

Item prices may have changed from those shown in this sheet. See Spears® On-line Catalog for most current pricing, updated daily.



Actuated Valves



Quality Systems Certificate No. 293
Corporate Facilities, Sylmar, CA
Assessed to ISO 9001: 2008

Visit our web site:
www.spearsmfg.com

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Actuated Valve Information

CATALOG STRUCTURE

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- Pneumatic Actuator Accessories for Ball Valves & Butterfly Valves
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Additional Product: Premium Actuated Compact Ball Valves — Electric & Pneumatic

NOT FOR USE WITH COMPRESSED AIR OR GAS

Actuated Valve Information



HOW TO USE THIS CATALOG

Spears® Makes Valve Actuation Simple. . .

Sold in Pre-Matched Valve & Actuator Packages

Spears® makes actuation easy by matching each valve type and size with the appropriate actuator for proper operating torque and cycle time to assure optimum performance.

Accessory Add-ons Provide Custom Actuation Configurations

Spears® Premium Actuation Packages can be fully customized to user specifications by addition of selected control accessories purchased separately. Select from our wide variety of accessories and options or contact Spears® for virtually any special actuation need, even if not specified.

Complete Packages Factory Assembled - Ready for Installation

All actuation packages include valve, actuator mounting, coupling, and precision actuator factory assembled with any purchased accessories, ready for installation.

Easy Steps to Locate Desired Product

This catalog provides pricing for both Spears® economical Electro Series Actuated Ball Valves and Spears® full featured Premium Electric and Premium Pneumatic actuated valve packages with optional accessories. Actuated valve packages are listed in separate sections by valve type (ball, butterfly, diaphragm) and actuation type (electric, pneumatic). Optional accessories are listed and priced separately for assembly with the desired package. A complete listing of content is located at the end of this catalog. See Spears® publication AV-4, Actuated Thermoplastic Valves Product Guide & Engineering Specification, for additional technical information on valve packages and accessories. Please refer to **Catalog Structure** along with following easy steps to find desired product:

Step 1: Select and Locate Desired Actuated Valve Type

- Section I: Ball Valves
- Section II: Butterfly Valves
- Section III: Diaphragm Valves

Step 2: Select and Locate Desired Actuation Type within Valve Section

- Electric Actuated
- Pneumatic Actuated

Step 3: Select and Locate Desired Material Type Pricing Table

- PVC
- CPVC
- Polypropylene

Step 4: Select and Locate Specific Part Number & Pricing According to Listed Options

Individual pricing tables for actuated valve packages are organized by valve Size, Elastomer type (O-ring, seat, etc.), and valve configuration options such as End Connector (Joint) or other specified criteria. Unit List Price Each is located immediately below the Part Number. Product Discount Code is located in the far right column.

EXAMPLE:

Premium Actuated True Union 2000 Industrial Ball Valve - Electric

PVC

O-ring Joint	EPDM			Viton®			Disc Code
	Socket Part # Price Each	SR Thread Part # Price Each	Flanged Part # Price Each	Socket Part # Price Each	SR Thread Part # Price Each	Flanged Part # Price Each	
1/2	21101A112-005 684.48	23101A112-005 685.47	24101A112-005 704.36	21201A112-005 689.66	23201A112-005 690.67	24201A112-005 708.77	500
3/4	21101A112-007 692.91	23101A112-007 695.29	24101A112-007 721.98	21201A112-007 699.07	23201A112-007 701.46	24201A112-007 729.32	500

Step 5: Select and Locate Desired Accessories (see important ordering information on following page)

- Electric Actuator Accessories
- Pneumatic Actuator Accessories for Ball Valves & Butterfly Valves
- Pneumatic Actuator Accessories for Diaphragm Valves

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Made in the U.S.A.

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Progressive Products from Spears® Innovation and Technology



Actuated Valve Information

Ordering Premium Valve Packages with Accessory Add-ons - IMPORTANT -

Accessories are individually ordered separately and factory assembled with the selected Premium Actuated Valve Package. **When Accessories are ordered for assembly with an actuated valve package, the suffix "-A" must be added to the actuated valve package part number being ordered.** Do not add this suffix if no accessories are being ordered or if ordering Electro Series Ball Valves. Example: Package part number 21101A112-005 would be ordered as 21101A112-005-A

REQUIRED ORDER SEQUENCE: Order line items should begin with the actuated valve package part number (with -A suffix) and be immediately followed by the selected accessory part number(s) as the next line item(s). This sequential listing of valve package and applicable accessories on the order assures that selected accessories are properly assembled with the selected package. Failure to follow this simple practice may result in unnecessary delays.

Actuated Valve Packages Overview

Typical Package Illustration	Valve Type	Basic Valve Options				Actuation Package Available		
		Basic Valve Material	Size Range (inch)	Seal Material Options	End Connector Options	Premium Electric Actuation	Premium Pneumatic Actuation	Electro Series Actuation
	True Union 2000 Ball Valves	PVC	1/2-6	EPDM Viton®	Socket SR Thread Flanged	X	X	X 1/2"-2"
		CPVC	1/2-6	EPDM Viton®	Socket SR Thread Flanged	X	X	X 1/2"-2"
	Compact Ball Valves	PVC	1/2-6	EPDM Viton®	Socket Thread Flanged	X	X	X 1/2"-2"
		CPVC	1/2 -6	EPDM Viton®	Socket Thread Flanged	X	X	X 1/2"-2"
	Butterfly Valves	PVC	1-1/2 -12	Buna-N EPDM Viton®	Flanged	X	X	
		CPVC	1-1/2 -12	Buna-N EPDM Viton®	Flanged	X	X	
		PP	1-1/2 -24 ¹	EPDM Viton®	Flanged	X	X	
	Diaphragm Valves	PVC	1/2-4 ²	Buna-N EPDM Viton® PTFE	Socket ³ Thread ³ Spigot ⁴ Flanged	X	X	
		CPVC	1/2-4 ²	Buna-N EPDM Viton® PTFE	Socket Thread Spigot Flanged	X	X	
		PP	1/2-4 ²	EPDM Viton®	Thread Flanged	X	X	

- Notes: 1 - Butterfly Valves also available in sizes 30" -60", quoted and produced to order. Contact Spears®.
 2 - 2-1/2" to 4" Diaphragm Valves available in Flanged ends only.
 3 - 1/2" -2" Socket and Thread Diaphragm Valves are True Union style.
 4 - Spigot Diaphragm Valves available in sizes 1/2" -2" only.

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Actuated Valve Information



The following table illustrates actuator features for Premium Electric actuators used in Actuated Valve Packages. Features specified as "Standard" are available on packages in this price sheet. Features specified as "Accessory" are included as package add-ons in this price sheet. Features specified as "Options" must be special ordered (contact Spears® for pricing).

Electric Actuator Features Overview

Standard 2-Position Electric Actuator Features	Electro Series Ball Valves	Premium Electric TU Ball Valves	Premium Electric Butterfly Valves	Premium Electric Diaphragm Valves
Motor Rotation	Unidirectional	Reversing	Reversing	Reversing
NEMA Rating	4X	4	4	4
Enclosure Material	PP	Powder Coated Aluminum	Powder Coated Aluminum	Powder Coated Aluminum
Enclosure Conduit Entry	1/2NPT	1/2NPT	1/2NPT	1/2NPT
Voltage	115 VAC	115 VAC	115 VAC	115 VAC
Pre wired to terminal strip	Wired direct	Standard	Standard	Standard
Thermal Overload Protection	Standard	Standard	Standard	Standard
Basic Manual Override	—	Standard (1/2" – 2")	—	(Option)
Dec clutchable Manual Override	—	Standard (2-1/2" – 4")	Standard	Standard (2" – 4")
Limit Switches (SPDT)	1	2	2	2
Mounting Position	Any	Any	Any	Any
Permanent Lubrication	Standard	Standard	Standard	Standard
Friction Brake	—	—	Standard	—
Feedback Potentiometer	—	Standard	Standard	Standard
Options & Accessories				
24 VAC	Option	Option	Option	Option
230 VAC	Option	Option	Option	Option
230 VAC 3-phase, 60 Hz	—	Option	Option	Option
230 VAC 3-phase, 50 Hz	—	Option	Option	Option
460 VAC 3-phase, 60 Hz	—	—	Option	—
460 VAC 3-phase, 50 Hz	—	—	Option	—
12 VDC	Option	Option	Option	Option
24 VDC	Option	Option	Option	Option
NEMA 4X, 7, 9 Rating	(4X Standard)	Option	Option	Option
Basic Manual Override	—	Standard (1/2" – 2")	—	Option
Dec clutchable Manual Override	—	Option (Standard on 4" – 6")	(Standard)	Option
Duty Cycle Upgrade	Option	Option	Option	Option
Spring Return (Fail Safe)	—	Option	Option	—
Positioner Board (Modulating)	—	Accessory	Accessory	Accessory
Additional Limit Switch Sets	—	Accessory	Accessory	Accessory
LED Indicator Lights	—	Accessory	Accessory	Accessory
Position Indicator (visual)	Standard	Standard	Standard	Accessory
Heater & Thermostat	—	Accessory	Accessory	Accessory
Torque Sensor	—	Accessory	Accessory	Standard
Speed Controller	—	Accessory	Accessory	Accessory
Timer Board	—	Accessory	Accessory	Accessory
Transmitter	—	Accessory	Accessory	Accessory
Controller Interface	—	Accessory	Accessory	Accessory
"2-Wire" Control Relay	Accessory	Accessory	Accessory	—
Friction Brake	—	Accessory	Standard	Accessory
ID Tag-SS	Accessory	Accessory	Accessory	Accessory

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Actuated Valve Information

The following table illustrates actuator features for Premium Pneumatic actuators used in Actuated Valve Packages. Features specified as "Standard" are available on packages in this price sheet. Features specified as "Accessory" are included as package add-ons in this price sheet. Features specified as "Options" must be special ordered (contact Spears® for pricing).

Please contact Spears® for any desired features or accessories not specified.

Pneumatic Actuator Features Overview

Standard Pneumatic Actuator Features	Premium Pneumatic TU Ball Valves	Premium Pneumatic Butterfly Valves	Premium Pneumatic Diaphragm Valves
Type	Dual Piston, Rack & Pinion	Dual Piston, Rack & Pinion	Linear Piston
Enclosure Material (ends/body)	Epoxy Coated/Hard Anodized Aluminum	Epoxy Coated/Hard Anodized Aluminum	PES-Polyestersulphone
Standard Operation	Air-to-Air or Air-Spring Closed	Air-to-Air or Air-Spring Closed	Air-to-Air or Air-Spring Closed
Standard Operating Pressure	80 psi	80 psi	80 psi
Air Connection Size	1/8"	1/8"	1/8"
Basic Manual Override	Standard	Standard	(Option)
Options & Accessories			
Air-Spring Open	Option	Option	Option
40 psi Operating Pressure	Option	Option	—
60 psi Operating Pressure	Option	Option	Option
Basic Manual Override	(Standard)	(Standard)	Option
Declutchable Manual Override	Option	Option	—
Pneumatic Positioner	Accessory	Accessory	Accessory
Electro-Pneumatic Positioner	Accessory	Accessory	Accessory
Dome Position Indicator	Accessory	Accessory	Accessory
Pointer Indicator	Accessory	Accessory	—
3 & 4-Way Solenoid Valve	Accessory	Accessory	Accessory
Dual Power Solenoid Valve	Accessory	Accessory	—
Limit Switches	Accessory	Accessory	Accessory
Output Signal Limit Switches	Accessory	Accessory	—
3-Way "Dribble" Control Limit Switches	Accessory	Accessory	—
Stainless Steel Pressure Gauge Set	Accessory	Accessory	Accessory
Stem Extension	Accessory	Accessory	Accessory
ID Tag-SS	Accessory	Accessory	Accessory

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Spears® Manufacturing Company

Actuated Valve Information



Additional Actuated Valve Configurations, Options & Accessories Not Specified

Spears® can provide virtually any actuation need for Spears® valves. The following actuated valve configurations, options and accessories not currently specified in this price sheet are a few of those available on a special order basis. See the *Accessories* sections for standard configuration and accessory options. Please contact Spears® for additional technical information or other custom actuation needs. Certain special order options and custom Actuation Packages may require extended lead times. Please contact Spears® for details.

