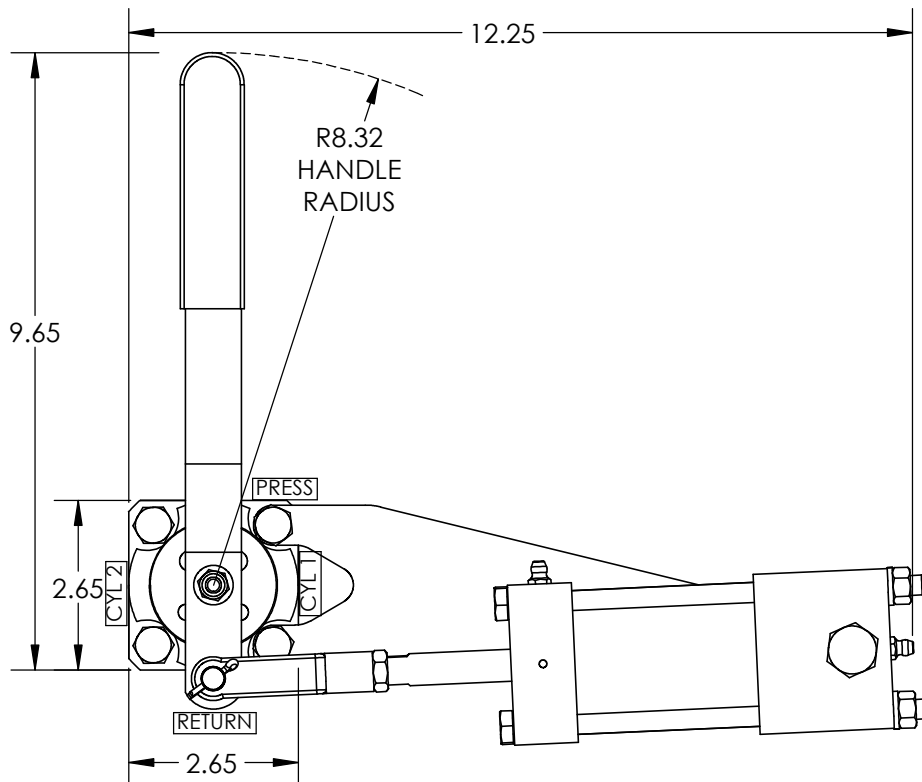
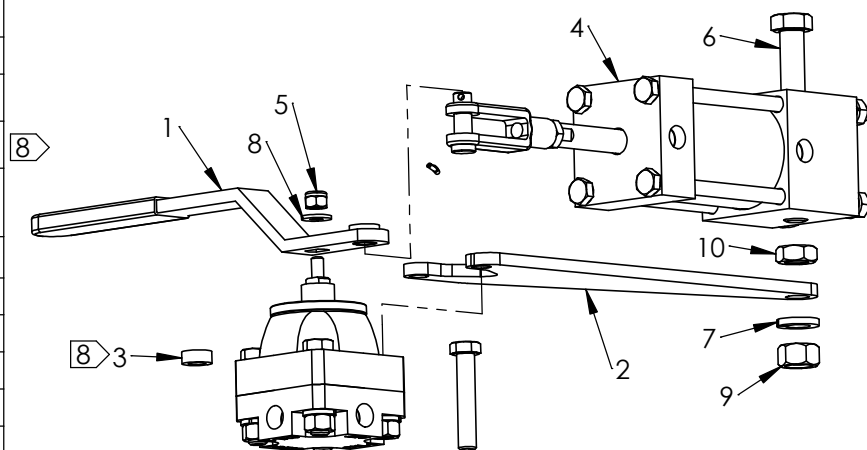
REV **9**

SHEET 14 OF 15

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	40-0648	Handle, Remote	1
2	40-2259	Air Cylinder Bracket	1
3	40-2616	Spacer	1
4	40-4191	Air Actuator Assembly, AAC-202	1
5	50-0091	Locknut	1
6	50-0100	Bolt	1
7	50-0104	Lock Washer	1
8	50-0106	Washer, Shaft	1
9	50-0110	Hex Nut	1
10	50-0394	Hex Jam Nut	1

Notes:

- Model displays Right Mounted Air Cylinder Actuator
- Cylinder Positions - 2
- Cylinder Air working pressure - 80 to 150 psi
- Cylinder Rating - 250 psi
- Cylinder Stroke - 2.13 in.
- Cylinder Bore/Rod - 2 X 1/2 in.
- Actuator Material - Aluminum
- Spacer is only necessary if a name plate is used.
- See "SV-25 Porting Options with Manual Operator Installation Drawing" (Sheet 9) for installation dimensions of other porting options.



Standalone Actuator and Bracket Kit	
Model Description	Part No.
Air Cylinder, AAC-202	40-4191
Air Cylinder, AAC-202 w/ Bracket Kit	40-4256
Bracket Kit, AAC-202	40-1608

Weight (lb.) of Valve Porting Options	
Inline (I)	10
Bottom (B)	10
Manifold (M)	9
Subplate (S)	9

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TITLE
**SV-25 w/ Air Cylinder
Actuator Installation
and Assembly Drawing**

SIZE
A

REV
9

SHEET 15 OF 15