Special Actuated Ball Valves

- Compact Ball Valves
- Single Entry Ball Valves
- True Union 2000 3-Way Vertical & Horizontal Ball Valves
- Vented Ball Valves

Special Actuated Butterfly Valves

- Tandem 3-Way - two valves operated from one actuator, both closing or both opening at the same time
- Tandem Diverting - two valves operated from one actuator, one opening while the other closes
- "No Seat" actuated Butterfly Valves for duct (damper) applications
- Polypropylene 30" to 60" Actuated Valves (custom produced)

Actuated Gate Valves

- PVC & CPVC Construction
- Sizes 1/2" – 4"
- Socket, Thread, Flange End Connections

Special Actuator Options

- Actuators Only
- Actuator Brackets Only
- Actuator Stem Extensions
- Double Powder Coated Electric Enclosures
- Stainless Steel Pneumatic Enclosures
- Electric Spring Return Open or Close with No Override
- Battery Back-up Electric Actuators

Special Switch Sets & Solenoids

- Single Limit Switch & Bracket Only (no actuator) for manual valves
- Double Limit Switch & Bracket Only (no actuator) for manual valves
- Dual Coil 5-Way Solenoid Valves

Replacement Parts

Many replacement parts are available for Spears® electric and pneumatic actuators and valves. Contact Spears® for specific parts needed.

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Electro Actuated Compact Ball Valve

General purpose industrial grade sealed unit design, 1/4-turn shutoff. Basic On-Off operation.



- Maintenance-free
- PTFE Seats
- 235 psi @ 73°F (23°C) (flanged 150 psi)
- 115 VAC standard, optional voltages available
- High Impact PP NEMA 4x Enclosure, SS316 Fasteners
- 2-Position with Stem-mounted Visual Open/Close Indicator

See Electric Actuator Accessories for "2-wire" Control Add-on Actuator Accessory

PVC

O-ring Joint	EPDM			Viton®			Disc Code
	Socket	Thread	Flanged	Socket	Thread	Flanged	
Size	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	
1/2	E1404-005 429.98	E1406-005 429.98	E1408-005 529.55	E1405-005 473.87	E1407-005 473.87	E1409-005 558.44	496
3/4	E1404-007 440.52	E1406-007 440.52	E1408-007 556.85	E1405-007 489.59	E1407-007 489.59	E1409-007 585.88	496
1	E1404-010 448.43	E1406-010 448.43	E1408-010 574.03	E1405-010 497.36	E1407-010 497.36	E1409-010 603.51	496
1-1/4	E1504-012 464.26	E1506-012 464.26	E1508-012 604.67	E1505-012 524.65	E1507-012 524.65	E1509-012 636.57	496
1-1/2	E1504-015 477.48	E1506-015 477.48	E1508-015 616.00	E1505-015 534.86	E1507-015 534.86	E1509-015 652.10	496
2	E1504-020 498.54	E1506-020 498.54	E1508-020 670.26	E1505-020 556.05	E1507-020 556.05	E1509-020 707.51	496

CPVC

O-ring Joint	EPDM			Viton®			Disc Code
	Socket	Thread	Flanged	Socket	Thread	Flanged	
Size	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	
1/2	E1404-005C 437.88	E1406-005C 437.88	E1408-005C 546.85	E1405-005C 489.15	E1407-005C 489.15	E1409-005C 576.84	498
3/4	E1404-007C 453.71	E1406-007C 453.71	E1408-007C 578.44	E1405-007C 509.10	E1407-007C 509.10	E1409-007C 605.18	498
1	E1404-010C 474.81	E1406-010C 474.81	E1408-010C 592.95	E1405-010C 517.24	E1407-010C 517.24	E1409-010C 623.48	498
1-1/4	E1504-012C 503.83	E1506-012C 503.83	E1508-012C 638.34	E1505-012C 545.47	E1507-012C 545.47	E1509-012C 661.52	498
1-1/2	E1504-015C 514.36	E1506-015C 514.36	E1508-015C 646.30	E1505-015C 552.37	E1507-015C 552.37	E1509-015C 673.77	498
2	E1504-020C 559.23	E1506-020C 559.23	E1508-020C 696.40	E1505-020C 573.83	E1507-020C 573.83	E1509-020C 731.29	498

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Electro Actuated True Union 2000 Standard Ball Valve



General Purpose True Union design, 1/4-turn shutoff. Basic On-Off operation.

- Blocked Seal Carrier
- Teflon®/HDPE Seats
- 235 psi @ 73°F (23°C) (flanged 150 psi)
- 115 VAC standard, optional voltages available
- High Impact PP NEMA 4x Enclosure, SS316 Fasteners
- 2-Position with Stem-mounted Visual Open/Close Indicator

See **Electric Actuator Accessories** for "2-wire" Control Add-on Actuator Accessory

PVC

O-ring Joint	EPDM			Viton®			Disc Code
	Socket & Thread	SR Thread	Flanged	Socket & Thread	SR Thread	Flanged	
Size	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	
1/2	E1453-005 446.24	E1451-005SR 447.06	E1457-005 549.01	E1454-005 491.70	E1452-005SR 492.62	E1458-005 604.90	500
3/4	E1453-007 455.98	E1451-007SR 457.83	E1457-007 575.90	E1454-007 509.32	E1452-007SR 511.19	E1458-007 641.77	500
1	E1453-010 469.69	E1451-010SR 469.69	E1457-010 601.24	E1454-010 520.70	E1452-010SR 522.72	E1458-010 666.63	500
1-1/4	E1553-012 481.07	E1551-012SR 486.85	E1557-012 625.50	E1554-012 555.10	E1552-012SR 560.78	E1558-012 721.55	500
1-1/2	E1553-015 508.94	E1551-015SR 515.09	E1557-015 656.51	E1554-015 569.63	E1552-015SR 575.90	E1558-015 734.94	500
2	E1553-020 539.27	E1551-020SR 545.95	E1557-020 722.66	E1554-020 599.59	E1552-020SR 605.88	E1558-020 803.50	500

CPVC

O-ring Joint	EPDM			Viton®			Disc Code
	Socket & Thread	SR Thread	Flanged	Socket & Thread	SR Thread	Flanged	
Size	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	
1/2	E1453-005C 462.34	E1451-005CSR 464.90	E1457-005C 571.86	E1454-005C 516.29	E1452-005CSR 518.83	E1458-005C 638.16	502
3/4	E1453-007C 483.03	E1451-007CSR 486.63	E1457-007C 613.14	E1454-007C 541.30	E1452-007CSR 544.98	E1458-007C 686.64	502
1	E1455-010C 507.74	E1451-010CSR 507.74	E1457-010C 656.51	E1454-010C 553.30	E1452-010CSR 558.37	E1458-010C 714.72	502
1-1/4	E1555-012C 538.76	E1551-012CSR 546.84	E1557-012C 710.91	E1554-012C 584.38	E1552-012CSR 592.54	E1558-012C 770.31	502
1-1/2	E1555-015C 555.83	E1551-015CSR 569.74	E1557-015C 735.03	E1554-015C 598.48	E1552-015CSR 612.31	E1558-015C 789.86	502
2	E1555-020C 616.98	E1551-020CSR 631.95	E1557-020C 788.36	E1554-020C 636.51	E1552-020CSR 651.56	E1558-020C 852.17	502

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Electro Actuated True Union 2000 Industrial Ball Valve

Industrial grade True Union design, 1/4-turn shutoff. Basic On-Off operation.



- Blocked Seal Carrier
- Double O-ring Stem Seal
- PTFE Seats
- 235 psi @ 73°F (23°C) (flanged 150 psi)
- 115 VAC standard, optional voltages available
- High Impact PP NEMA 4x Enclosure, SS316 Fasteners
- 2-Position with Stem-mounted Visual Open/Close Indicator

See **Electric Actuator Accessories** for "2-wire" Control Add-on Actuator Accessory

PVC

O-ring Joint	EPDM			Viton®			Disc Code
	Socket & Thread	SR Thread	Flanged	Socket & Thread	SR Thread	Flanged	
Size	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	
1/2	E1459-005 457.83	E1463-005SR 460.40	E1465-005 557.49	E1460-005 504.65	E1464-005SR 507.21	E1466-005 589.09	500
3/4	E1459-007 469.73	E1463-007SR 473.38	E1465-007 586.04	E1460-007 524.66	E1464-007SR 528.32	E1466-007 620.98	500
1	E1459-010 486.00	E1463-010SR 491.07	E1465-010 610.47	E1460-010 538.93	E1464-010SR 543.99	E1466-010 645.07	500
1-1/4	E1559-012 503.77	E1563-012SR 511.89	E1565-012 644.17	E1560-012 599.14	E1564-012SR 607.28	E1566-012 695.24	500
1-1/2	E1559-015 536.37	E1563-015SR 550.29	E1565-015 674.93	E1560-015 600.15	E1564-015SR 614.06	E1566-015 717.31	500
2	E1559-020 575.46	E1563-020SR 590.53	E1565-020 747.16	E1560-020 639.07	E1564-020SR 654.14	E1566-020 790.22	500

CPVC

O-ring Joint	EPDM			Viton®			Disc Code
	Socket & Thread	SR Thread	Flanged	Socket & Thread	SR Thread	Flanged	
Size	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	
1/2	E1459-005C 477.69	E1463-005CSR 480.27	E1465-005C 586.71	E1460-005C 533.32	E1464-005CSR 538.46	E1466-005C 620.64	502
3/4	E1459-007C 502.47	E1463-007CSR 506.10	E1465-007C 627.09	E1460-007C 562.83	E1464-007CSR 582.65	E1466-007C 663.89	502
1	E1459-010C 530.78	E1463-010CSR 535.84	E1465-010C 648.95	E1460-010C 579.00	E1464-010CSR 584.00	E1466-010C 685.09	502
1-1/4	E1559-012C 575.52	E1563-012CSR 583.70	E1565-012C 696.28	E1560-012C 625.21	E1564-012CSR 633.35	E1566-012C 741.31	502
1-1/2	E1559-015C 594.64	E1563-015CSR 608.56	E1565-015C 741.15	E1560-015C 627.12	E1564-015CSR 641.10	E1566-015C 766.21	502
2	E1559-020C 701.21	E1563-020CSR 716.30	E1565-020C 835.45	E1560-020C 732.59	E1564-020CSR 747.84	E1566-020C 860.01	502

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Premium Actuated True Union 2000 Industrial Ball Valve - Electric



Industrial grade True Union design, 1/4-turn shutoff for a wide range of applications. Full-featured actuator can be custom configured with add-on accessories.

- Blocked Seal Carrier
- Double O-ring Stem Seal
- PTFE Seats
- 1/2"-4" 235 psi @ 73°F (23°C)
- 6" and all flanged 150 psi @ 73°F (23°C)
- 115 VAC standard, optional voltages available
- 2-Position Operation with 2-SPDT Limit Switches
- NEMA 4 Enclosure, Powder Coated
- Manual Override (shown)
- Position Indicator

See Electric Actuator Accessories for Add-on Actuator Accessories

PVC

O-ring Joint	EPDM			Viton®			Disc Code
	Socket Part # Price Each	SR Thread Part # Price Each	Flanged Part # Price Each	Socket Part # Price Each	SR Thread Part # Price Each	Flanged Part # Price Each	
1/2	21101A112-005 684.48	23101A112-005 685.46	24101A112-005 704.36	21201A112-005 689.66	23201A112-005 690.67	24201A112-005 708.77	500
3/4	21101A112-007 692.91	23101A112-007 695.29	24101A112-007 721.98	21201A112-007 699.07	23201A112-007 701.46	24201A112-007 729.32	500
1	21101A112-010 709.38	23101A112-010 711.74	24101A112-010 745.60	21201A112-010 716.78	23201A112-010 719.13	24201A112-010 753.23	500
1-1/4	21101A112-012 734.34	23101A112-012 741.49	24101A112-012 763.24	21201A112-012 759.23	23201A112-012 766.38	24201A112-012 776.46	500
1-1/2	21101A112-015 752.76	23101A112-015 760.46	24101A112-015 794.13	21201A112-015 764.70	23201A112-015 772.41	24201A112-015 807.33	500
2	21101A112-020 829.38	23101A112-020 837.73	24101A112-020 924.83	21201A112-020 843.84	23201A112-020 852.07	24201A112-020 939.32	500
2-1/2	21101A111-025 1401.87	23101A111-025 1424.37	24101A111-025 1567.38	21201A111-025 1499.60	23201A111-025 1522.05	24201A111-025 1574.67	500
3	21101A111-030 1489.51	23101A111-030 1512.01	24101A111-030 1613.82	21201A111-030 1529.85	23201A111-030 1552.32	24201A111-030 1731.48	500
4	21101A121-040 2482.86	23101A121-040 2509.12	24101A121-040 2849.23	21201A121-040 2958.27	23201A121-040 2577.26	24201A121-040 3005.14	500
6	21101A121-060 3502.81	23101A121-060 3540.27	24101A121-060 4263.89	21201A121-060 3648.13	23201A121-060 3685.60	24201A121-060 4596.50	500

CPVC

O-ring Joint	EPDM			Viton®			Disc Code
	Socket Part # Price Each	SR Thread Part # Price Each	Flanged Part # Price Each	Socket Part # Price Each	SR Thread Part # Price Each	Flanged Part # Price Each	
1/2	21102A112-005 699.27	23102A112-005 700.24	24102A112-005 741.81	21202A112-005 706.04	23202A112-005 707.06	24202A112-005 744.03	502
3/4	21102A112-007 715.12	23102A112-007 717.52	24102A112-007 765.19	21202A112-007 723.66	23202A112-007 726.07	24202A112-007 770.47	502
1	21102A112-010 735.73	23102A112-010 738.13	24102A112-010 789.54	21202A112-010 745.90	23202A112-010 748.29	24202A112-010 798.52	502
1-1/4	21102A112-012 789.70	23102A112-012 796.90	24102A112-012 861.38	21202A112-012 805.95	23202A112-012 813.14	24202A112-012 868.96	502
1-1/2	21102A112-015 797.89	23102A112-015 805.57	24102A112-015 883.07	21202A112-015 814.93	23202A112-015 822.67	24202A112-015 891.05	502
2	21102A112-020 891.67	23102A112-020 900.04	24102A112-020 1018.54	21202A112-020 922.40	23202A112-020 930.78	24202A112-020 1082.01	502
2-1/2	21102A111-025 1587.38	23102A111-025 1609.86	24102A111-025 1746.99	21202A111-025 1638.52	23202A111-025 1661.00	24202A111-025 1871.22	502
3	21102A111-030 1665.36	23102A111-030 1687.82	24102A111-030 2033.85	21202A111-030 1725.21	23202A111-030 1747.71	24202A111-030 2054.53	502
4	21102A121-040 2845.87	23102A121-040 2872.12	24102A121-040 3460.83	21202A121-040 2954.35	23202A121-040 2980.57	24202A121-040 3524.47	502
6	21102A121-060 4256.40	23102A121-060 4313.34	24102A121-060 5567.34	21202A121-060 4487.13	23202A121-060 4544.05	24202A121-060 5702.16	502

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors.
For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

NOT FOR USE WITH COMPRESSED AIR OR GAS

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Progressive Products from Spears® Innovation and Technology

Page 10



Premium Actuated True Union 2000 Industrial Ball Valve - Pneumatic

Industrial grade True Union design, 1/4-turn shutoff for a wide range of applications. Full-featured actuator can be custom configured with add-on accessories.



- Blocked Seal Carrier
- Double O-ring Stem Seal
- PTFE Seats
- 1/2"-4" 235 psi @ 73°F (23°C)
- 6" and all flanged 150 psi @ 73°F (23°C)
- 80 psi Operating Pressure, other options available
- 2-Position Air-Air or Air-Spring Closed (optional spring open)
- Dual Rack & Pinion with Adjustable Stops
- Manual Override
- Position Indicator

See [Pneumatic Actuator Accessories for Ball Valves & Butterfly Valves](#) for Add-on Actuator Accessories

PVC

O-ring Joint	EPDM			Viton®			Disc Code
	Socket Part # Price Each	SR Thread Part # Price Each	Flanged Part # Price Each	Socket Part # Price Each	SR Thread Part # Price Each	Flanged Part # Price Each	
1/2 Air to Air	21101H101-005 372.83	23101H101-005 373.82	24101H101-005 392.70	21201H101-005 378.02	23201H101-005 379.04	24201H101-005 397.14	530
1/2 Air to Spring	21101J101-005 438.77	23101J101-005 439.76	24101J101-005 458.63	21201J101-005 443.95	23201J101-005 444.97	24201J101-005 463.06	530
3/4 Air to Air	21101H101-007 381.29	23101H101-007 383.65	24101H101-007 410.36	21201H101-007 387.41	23201H101-007 389.84	24201H101-007 417.70	530
3/4 Air to Spring	21101J101-007 447.21	23101J101-007 449.60	24101J101-007 476.28	21201J101-007 453.37	23201J101-007 455.76	24201J101-007 483.63	530
1 Air to Air	21101H101-010 397.72	23101H101-010 400.11	24101H101-010 433.98	21201H101-010 405.14	23201H101-010 407.50	24201H101-010 441.62	530
1 Air to Spring	21101J101-010 463.66	23101J101-010 466.02	24101J101-010 499.88	21201J101-010 471.06	23201J101-010 473.41	24201J101-010 507.54	530
1-1/4 Air to Air	21101H101-012 422.71	23101H101-012 429.86	24101H101-012 451.63	21201H101-012 447.62	23201H101-012 454.77	24201H101-012 464.83	530
1-1/4 Air to Spring	21101J101-012 488.64	23101J101-012 495.79	24101J101-012 517.54	21201J101-012 513.53	23201J101-012 520.69	24201J101-012 530.74	530
1-1/2 Air to Air	21101H101-015 441.13	23101H101-015 448.83	24101H101-015 482.48	21201H101-015 453.04	23201H101-015 460.80	24201H101-015 495.69	530
1-1/2 Air to Spring	21101J101-015 507.04	23101J101-015 514.74	24101J101-015 548.41	21201J101-015 518.98	23201J101-015 526.71	24201J101-015 561.61	530
2 Air to Air	21101H101-020 517.76	23101H101-020 526.11	24101H101-020 613.20	21201H101-020 532.22	23201H101-020 540.43	24201H101-020 627.68	530
2 Air to Spring	21101J101-020 673.41	23101J101-020 681.91	24101J101-020 769.03	21201J101-020 688.05	23201J101-020 696.24	24201J101-020 783.50	530
2-1/2 Air to Air	21101H101-025 799.59	23101H101-025 822.10	24101H101-025 965.13	21201H101-025 897.31	23201H101-025 919.78	24201H101-025 972.38	530
2-1/2 Air to Spring	21101J101-025 928.44	23101J101-025 950.93	24101J101-025 1093.96	21201J101-025 1026.14	23201J101-025 1048.63	24201J101-025 1101.26	530
3 Air to Air	21101H101-030 887.23	23101H101-030 909.72	24101H101-030 1011.53	21201H101-030 927.56	23201H101-030 950.05	24201H101-030 1129.20	530
3 Air to Spring	21101J101-030 1016.09	23101J101-030 1038.60	24101J101-030 1140.37	21201J101-030 1056.39	23201J101-030 1078.88	24201J101-030 1258.03	530
4 Air to Air	21101H101-040 1257.32	23101H101-040 1337.51	24101H101-040 1623.69	21201H101-040 1325.47	23201H101-040 1351.72	24201H101-040 1779.61	530
4 Air to Spring	21101J101-040 1503.03	23101J101-040 1529.29	24101J101-040 1869.39	21201J101-040 1571.16	23201J101-040 1597.41	24201J101-040 2025.31	530
6 Air to Air	21101H101-060 2253.31	23101H101-060 2290.77	24101H101-060 3014.39	21201H101-060 2398.63	23201H101-060 2436.07	24201H101-060 3346.99	530
6 Air to Spring	21101J101-060 2735.73	23101J101-060 2773.18	24101J101-060 3496.82	21201J101-060 2881.05	23201J101-060 2918.50	24201J101-060 3829.43	530

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors.
For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

NOT FOR USE WITH COMPRESSED AIR OR GAS

Spears® Manufacturing Company

Premium Actuated True Union 2000 Industrial Ball Valve - Pneumatic



CPVC

O-ring Joint	EPDM			Viton®			Disc Code
	Socket Part # Price Each	SR Thread Part # Price Each	Flanged Part # Price Each	Socket Part # Price Each	SR Thread Part # Price Each	Flanged Part # Price Each	
1/2 Air to Air	21102H101-005 387.64	23102H101-005 388.63	24102H101-005 430.16	21202H101-005 394.43	23202H101-005 395.44	24202H101-005 432.40	532
1/2 Air to Spring	21102J101-005 453.56	23102J101-005 454.55	24102J101-005 496.09	21202J101-005 460.34	23202J101-005 461.36	24202J101-005 498.33	532
3/4 Air to Air	21102H101-007 403.49	23102H101-007 405.88	24102H101-007 453.56	21202H101-007 412.03	23202H101-007 414.43	24202H101-007 458.83	532
3/4 Air to Spring	21102J101-007 469.40	23102J101-007 471.81	24102J101-007 519.49	21202J101-007 477.95	23202J101-007 480.34	24202J101-007 524.77	532
1 Air to Air	21102H101-010 424.11	23102H101-010 426.52	24102H101-010 477.91	21202H101-010 434.27	23202H101-010 436.66	24202H101-010 486.88	532
1 Air to Spring	21102J101-010 490.03	23102J101-010 492.43	24102J101-010 543.83	21202J101-010 500.19	23202J101-010 502.59	24202J101-010 552.81	532
1-1/4 Air to Air	21102H101-012 478.07	23102H101-012 485.28	24102H101-012 549.77	21202H101-012 494.31	23202H101-012 501.50	24202H101-012 557.33	532
1-1/4 Air to Spring	21102J101-012 544.00	23102J101-012 551.19	24102J101-012 615.67	21202J101-012 560.24	23202J101-012 567.43	24202J101-012 623.24	532
1-1/2 Air to Air	21102H101-015 486.27	23102H101-015 493.97	24102H101-015 571.45	21202H101-015 503.31	23202H101-015 511.02	24202H101-015 579.43	532
1-1/2 Air to Spring	21102J101-015 552.18	23102J101-015 559.88	24102J101-015 637.37	21202J101-015 569.22	23202J101-015 576.96	24202J101-015 645.34	532
2 Air to Air	21102H101-020 580.03	23102H101-020 588.41	24102H101-020 706.90	21202H101-020 610.80	23202H101-020 619.16	24202H101-020 770.37	532
2 Air to Spring	21102J101-020 735.86	23102J101-020 744.21	24102J101-020 862.72	21202J101-020 766.61	23202J101-020 774.95	24202J101-020 926.20	532
2-1/2 Air to Air	21102H101-025 985.10	23102H101-025 1007.57	24102H101-025 1144.72	21202H101-025 1036.23	23202H101-025 1058.72	24202H101-025 1268.95	532
2-1/2 Air to Spring	21102J101-025 1113.95	23102J101-025 1136.41	24102J101-025 1273.56	21202J101-025 1165.10	23202J101-025 1187.56	24202J101-025 1397.80	532
3 Air to Air	21102H101-030 1063.07	23102H101-030 1085.54	24102H101-030 1431.56	21202H101-030 1122.94	23202H101-030 1145.45	24202H101-030 1452.24	532
3 Air to Spring	21102J101-030 1191.90	23102J101-030 1214.38	24102J101-030 1560.40	21202J101-030 1251.78	23202J101-030 1274.29	24202J101-030 1581.07	532
4 Air to Air	21102H101-040 1620.34	23102H101-040 1646.59	24102H101-040 2235.30	21202H101-040 1728.80	23202H101-040 1755.06	24202H101-040 2298.94	532
4 Air to Spring	21102J101-040 1866.05	23102J101-040 1892.30	24102J101-040 2481.00	21202J101-040 1974.52	23202J101-040 2000.77	24202J101-040 2544.64	532
6 Air to Air	21102H101-060 3006.89	23102H101-060 3063.82	24102H101-060 4317.83	21202H101-060 3237.63	23202H101-060 3294.56	24202H101-060 4452.67	532
6 Air to Spring	21102J101-060 3489.33	23102J101-060 3546.27	24102J101-060 4800.24	21202J101-060 3720.04	23202J101-060 3776.97	24202J101-060 4935.11	532

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors.
For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

NOT FOR USE WITH COMPRESSED AIR OR GAS

Made in the U.S.A.

Progressive Products from Spears® Innovation and Technology



Premium Actuated Standard Butterfly Valve - Electric

Industrial grade valve with patented seat design uses no liner. Eliminates seat-creep and reduces operating torque. Full-featured actuator can be custom configured with add-on accessories.



- Solid SS316L Stem
- ANSI Class 150 Bolt Pattern
- 150 psi @ 73°F (23°C) (Thru 12"),
14"-100 psi, 16"-85 psi,
18"-70 psi, 20"-24"-50 psi
- 115 VAC standard, optional voltages available
- 2-Position Operation with 2-SPDT Limit Switches
- NEMA 4 Enclosure, Powder Coated
- Declutchable Manual Override
- Position Indicator

See [Electric Actuator Accessories](#) for Add-on Actuator Accessories

PVC

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2	41101A121-015 1486.06	41201A121-015 1486.06	41301A121-015 1734.51	510
2	41101A121-020 1526.11	41201A121-020 1526.11	41301A121-020 1772.45	510
2-1/2	41101A121-025 1549.45	41201A121-025 1549.45	41301A121-025 1804.12	510
3	41101A121-030 1816.38	41201A121-030 1816.38	41301A121-030 2075.26	510
4	41101A121-040 1998.97	41201A121-040 1998.97	41301A121-040 2349.70	510
6	41101A121-060 2714.95	41201A121-060 2714.95	41301A121-060 3316.26	510
8	41101A121-080 3072.33	41201A121-080 3072.33	41301A121-080 4066.11	510
10	41101A121-100 4452.88	41201A121-100 4452.88	41301A121-100 6440.39	510
12	41101A123-120 5586.90	41201A123-120 5586.90	41301A123-120 8647.53	510

Polypropylene

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2	41103A121-015 1692.07	41203A121-015 1692.07	41303A121-015 2118.51	514
2	41103A121-020 1715.85	41203A121-020 1715.85	41303A121-020 2149.12	514
2-1/2	41103A121-025 1747.84	41203A121-025 1747.84	41303A121-025 2196.44	514
3	41103A121-030 2022.82	41203A121-030 2022.82	41303A121-030 2480.90	514
4	41103A121-040 2231.88	41203A121-040 2231.88	41303A121-040 2845.76	514
6	41103A121-060 3076.01	41203A121-060 3076.01	41303A121-060 4116.70	514
8	41103A121-080 3686.35	41203A121-080 3686.35	41303A121-080 5428.51	514
10	41103A121-100 5672.90	41203A121-100 5672.90	41303A121-100 9173.52	514
12	41103A123-120 7171.20	41203A123-120 7171.20	41303A123-120 12553.60	514

14, 16, 18, 20 & 24 - Price On Application

CPVC

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2	41102A121-015 1584.20	41202A121-015 1584.20	41302A121-015 1914.07	512
2	41102A121-020 1622.14	41202A121-020 1622.14	41302A121-020 1943.63	512
2-1/2	41102A121-025 1651.72	41202A121-025 1651.72	41302A121-025 1987.86	512
3	41102A121-030 1941.64	41202A121-030 1941.64	41302A121-030 2313.27	512
4	41102A121-040 2145.10	41202A121-040 2365.93	41302A121-040 2654.55	512
6	41102A121-060 2932.10	41202A121-060 2932.10	41302A121-060 3804.76	512
8	41102A121-080 3448.12	41202A121-080 3448.12	41302A121-080 4892.86	512
10	41102A121-100 5200.31	41202A121-100 5200.31	41302A121-100 8102.23	512
12	41102A123-120 6572.31	41202A123-120 6572.31	41302A123-120 10344.87	512

NOTE: Due to variations in potential system operating conditions, 14" - 24" Actuated Butterfly Valve packages are sized and priced according to application parameters. Please contact Spears® for additional information.

NOT FOR USE WITH COMPRESSED AIR OR GAS

Spears® Manufacturing Company

Premium Actuated Standard Butterfly Valve - Pneumatic



Industrial grade valve with patented seat design uses no liner. Eliminates seat-creep and reduces operating torque. Full-featured actuator can be custom configured with add-on accessories.

- Solid SS316L Stem
- ANSI Class 150 Bolt Pattern
- 150 psi @ 73°F (23°C) (Thru 12")
- 14"-100 psi, 16"-85 psi, 18"-70 psi, 20"-24"-50 psi
- 80 psi Operating Pressure, other options available
- 2-Position Air-Air or Air-Spring Closed (optional spring open)
- Dual Rack & Pinion with Adjustable Stops
- Manual Override
- Position Indicator

See **Pneumatic Actuator Accessories for Ball Valves & Butterfly Valves** for Add-on Actuator Accessories

PVC

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2 Air to Air	41101H101-015 590.15	41201H101-015 590.15	41301H101-015 838.59	540
1-1/2 Air to Spring	41101J101-015 656.06	41201J101-015 656.06	41301J101-015 904.49	540
2 Air to Air	41101H101-020 630.17	41201H101-020 630.17	41301H101-020 876.52	540
2 Air to Spring	41101J101-020 785.99	41201J101-020 785.99	41301J101-020 1032.32	540
2-1/2 Air to Air	41101H101-025 653.53	41201H101-025 653.53	41301H101-025 908.19	540
2-1/2 Air to Spring	41101J101-025 869.27	41201J101-025 869.27	41301J101-025 1123.94	540
3 Air to Air	41101H101-030 761.67	41201H101-030 761.67	41301H101-030 1020.52	540
3 Air to Spring	41101J101-030 938.45	41201J101-030 938.45	41301J101-030 1197.31	540
4 Air to Air	41101H101-040 893.29	41201H101-040 893.29	41301H101-040 1244.01	540
4 Air to Spring	41101J101-040 1138.99	41201J101-040 1138.99	41301J101-040 1489.71	540
6 Air to Air	41101H101-060 1252.71	41201H101-060 1252.71	41301H101-060 1854.00	540
6 Air to Spring	41101J101-060 1735.13	41201J101-060 1735.13	41301J101-060 2336.43	540
8 Air to Air	41101H101-080 1777.88	41201H101-080 1777.88	41301H101-080 2771.66	540
8 Air to Spring	41101J101-080 2455.09	41201J101-080 2455.09	41301J101-080 3448.84	540
10 Air to Air	41101H101-100 2649.04	41201H101-100 2649.04	41301H101-100 4636.56	540
10 Air to Spring	41101J101-100 3841.61	41201J101-100 3841.61	41301J101-100 5829.13	540
12 Air to Air	41101H101-120 3135.83	41201H101-120 3135.83	41301H101-120 6196.46	540
12 Air to Spring	41101J101-120 4328.41	41201J101-120 4328.41	41301J101-120 7389.02	540

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

CPVC

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2 Air to Air	41102H101-015 688.29	41202H101-015 688.29	41302H101-015 1018.14	542
1-1/2 Air to Spring	41102J101-015 754.20	41202J101-015 754.20	41302J101-015 1084.06	542
2 Air to Air	41102H101-020 726.21	41202H101-020 726.21	41302H101-020 1047.71	542
2 Air to Spring	41102J101-020 882.03	41202J101-020 882.03	41302J101-020 1203.50	542
2-1/2 Air to Air	41102H101-025 755.79	41202H101-025 755.79	41302H101-025 1091.93	542
2-1/2 Air to Spring	41102J101-025 971.93	41202J101-025 971.93	41302J101-025 1307.68	542
3 Air to Air	41102H101-030 886.91	41202H101-030 886.91	41302H101-030 1258.52	542
3 Air to Spring	41102J101-030 1063.69	41202J101-030 1063.69	41302J101-030 1435.31	542
4 Air to Air	41102H101-040 1039.41	41202H101-040 1039.41	41302H101-040 1548.88	542
4 Air to Spring	41102J101-040 1285.12	41202J101-040 1285.12	41302J101-040 1794.59	542
6 Air to Air	41102H101-060 1469.82	41202H101-060 1469.82	41302H101-060 2342.51	542
6 Air to Spring	41102J101-060 1952.26	41202J101-060 1952.26	41302J101-060 2824.93	542
8 Air to Air	41102H101-080 2153.67	41202H101-080 2153.67	41302H101-080 3598.43	542
8 Air to Spring	41102J101-080 2830.85	41202J101-080 2830.85	41302J101-080 4275.61	542
10 Air to Air	41102H101-100 3396.47	41202H101-100 3396.47	41302H101-100 6298.41	542
10 Air to Spring	41102J101-100 4589.04	41202J101-100 4589.04	41302J101-100 7490.97	542
12 Air to Air	41102H101-120 4121.24	41202H101-120 4121.24	41302H101-120 7893.81	542
12 Air to Spring	41102J101-120 5313.81	41202J101-120 5313.81	41302J101-120 9086.37	542

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

NOT FOR USE WITH COMPRESSED AIR OR GAS

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Progressive Products from Spears® Innovation and Technology

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Premium Actuated Standard Butterfly Valve - Pneumatic

Polypropylene

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2 Air to Air	41103H101-015 796.15	41203H101-015 796.15	41303H101-015 1222.59	544
1-1/2 Air to Spring	41103J101-015 862.06	41203J101-015 862.06	41303J101-015 1288.50	544
2 Air to Air	41103H101-020 819.93	41203H101-020 819.93	41303H101-020 1253.19	544
2 Air to Spring	41103J101-020 975.76	41203J101-020 975.76	41303J101-020 1409.00	544
2-1/2 Air to Air	41103H101-025 851.90	41203H101-025 851.90	41303H101-025 1300.51	544
2-1/2 Air to Spring	41103J101-025 1067.66	41203J101-025 1067.66	41303J101-025 1516.26	544
3 Air to Air	41103H101-030 968.09	41203H101-030 968.09	41303H101-030 1426.18	544
3 Air to Spring	41103J101-030 1144.87	41203J101-030 1144.87	41303J101-030 1602.97	544
4 Air to Air	41103H101-040 1126.20	41203H101-040 1126.20	41303H101-040 1740.07	544
4 Air to Spring	41103J101-040 1371.90	41203J101-040 1371.90	41303J101-040 1985.78	544
6 Air to Air	41103H101-060 1613.76	41203H101-060 1613.76	41303H101-060 2654.47	544
6 Air to Spring	41103J101-060 2096.17	41203J101-060 2096.17	41303J101-060 3136.87	544
8 Air to Air	41103H101-080 2391.89	41203H101-080 2391.89	41303H101-080 4134.06	544
8 Air to Spring	41103J101-080 3069.07	41203J101-080 3069.07	41303J101-080 3462.87	544
10 Air to Air	41103H101-100 3869.05	41203H101-100 3869.05	41303H101-100 7369.67	544
10 Air to Spring	41103J101-100 5061.64	41203J101-100 5061.64	41303J101-100 8562.24	544
12 Air to Air	41103H101-120 4720.14	41203H101-120 4720.14	41303H101-120 10102.52	544
12 Air to Spring	41103J101-120 5912.71	41203J101-120 5912.71	41303J101-120 11295.11	544

14, 16, 18, 20 & 24 - Price On Application

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

NOTE: Due to variations in potential system operating conditions, 14" -24" Actuated Butterfly Valve packages are sized and priced according to application parameters. Please contact Spears® for additional information.

Premium Actuated Lug Insert Butterfly Valve - Electric



Industrial grade valve with factory assembled lug inserts. Patented seat design uses no liner. Eliminates seat-creep and reduces operating torque. Full-featured actuator can be custom configured with add-on accessories.

- Solid SS316L Stem
- ANSI Class 150 Bolt Pattern
- 150 psi @ 73°F (23°C)
- 115 VAC standard, optional voltages available
- Zinc or SS Lug Inserts
- 2-Position Operation with 2-SPDT Limit Switches
- NEMA 4 Enclosure, Powder Coated
- Declutchable Manual Override
- Position Indicator

See Electric Actuator Accessories for Add-on Actuator Accessories

PVC - Stainless Steel Lug Inserts

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2	41121A121-015 1564.73	41221A121-015 1564.73	41321A121-015 1790.54	510
2	41121A121-020 1608.03	41221A121-020 1608.03	41321A121-020 1844.66	510
2-1/2	41121A121-025 1651.30	41221A121-025 1651.30	41321A121-025 1859.53	510
3	41121A121-030 2118.07	41221A121-030 2118.07	41321A121-030 2343.89	510
4	41121A121-040 2832.62	41221A121-040 2832.62	41321A121-040 3109.80	510
6	41121A121-060 3768.12	41221A121-060 3768.12	41321A121-060 4269.76	510
8	41121A121-080 4136.55	41221A121-080 4136.55	41321A121-080 5114.15	510
10	41121A121-100 6408.66	41221A121-100 6408.66	41321A121-100 8332.74	510
12	41121A123-120 7725.68	41221A123-120 7725.68	41321A123-120 10421.83	510

CPVC - Stainless Steel Lug Inserts

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2	41122A121-015 1722.93	41222A121-015 1722.93	41322A121-015 2006.88	512
2	41122A121-020 1774.34	41222A121-020 1774.34	41322A121-020 2048.82	512
2-1/2	41122A121-025 1781.11	41222A121-025 1781.11	41322A121-025 2077.22	512
3	41122A121-030 2253.30	41222A121-030 2253.30	41322A121-030 2545.36	512
4	41122A121-040 3086.82	41222A121-040 3086.82	41322A121-040 3426.21	512
6	41122A121-060 4080.47	41222A121-060 4080.47	41322A121-060 4715.96	512
8	41122A121-080 4540.83	41222A121-080 4540.83	41322A121-080 5833.48	512
10	41122A121-100 7215.89	41222A121-100 7215.89	41322A121-100 9502.34	512
12	41122A123-120 8642.41	41222A123-120 8642.41	41322A123-120 11778.02	512

PVC - Zinc Lug Inserts

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2	41111A121-015 1504.71	41211A121-015 1504.71	41311A121-015 1745.24	510
2	41111A121-020 1551.24	41211A121-020 1551.24	41311A121-020 1883.33	510
2-1/2	41111A121-025 1571.65	41211A121-025 1571.65	41311A121-025 1829.11	510
3	41111A121-030 2038.30	41211A121-030 2038.30	41311A121-030 2231.67	510
4	41111A121-040 2689.30	41211A121-040 2689.30	41311A121-040 2927.27	510
6	41111A121-060 3580.17	41211A121-060 3580.17	41311A121-060 4008.81	510
8	41111A121-080 3902.63	41211A121-080 3902.63	41311A121-080 4861.29	510
10	41111A121-100 5939.48	41211A121-100 5939.48	41311A121-100 7575.55	510
12	41111A123-120 7183.48	41211A123-120 7183.48	41311A123-120 10269.03	510

CPVC - Zinc Lug Inserts

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2	41112A121-015 1626.94	41212A121-015 1626.94	41312A121-015 1958.73	512
2	41112A121-020 1679.69	41212A121-020 1679.69	41312A121-020 1972.44	512
2-1/2	41112A121-025 1686.47	41212A121-025 1686.47	41312A121-025 2002.60	512
3	41112A121-030 2153.23	41212A121-030 2153.23	41312A121-030 2395.27	512
4	41112A121-040 2851.60	41212A121-040 2851.55	41312A121-040 3196.34	512
6	41112A121-060 3853.31	41212A121-060 3853.31	41312A121-060 4391.46	512
8	41112A121-080 4231.20	41212A121-080 4231.20	41312A121-080 5540.06	512
10	41112A121-100 6606.06	41212A121-100 6606.06	41312A121-100 8873.60	512
12	41112A123-120 7954.19	41212A123-120 7954.19	41312A123-120 11407.54	512

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Progressive Products from Spears® Innovation and Technology



Premium Actuated Lug Insert Butterfly Valve - Pneumatic



Industrial grade valve with factory assembled lug inserts. Patented seat design uses no liner. Eliminates seat-creep and reduces operating torque. Full-featured actuator can be custom configured with add-on accessories.

- Solid SS316L Stem
- ANSI Class 150 Bolt Pattern
- 150 psi @ 73°F (23°C)
- Zinc or SS Lug Inserts
- 80 psi Operating Pressure, other options available
- 2-Position Air-Air or Air-Spring Closed (optional spring open)
- Dual Rack & Pinion with Adjustable Stops
- Manual Override
- Position Indicator

See **Pneumatic Actuator Accessories for Ball Valves & Butterfly Valves** for Add-on Actuator Accessories

PVC - Stainless Steel Lug Inserts

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2 Air to Air	41121H101-015 864.67	41221H101-015 853.35	41321H101-015 1079.15	540
1-1/2 Air to Spring	41121J101-015 914.44	41221J101-015 914.44	41321J101-015 1140.24	540
2 Air to Air	41121H101-020 896.65	41221H101-020 896.65	41321H101-020 1133.29	540
2 Air to Spring	41121J101-020 1043.95	41221J101-020 1043.95	41321J101-020 1280.57	540
2-1/2 Air to Air	41121H101-025 986.98	41221H101-025 986.98	41321H101-025 1195.20	540
2-1/2 Air to Spring	41121J101-025 1191.77	41221J101-025 1191.77	41321J101-025 1399.99	540
3 Air to Air	41121H101-030 1234.24	41221H101-030 1234.24	41321H101-030 1460.05	540
3 Air to Spring	41121J101-030 1272.71	41221J101-030 1272.71	41321J101-030 1498.52	540
4 Air to Air	41121H101-040 1643.39	41221H101-040 1643.39	41321H101-040 1920.57	540
4 Air to Spring	41121J101-040 1873.34	41221J101-040 1873.34	41321J101-040 2150.52	540
6 Air to Air	41121H101-060 2323.80	41221H101-060 2323.80	41321H101-060 2825.44	540
6 Air to Spring	41121J101-060 2650.03	41221J101-060 2650.03	41321J101-060 3151.66	540
8 Air to Air	41121H101-080 2777.81	41221H101-080 2777.81	41321H101-080 3755.39	540
8 Air to Spring	41121J101-080 3560.30	41221J101-080 3560.30	41321J101-080 4537.89	540
10 Air to Air	41121H101-100 4576.66	41221H101-100 4576.66	41321H101-100 6500.76	540
10 Air to Spring	41121J101-100 5736.05	41221J101-100 5736.05	41321J101-100 7660.14	540
12 Air to Air	41121H101-120 5118.63	41221H101-120 5118.63	41321H101-120 7814.78	540
12 Air to Spring	41121J101-120 6264.74	41221J101-120 6264.74	41321J101-120 8960.91	540

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

PVC - Zinc Lug Inserts

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2 Air to Air	41111H101-015 768.18	41211H101-015 768.18	41311H101-015 970.99	540

PVC - Zinc Lug Inserts (continued)

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2 Air to Spring	41111J101-015 829.26	41211J101-015 829.26	41311J101-015 1032.07	540
2 Air to Air	41111H101-020 839.86	41211H101-020 839.86	41311H101-020 1021.05	540
2 Air to Spring	41111J101-020 987.17	41211J101-020 987.17	41311J101-020 1168.36	540
2-1/2 Air to Air	41111H101-025 907.20	41211H101-025 907.20	41311H101-025 1101.90	540
2-1/2 Air to Spring	41111J101-025 1112.00	41211J101-025 1112.00	41311J101-025 1306.70	540
3 Air to Air	41111H101-030 1154.47	41211H101-030 1154.47	41311H101-030 1347.83	540
3 Air to Spring	41111J101-030 1192.94	41211J101-030 1192.94	41311J101-030 1386.30	540
4 Air to Air	41111H101-040 1500.06	41211H101-040 1500.06	41311H101-040 1738.04	540
4 Air to Spring	41111J101-040 1730.00	41211J101-040 1730.00	41311J101-040 1967.98	540
6 Air to Air	41111H101-060 2261.61	41211H101-060 2261.61	41311H101-060 2564.49	540
6 Air to Spring	41111J101-060 2462.09	41211J101-060 2462.09	41311J101-060 2890.71	540
8 Air to Air	41111H101-080 2543.87	41211H101-080 2543.87	41311H101-080 3376.79	540
8 Air to Spring	41111J101-080 3326.37	41211J101-080 3326.37	41311J101-080 4159.28	540
10 Air to Air	41111H101-100 4107.49	41211H101-100 4107.49	41311H101-100 5743.56	540
10 Air to Spring	41111J101-100 5266.87	41211J101-100 5266.87	41311J101-100 6902.95	540
12 Air to Air	41111H101-120 4576.43	41211H101-120 4576.43	41311H101-120 7661.99	540
12 Air to Spring	41111J101-120 5722.54	41211J101-120 5722.54	41311J101-120 8808.11	540

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

CPVC - Stainless Steel Lug Inserts

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2 Air to Air	41222H101-015 1011.54	41222H101-015 1011.54	41322H101-015 1295.50	542
1-1/2 Air to Spring	41222J101-015 1072.64	41222J101-015 1072.64	41322J101-015 1356.59	542

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Spears® Manufacturing Company

Progressive Products from Spears® Innovation and Technology

Premium Actuated Lug Insert Butterfly Valve - Pneumatic



CPVC - Stainless Steel Lug Inserts (continued)

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
2 Air to Air	41122H101-020 1062.96	41222H101-020 1062.96	41322H101-020 1337.45	542
2 Air to Spring	41122J101-020 1210.27	41222J101-020 1210.27	41322J101-020 1484.74	542
2-1/2 Air to Air	41122H101-025 1116.79	41222H101-025 1116.79	41322H101-025 1412.89	542
2-1/2 Air to Spring	41122J101-025 1321.57	41222J101-025 1321.57	41322J101-025 1617.69	542
3 Air to Air	41122H101-030 1369.47	41222H101-030 1369.47	41322H101-030 1661.52	542
3 Air to Spring	41122J101-030 1408.26	41222J101-030 1407.93	41322J101-030 1699.99	542
4 Air to Air	41122H101-040 1897.59	41222H101-040 1897.59	41322H101-040 2236.99	542
4 Air to Spring	41122J101-040 2127.53	41222J101-040 2127.53	41322J101-040 2466.93	542
6 Air to Air	41122H101-060 2636.15	41222H101-060 2636.15	41322H101-060 3271.64	542
6 Air to Spring	41122J101-060 2962.38	41222J101-060 2962.38	41322J101-060 3597.87	542
8 Air to Air	41122H101-080 3182.09	41222H101-080 3182.09	41322H101-080 4474.72	542
8 Air to Spring	41122J101-080 3964.57	41222J101-080 3964.57	41322J101-080 5257.22	542
10 Air to Air	41122H101-100 5383.89	41222H101-100 5383.89	41322H101-100 7670.35	542
10 Air to Spring	41122J101-100 5965.73	41222J101-100 5965.73	41322J101-100 8252.18	542
12 Air to Air	41122H101-120 6035.38	41222H101-120 6035.38	41322H101-120 9170.97	542
12 Air to Spring	41122J101-120 7181.50	41222J101-120 7181.50	41322J101-120 10317.09	542

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

CPVC - Zinc Lug Inserts (continued)

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
4 Air to Spring	41112J101-040 1892.27	41212J101-040 1892.27	41312J101-040 2237.06	542
6 Air to Air	41112H101-060 2408.99	41212H101-060 2408.99	41312H101-060 2947.14	542
6 Air to Spring	41112J101-060 2735.21	41212J101-060 2735.21	41312J101-060 3273.36	542
8 Air to Air	41112H101-080 2872.46	41212H101-080 2872.46	41312H101-080 4181.32	542
8 Air to Spring	41112J101-080 3654.95	41212J101-080 3654.95	41312J101-080 4963.81	542
10 Air to Air	41112H101-100 4774.09	41212H101-100 4774.09	41312H101-100 7041.62	542
10 Air to Spring	41112J101-100 5355.91	41212J101-100 5355.91	41312J101-100 7623.45	542
12 Air to Air	41112H101-120 5347.14	41212H101-120 5347.14	41312H101-120 8800.49	542
12 Air to Spring	41112J101-120 6493.26	41212J101-120 6493.26	41312J101-120 9946.61	542

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

CPVC - Zinc Lug Inserts

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2 Air to Air	41112H101-015 915.55	41212H101-015 915.55	41312H101-015 1146.77	542
1-1/2 Air to Spring	41112J101-015 976.38	41212J101-015 976.38	41312J101-015 1207.85	542
2 Air to Air	41112H101-020 968.31	41212H101-020 968.31	41312H101-020 1198.18	542
2 Air to Spring	41112J101-020 1115.62	41212J101-020 1115.59	41312J101-020 1345.49	542
2-1/2 Air to Air	41112H101-025 1022.14	41212H101-025 1022.14	41312H101-025 1262.81	542
2-1/2 Air to Spring	41112J101-025 1226.93	41212J101-025 1226.93	41312J101-025 1467.61	542
3 Air to Air	41112H101-030 1269.39	41212H101-030 1269.39	41312H101-030 1511.43	542
3 Air to Spring	41112J101-030 1307.86	41212J101-030 1307.86	41312J101-030 1549.89	542
4 Air to Air	41112H101-040 1662.33	41212H101-040 1662.33	41312H101-040 2007.12	542

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Premium Actuated True Lug Butterfly Valve - Electric



Industrial grade lug style valve with patented seat design uses no liner. Eliminates seat-creep and reduces operating torque. Full-featured actuator can be custom configured with add-on accessories.

- Solid SS316L Stem
- ANSI Class 150 Bolt Pattern
- 150 psi @ 73°F (23°C)
- 115 VAC standard, optional voltages available
- 2-Position Operation with 2-SPDT Limit Switches
- NEMA 4 Enclosure, Powder Coated
- Declutchable Manual Override
- Position Indicator

See [Electric Actuator Accessories](#) for Add-on Actuator Accessories

PVC - Stainless Steel Lugs

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2	51121A121-015 1910.46	51221A121-015 1910.46	51321A121-015 2226.70	510
2	51121A121-020 1939.15	51221A121-020 1939.15	51321A121-020 2271.05	510
2-1/2	51121A121-025 2015.27	51221A121-025 2015.27	51321A121-025 2305.22	510
3	51121A121-030 2285.43	51221A121-030 2285.43	51321A121-030 2603.19	510
4	51121A121-040 3011.52	51221A121-040 3011.52	51321A121-040 3399.51	510
6	51121A121-060 3998.43	51221A121-060 3998.43	51321A121-060 4700.12	510
8	51121A121-080 4417.70	51221A121-080 4417.70	51321A121-080 5785.27	510
10	51121A121-100 7218.93	51221A121-100 7218.93	51321A121-100 9910.49	510
12	51121A123-120 8555.45	51221A123-120 8555.45	51321A123-120 12327.45	510

CPVC - Stainless Steel Lugs

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2	51122A121-015 2132.62	51222A121-015 2132.62	51322A121-015 2531.15	512
2	51122A121-020 2172.51	51222A121-020 2172.51	51322A121-020 2555.89	512
2-1/2	51122A121-025 2196.94	51222A121-025 2196.94	51322A121-025 2611.50	512
3	51122A121-030 2476.12	51222A121-030 2476.12	51322A121-030 2884.64	512
4	51122A121-040 3367.85	51222A121-040 3367.85	51322A121-040 3844.01	512
6	51122A121-060 4031.68	51222A121-060 4031.68	51322A121-060 5325.59	512
8	51122A121-080 4984.57	51222A121-080 4984.57	51322A121-080 6616.68	512
10	51122A121-100 8351.78	51222A121-100 8351.78	51322A121-100 11546.40	512
12	51122A123-120 9838.35	51222A123-120 9838.35	51322A123-120 14223.79	512

PVC - Zinc Lugs

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2	51111A121-015 1791.73	51211A121-015 1791.73	51311A121-015 2076.87	510
2	51111A121-020 1860.43	51211A121-020 1860.43	51311A121-020 2112.91	510
2-1/2	51111A121-025 1906.27	51211A121-025 1906.27	51311A121-025 2176.05	510
3	51111A121-030 2175.05	51211A121-030 2175.05	51311A121-030 2445.10	510
4	51111A121-040 2813.49	51211A121-040 2813.49	51311A121-040 3064.71	510
6	51111A121-060 3737.67	51211A121-060 3737.67	51311A121-060 4336.37	510
8	51111A121-080 4092.59	51211A121-080 4092.59	51311A121-080 5256.87	510
10	51111A121-100 6564.15	51211A121-100 6564.15	51311A121-100 8851.99	510
12	51111A123-120 7798.13	51211A123-120 7798.13	51311A123-120 10354.49	510

CPVC - Zinc Lugs

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2	51112A121-015 1999.54	51212A121-015 1999.54	51312A121-015 2321.74	512
2	51112A121-020 2040.05	51212A121-020 2040.05	51312A121-020 2362.23	512
2-1/2	51112A121-025 2063.22	51212A121-025 2063.22	51312A121-025 2402.34	512
3	51112A121-030 2226.34	51212A121-030 2226.34	51312A121-030 2675.46	512
4	51112A121-040 3037.23	51212A121-040 3037.23	51312A121-040 3522.62	512
6	51112A121-060 4119.17	51212A121-060 4119.17	51312A121-060 4871.17	512
8	51112A121-080 4551.98	51212A121-080 4551.98	51312A121-080 6029.46	512
10	51112A121-100 7498.05	51212A121-100 7498.05	51312A121-100 10315.65	512
12	51112A123-120 8874.98	51212A123-120 8874.98	51312A123-120 11595.54	512

NOT FOR USE WITH COMPRESSED AIR OR GAS

Premium Actuated True Lug Butterfly Valve - Pneumatic



Industrial grade lug style valve with patented seat design uses no liner. Eliminates seat-creep and reduces operating torque. Full-featured actuator can be custom configured with add-on accessories.

- Solid SS316L Stem
- ANSI Class 150 Bolt Pattern
- 150 psi @ 73°F (23°C)
- Zinc or SS Lugs
- 80 psi Operating Pressure, other options available
- 2-Position Air-Air or Air-Spring Closed (optional spring open)
- Dual Rack & Pinion with Adjustable Stops
- Manual Override
- Position Indicator

See **Pneumatic Actuator Accessories for Ball Valves & Butterfly Valves** for Add-on Actuator Accessories

PVC - Stainless Steel Lugs

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2 Air to Air	51121H101-015 1014.52	51221H101-015 1014.52	51321H101-015 1330.78	540
1-1/2 Air to Spring	51121J101-015 1080.45	51221J101-015 1080.45	51321J101-015 1396.69	540
2 Air to Air	51121H101-020 1046.22	51221H101-020 1046.22	51321H101-020 1375.11	540
2 Air to Spring	51121J101-020 1199.05	51221J101-020 1199.05	51321J101-020 1530.91	540
2-1/2 Air to Air	51121H101-025 1119.33	51221H101-025 1119.33	51321H101-025 1409.30	540
2-1/2 Air to Spring	51121J101-025 1335.09	51221J101-025 1335.09	51321J101-025 1625.03	540
3 Air to Air	51121H101-030 1230.68	51221H101-030 1230.68	51321H101-030 1548.45	540
3 Air to Spring	51121J101-030 1407.47	51221J101-030 1407.47	51321J101-030 1725.24	540
4 Air to Air	51121H101-040 1905.84	51221H101-040 1905.84	51321H101-040 2293.84	540
4 Air to Spring	51121J101-040 2151.54	51221J101-040 2151.54	51321J101-040 2539.56	540
6 Air to Air	51121H101-060 2536.17	51221H101-060 2536.17	51321H101-060 3237.87	540
6 Air to Spring	51121J101-060 3018.57	51221J101-060 3018.57	51321J101-060 3720.28	540
8 Air to Air	51121H101-080 3123.26	51221H101-080 3123.26	51321H101-080 4490.82	540
8 Air to Spring	51121J101-080 3800.44	51221J101-080 3800.44	51321J101-080 5168.02	540
10 Air to Air	51121H101-100 5415.09	51221H101-100 5415.09	51321H101-100 8106.64	540
10 Air to Spring	51121J101-100 6547.72	51221J101-100 6547.72	51321J101-100 9299.23	540
12 Air to Air	51121H101-120 6104.38	51221H101-120 6104.38	51321H101-120 9874.89	540
12 Air to Spring	51121J101-120 7296.95	51221J101-120 7296.95	51321J101-120 11067.45	540

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

PVC - Zinc Lugs (continued)

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2 Air to Spring	51111J101-015 961.73	51211J101-015 961.73	51311J101-015 1246.86	540
2 Air to Air	51111H101-020 964.49	51211H101-020 964.49	51311H101-020 1216.99	540
2 Air to Spring	51111J101-020 1120.31	51211J101-020 1120.31	51311J101-020 1372.82	540
2-1/2 Air to Air	51111H101-025 1010.32	51211H101-025 1010.32	51311H101-025 1280.13	540
2-1/2 Air to Spring	51111J101-025 1226.07	51211J101-025 1226.07	51311J101-025 1495.86	540
3 Air to Air	51111H101-030 1120.33	51211H101-030 1120.33	51311H101-030 1390.36	540
3 Air to Spring	51111J101-030 1297.13	51211J101-030 1297.13	51311J101-030 1567.15	540
4 Air to Air	51111H101-040 1707.81	51211H101-040 1707.81	51311H101-040 1959.02	540
4 Air to Spring	51111J101-040 1953.51	51211J101-040 2466.56	51311J101-040 2204.72	540
6 Air to Air	51111H101-060 2275.43	51211H101-060 2275.43	51311H101-060 2874.13	540
6 Air to Spring	51111J101-060 2757.83	51211J101-060 2757.83	51311J101-060 3356.54	540
8 Air to Air	51111H101-080 2798.15	51211H101-080 2798.15	51311H101-080 3962.43	540
8 Air to Spring	51111J101-080 4020.69	51211J101-080 4020.69	51311J101-080 4639.62	540
10 Air to Air	51111H101-100 4760.31	51211H101-100 4760.31	51311H101-100 7048.17	540
10 Air to Spring	51111J101-100 5952.88	51211J101-100 5952.88	51311J101-100 8240.73	540
12 Air to Air	51111H101-120 5347.06	51211H101-120 5347.06	51311H101-120 7903.43	540
12 Air to Spring	51111J101-120 6539.65	51211J101-120 6539.65	51311J101-120 9096.00	540

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

PVC - Zinc Lugs

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2 Air to Air	51111H101-015 895.80	51211H101-015 895.80	51311H101-015 1180.96	540

CPVC - Stainless Steel Lugs

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2 Air to Air	51122H101-015 1236.67	51222H101-015 1236.67	51322H101-015 1635.23	542
1-1/2 Air to Spring	51122J101-015 1302.60	51222J101-015 1302.60	51322J101-015 1701.14	542

NOT FOR USE WITH COMPRESSED AIR OR GAS

Made in the U.S.A.

Progressive Products from Spears® Innovation and Technology



Premium Actuated True Lug Butterfly Valve - Pneumatic

CPVC - Stainless Steel Lugs (continued)

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
2 Air to Air	51122H101-020 1276.60	51222H101-020 1276.60	51322H101-020 1659.94	542
2 Air to Spring	51122J101-020 1432.41	51222J101-020 1432.41	51322J101-020 1815.77	542
2-1/2 Air to Air	51122H101-025 1301.01	51222H101-025 1301.01	51322H101-025 1715.56	542
2-1/2 Air to Spring	51122J101-025 1516.74	51222J101-025 1516.74	51322J101-025 1931.31	542
3 Air to Air	51122H101-030 1421.38	51222H101-030 1421.38	51322H101-030 1829.90	542
3 Air to Spring	51122J101-030 1598.17	51222J101-030 1598.17	51322J101-030 2006.70	542
4 Air to Air	51122H101-040 2262.18	51222H101-040 2262.18	51322H101-040 2738.33	542
4 Air to Spring	51122J101-040 2507.87	51222J101-040 2507.87	51322J101-040 2984.04	542
6 Air to Air	51122H101-060 2973.95	51222H101-060 2973.95	51322H101-060 3863.32	542
6 Air to Spring	51122J101-060 3456.36	51222J101-060 3456.36	51322J101-060 4345.77	542
8 Air to Air	51122H101-080 3690.12	51222H101-080 3690.12	51322H101-080 5322.21	542
8 Air to Spring	51122J101-080 4367.30	51222J101-080 4367.30	51322J101-080 5999.43	542
10 Air to Air	51122H101-100 6547.94	51222H101-100 6547.94	51322H101-100 9742.55	542
10 Air to Spring	51122J101-100 7740.52	51222J101-100 7740.52	51322J101-100 10935.13	542
12 Air to Air	51122H101-120 7387.29	51222H101-120 7387.29	51322H101-120 11772.72	542
12 Air to Spring	51122J101-120 8579.88	51222J101-120 8579.88	51322J101-120 12965.30	542
NOTE: For Air to Spring <u>OPEN</u> , change letter "J" to letter "K" in listed part number.				

CPVC - Zinc Lugs (continued)

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
4 Air to Spring	51112J101-040 2177.24	51212J101-040 2177.24	51312J101-040 2662.64	542
6 Air to Air	51112H101-060 2656.90	51212H101-060 2656.90	51312H101-060 3408.93	542
6 Air to Spring	51112J101-060 3139.35	51212J101-060 3139.35	51312J101-060 3891.35	542
8 Air to Air	51112H101-080 3257.54	51212H101-080 3257.54	51312H101-080 4735.01	542
8 Air to Spring	51112J101-080 3934.71	51212J101-080 3934.71	51312J101-080 5412.21	542
10 Air to Air	51112H101-100 5694.19	51212H101-100 5694.19	51312H101-100 8511.82	542
10 Air to Spring	51112J101-100 6886.78	51212J101-100 6886.78	51312J101-100 9704.39	542
12 Air to Air	51112H101-120 6423.93	51212H101-120 6423.93	51312H101-120 9144.48	542
12 Air to Spring	51112J101-120 7616.49	51212J101-120 7616.49	51312J101-120 10337.05	542
NOTE: For Air to Spring <u>OPEN</u> , change letter "J" to letter "K" in listed part number.				

CPVC - Zinc Lugs

Size	Buna-N O-ring	EPDM O-ring	Viton® O-ring	Disc Code
1-1/2 Air to Air	51112H101-015 1103.60	51212H101-015 1103.60	51312H101-015 1425.81	542
1-1/2 Air to Spring	51112J101-015 1169.53	51212J101-015 1169.53	51312J101-015 1491.72	542
2 Air to Air	51112H101-020 1144.12	51212H101-020 1144.12	51312H101-020 1466.30	542
2 Air to Spring	51112J101-020 1299.94	51212J101-020 1299.94	51312J101-020 1622.11	542
2-1/2 Air to Air	51112H101-025 1167.27	51212H101-025 1167.27	51312H101-025 1506.41	542
2-1/2 Air to Spring	51112J101-025 1383.01	51212J101-025 1383.01	51312J101-025 1722.16	542
3 Air to Air	51112H101-030 1171.61	51212H101-030 1171.61	51312H101-030 1620.72	542
3 Air to Spring	51112J101-030 1348.37	51212J101-030 1348.37	51312J101-030 1797.52	542
4 Air to Air	51112H101-040 1931.54	51212H101-040 1931.54	51312H101-040 2416.95	542

NOT FOR USE WITH COMPRESSED AIR OR GAS

Spears® Manufacturing Company

Premium Actuated Diaphragm Valve - Electric



Industrial grade Weir-type design, excellent for throttling and use with viscous fluids. Full-featured actuator can be custom configured with add-on accessories.



- Stainless Steel Hardware
- 235 psi @ 73°F (23°C) - sizes 1/2"-2" (flanged & PTFE diaphragm-150 psi), 2-1/2"-4"-150 psi
- 115 VAC standard, optional voltages available
- Multi-turn Operation with 2-SPDT Limit Switches
- NEMA 4 Enclosure, Powder Coated

See Electric Actuator Accessories for Add-on Actuator Accessories

PVC - EPDM and Viton® Diaphragms

Material	EPDM O-ring & EPDM Diaphragm				Viton® O-ring & Viton® Diaphragm				Disc Code
	Joint	Socket	SR Threaded	Spigot	Flanged	Socket	SR Thread	Spigot	
Size	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each
1/2	91121A101-005 1809.48	93121A101-005 1814.55	94021A101-005 1806.27	95021A101-005 1886.16	91231A101-005 1823.77	93231A101-005 1828.86	94031A101-005 1820.16	95031A101-005 1903.12	520
3/4	91121A101-007 1826.85	93121A101-007 1834.17	94021A101-007 1822.12	95021A101-007 1911.57	91231A101-007 1843.03	93231A101-007 1850.34	94031A101-007 1837.19	95031A101-007 1917.38	520
1	91121A101-010 1866.71	93121A101-010 1876.87	94021A101-010 1862.14	95021A101-010 1946.37	91231A101-010 1884.52	93231A101-010 1894.63	94031A101-010 1877.77	95031A101-010 1977.06	520
1-1/4	91121A101-012 1956.06	93121A101-012 1972.35	94021A101-012 1947.41	95021A101-012 2039.32	91231A101-012 2006.91	93231A101-012 2022.88	94031A101-012 2000.90	95031A101-012 2077.03	520
1-1/2	91121A101-015 1969.81	93121A101-015 1997.63	94021A101-015 1962.74	95021A101-015 2043.56	91231A101-015 2014.29	93231A101-015 2014.29	94031A101-015 2006.10	95031A101-015 2085.06	520
2	91121A101-020 2741.63	93121A101-020 2797.27	94021A101-020 2731.02	95021A101-020 2832.77	91231A101-020 2804.89	93231A101-020 2862.13	94031A101-020 2790.90	95031A101-020 2862.98	520
2-1/2	---	---	---	95021A101-025 3286.74	---	---	---	95031A101-025 3373.23	520
3	---	---	---	95021A101-030 3490.56	---	---	---	95031A101-030 3580.47	520
4	---	---	---	95021A101-040 4115.86	---	---	---	95031A101-040 4217.20	520

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors.
O-rings used on Socket and SR Thread End Connectors only.

PVC - Elastomer Backed Diaphragms

Material	EPDM O-ring & EPDM Backed PTFE Diaphragm				Viton® O-ring & EPDM Backed PTFE Diaphragm				Disc Code
	Joint	Socket	SR Thread	Spigot	Flanged	Socket	SR Thread	Spigot	
Size	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each
1/2	91151A101-005 1885.79	93151A101-005 1890.90	94051A101-005 1878.76	95051A101-005 1961.31	91251A101-005 1908.27	93251A101-005 1913.37	---	---	520
3/4	91151A101-007 1899.72	93151A101-007 1907.05	94051A101-007 1892.02	95051A101-007 1984.05	91251A101-007 1926.45	93251A101-007 1933.77	---	---	520
1	91151A101-010 2002.52	93151A101-010 2012.66	94051A101-010 1995.04	95051A101-010 2073.02	91251A101-010 2014.06	93251A101-010 2024.19	---	---	520
1-1/4	91151A101-012 2120.78	93151A101-012 2137.01	94051A101-012 2110.70	95051A101-012 2207.24	91251A101-012 2146.80	93251A101-012 2163.06	---	---	520
1-1/2	91151A101-015 2150.11	93151A101-015 2177.91	94051A101-015 2138.55	95051A101-015 2226.16	91251A101-015 2173.26	93251A101-015 2201.07	---	---	520
2	91151A101-020 2939.27	93151A101-020 2968.43	94051A101-020 2923.09	95051A101-020 3017.55	91251A101-020 2966.37	93251A101-020 3026.91	---	---	520
2-1/2	---	---	---	95051A101-025 3649.32	---	---	---	---	520
3	---	---	---	95051A101-030 4008.31	---	---	---	---	520
4	---	---	---	95051A101-040 4732.24	---	---	---	---	520

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors.
O-rings used on Socket and SR Thread End Connectors only.

NOT FOR USE WITH COMPRESSED AIR OR GAS



Premium Actuated Diaphragm Valve - Electric

CPVC - EPDM and Viton® Diaphragms

Material	EPDM O-ring & EPDM Diaphragm				Viton® O-ring & Viton® Diaphragm				Disc Code
	Joint	Socket	SR Thread	Spigot	Flanged	Socket	SR Thread	Spigot	
Size	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each
1/2	91122A101-005 1908.51	93122A101-005 1913.61	94022A101-005 1902.76	95022A101-005 1956.06	91232A101-005 1972.53	93232A101-005 1977.62	94032A101-005 1963.36	95032A101-005 1849.94	522
3/4	91122A101-007 1934.18	93122A101-007 1941.50	94022A101-007 1927.18	95022A101-007 1988.53	91232A101-007 1991.84	93232A101-007 1999.16	94032A101-007 1982.23	95032A101-007 2020.70	522
1	91122A101-010 1979.19	93122A101-010 1989.32	94022A101-010 1972.97	95022A101-010 2065.71	91232A101-010 2064.97	93232A101-010 2075.11	94032A101-010 2054.40	95032A101-010 2110.49	522
1-1/4	91122A101-012 2125.88	93122A101-012 2142.15	94022A101-012 2114.85	95022A101-012 2170.86	91232A101-012 2254.15	93232A101-012 2270.37	94032A101-012 2239.85	95032A101-012 2241.31	522
1-1/2	91122A101-015 2153.72	93122A101-015 2153.72	94022A101-015 2124.34	95022A101-015 2177.28	91232A101-015 2275.59	93232A101-015 2297.40	94032A101-015 2260.17	95032A101-015 2314.87	522
2	91122A101-020 2891.54	93122A101-020 2950.55	94022A101-020 2771.61	95022A101-020 2545.79	91232A101-020 3016.18	93232A101-020 3077.73	94032A101-020 3000.36	95032A101-020 3028.90	522
2-1/2	---	---	---	95022A101-025 3700.93	---	---	---	95032A101-025 3819.96	522
3	---	---	---	95022A101-030 4219.86	---	---	---	95032A101-030 4390.71	522
4	---	---	---	95022A101-040 5107.78	---	---	---	95032A101-040 5341.93	522

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors.
O-rings used on Socket and SR Thread End Connectors only.

CPVC - Elastomer Backed Diaphragms

Material	EPDM O-ring & EPDM Backed PTFE Diaphragm				Viton® O-ring & EPDM Backed PTFE Diaphragm				Disc Code
	Joint	Socket	SR Thread	Spigot	Flanged	Socket	SR Thread	Spigot	
Size	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each	Part # Price Each
1/2	91152A101-005 2008.01	93152A101-005 2013.12	94052A101-005 1998.79	95052A101-005 2077.51	91252A101-005 2033.04	93252A101-005 2038.13	---	---	522
3/4	91152A101-007 2042.15	93152A101-007 2049.46	94052A101-007 2031.24	95052A101-007 2104.93	91252A101-007 2058.51	93252A101-007 2076.49	---	---	522
1	91152A101-010 2126.10	93152A101-010 2136.22	94052A101-010 2114.95	95052A101-010 2207.90	91252A101-010 2145.05	93252A101-010 2155.16	---	---	522
1-1/4	91152A101-012 2292.97	93152A101-012 2309.21	94052A101-012 2276.71	95052A101-012 2344.56	91252A101-012 2314.38	93252A101-012 2330.65	---	---	522
1-1/2	91152A101-015 2302.38	93152A101-015 2330.19	94052A101-015 2286.91	95052A101-015 2472.46	91252A101-015 2337.95	93252A101-015 2365.76	---	---	522
2	91152A101-020 3091.12	93152A101-020 3154.20	94052A101-020 3073.53	95052A101-020 3291.38	91252A101-020 3165.86	93252A101-020 3230.48	---	---	522
2-1/2	---	---	---	95052A101-025 4441.60	---	---	---	---	522
3	---	---	---	95052A101-030 4996.76	---	---	---	---	522
4	---	---	---	95052A101-040 6072.69	---	---	---	---	522

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors.
O-rings used on Socket and SR Thread End Connectors only.

NOT FOR USE WITH COMPRESSED AIR OR GAS

Premium Actuated Diaphragm Valve - Electric



Polypropylene - EPDM O-ring and EPDM Diaphragm

Size	SR Thread	Flanged	Disc Code
1/2	93123A101-005 1812.95	---	524
3/4	93123A101-007 1831.28	---	524
1	93123A101-010 1872.94	---	524
1-1/4	93123A101-012 1969.36	---	524
1-1/2	93123A101-015 1982.35	---	524
2	93123A101-020 2750.78	---	524
2-1/2	---	95023A101-025 3328.53	524
3	---	95023A101-030 3606.45	524
4	---	95023A101-040 4326.04	524

NOTE: O-rings used on SR Thread End Connectors only.

Polypropylene - EPDM O-ring and EPDM Backed PTFE Diaphragm

Size	SR Thread	Flanged	Disc Code
1/2	93153A101-005 1892.00	---	524
3/4	93153A101-007 1901.88	---	524
1	93153A101-010 2009.01	---	524
1-1/4	93153A101-012 2127.89	---	524
1-1/2	93153A101-015 2157.13	---	524
2	93153A101-020 2989.99	---	524
2-1/2	---	95053A101-025 3711.37	524
3	---	95053A101-030 4100.90	524
4	---	95053A101-040 4871.11	524

NOTE: O-rings used on SR Thread End Connectors only.

Polypropylene - Viton® O-ring and Viton® Diaphragm

Size	SR Thread	Flanged	Disc Code
1/2	93233A101-005 1827.82	---	524
3/4	93233A101-007 1847.77	---	524
1	93233A101-010 1891.87	---	524
1-1/4	93233A101-012 2001.45	---	524
1-1/2	93233A101-015 2014.89	---	524
2	93233A101-020 2789.84	---	524
2-1/2	---	95033A101-025 3396.46	524
3	---	95033A101-030 3703.38	524
4	---	95033A101-040 4460.31	524

NOTE: O-rings used on SR Thread End Connectors only.

Polypropylene - Viton® O-ring and EPDM Backed PTFE Diaphragm

Size	SR Thread	Flanged	Disc Code
1/2	93253A101-005 1903.09	---	524
3/4	93253A101-007 1915.37	---	524
1	93253A101-010 2025.76	---	524
1-1/4	93253A101-012 2149.26	---	524
1-1/2	93253A101-015 2179.98	---	524
2	93253A101-020 2974.79	---	524

NOTE: O-rings used on SR Thread End Connectors only.



Premium Actuated Diaphragm Valve - Pneumatic



Industrial grade Weir-type design, excellent for throttling and use with viscous fluids. Full-featured actuator can be custom configured with add-on accessories.

- Stainless Steel Hardware
- 235 psi @ 73°F (23°C) - sizes 1/2"-2" (flanged & PTFE diaphragm-150 psi), 2-1/2"-4"-150 psi
- 40-140 psi Variable Operating Pressure
- Linear Action Operation with Preset Stops
- Air-Air or Air-Spring Closed (optional spring open)

See Pneumatic Actuator Accessories for Diaphragm Valves for Add-on Actuator Accessories

PVC - EPDM O-ring and EPDM Diaphragm

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
1/2 Air to Air	91121H100-005 814.66	93121H100-005 819.76	94021H100-005 811.47	95021H100-005 891.34	550
1/2 Air to Spring	91121J100-005 844.62	93121J100-005 849.72	94021J100-005 841.43	95021J100-005 921.31	550
3/4 Air to Air	91121H100-007 1086.73	93121H100-007 1094.04	94021H100-007 1082.01	95021H100-007 1171.45	550
3/4 Air to Spring	91121J100-007 1131.70	93121J100-007 1138.99	94021J100-007 1126.96	95021J100-007 1216.39	550
1 Air to Air	91121H100-010 1177.55	93121H100-010 1187.67	94021H100-010 1172.98	95021H100-010 1257.21	550
1 Air to Spring	91121J100-010 1225.51	93121J100-010 1235.63	94021J100-010 1220.93	95021J100-010 1305.15	550
1-1/4 Air to Air	91121H100-012 1959.05	93121H100-012 1975.59	94021H100-012 1950.43	95021H100-012 2042.33	550
1-1/4 Air to Spring	91121J100-012 2036.96	93121J100-012 2053.51	94021J100-012 2028.33	95021J100-012 2120.22	550
1-1/2 Air to Air	91121H100-015 1972.81	93121H100-015 2000.61	94021H100-015 1965.73	95021H100-015 2046.56	550
1-1/2 Air to Spring	91121J100-015 2050.71	93121J100-015 2078.52	94021J100-015 2043.65	95021J100-015 2124.46	550
2 Air to Air	91121H100-020 2237.30	93121H100-020 2267.41	94021H100-020 2226.94	95021H100-020 2326.53	550
2 Air to Spring	91121J100-020 2324.19	93121J100-020 2354.31	94021J100-020 2313.83	95021J100-020 2413.43	550
2-1/2 Air to Air	---	---	---	95021H100-025 2713.48	550
2-1/2 Air to Spring	---	---	---	95021J100-025 3288.81	550
3 Air to Air	---	---	---	95021H100-030 3482.31	550
3 Air to Spring	---	---	---	95021J100-030 4387.21	550
4 Air to Air	---	---	---	95021H100-040 4644.17	550
4 Air to Spring	---	---	---	95021J100-040 5111.61	550

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors. For Air to Spring OPEN, change letter "J" to letter "K" in listed part number. O-rings used on Socket and SR Thread End Connectors only.

NOT FOR USE WITH COMPRESSED AIR OR GAS

Spears® Manufacturing Company

Progressive Products from Spears® Innovation and Technology

Premium Actuated Diaphragm Valve - Pneumatic



PVC - Viton® O-ring and Viton® Diaphragm

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
1/2 Air to Air	91231H100-005 828.96	93231H100-005 834.05	94031H100-005 825.37	95031H100-005 908.31	550
1/2 Air to Spring	91231J100-005 858.90	93231J100-005 864.03	94031J100-005 855.33	95031J100-005 938.28	550
3/4 Air to Air	91231H100-007 1102.96	93231H100-007 1110.24	94031H100-007 1097.09	95031H100-007 1177.26	550
3/4 Air to Spring	91231J100-007 1147.89	93231J100-007 1155.18	94031J100-007 1142.02	95031J100-007 1222.20	550
1 Air to Air	91231H100-010 1195.31	93231H100-010 1205.45	94031H100-010 1188.59	95031H100-010 1287.89	550
1 Air to Spring	91231J100-010 1243.23	93231J100-010 1253.40	94031J100-010 1236.53	95031J100-010 1335.83	550
1-1/4 Air to Air	91231H100-012 2009.91	93231H100-012 2026.14	94031H100-012 2003.70	95031H100-012 2080.02	550
1-1/4 Air to Spring	91231J100-012 2087.81	93231J100-012 2104.05	94031J100-012 2081.61	95031J100-012 2157.91	550
1-1/2 Air to Air	91231H100-015 2017.28	93231H100-015 2045.07	94031H100-015 2009.10	95031H100-015 2088.04	550
1-1/2 Air to Spring	91231J100-015 2095.18	93231J100-015 2122.99	94031J100-015 2087.00	95031J100-015 2165.96	550
2 Air to Air	91231H100-020 2299.23	93231H100-020 2329.38	94031H100-020 2285.59	95031H100-020 2356.11	550
2 Air to Spring	91231J100-020 2386.14	93231J100-020 2416.28	94031J100-020 2372.47	95031J100-020 2442.99	550
2 1/2 Air to Air	---	---	---	95031H100-025 2798.15	550
2 1/2 Air to Spring	---	---	---	95031J100-025 3373.46	550
3 Air to Air	---	---	---	95031H100-030 3570.31	550
3 Air to Spring	---	---	---	95031J100-030 4475.22	550
4 Air to Air	---	---	---	95031H100-040 4743.43	550
4 Air to Spring	---	---	---	95031J100-040 5210.82	550

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors. For Air to Spring OPEN, change letter "J" to letter "K" in listed part number. O-rings used on Socket and SR Thread End Connectors only.

PVC - EPDM O-ring and EPDM Backed PTFE Diaphragm

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
1/2 Air to Air	91151H100-005 890.99	93151H100-005 896.09	94051H100-005 883.95	95051H100-005 966.50	550
1/2 Air to Spring	91151J100-005 920.96	93151J100-005 926.03	94051J100-005 913.89	95051J100-005 996.46	550
3/4 Air to Air	91151H100-007 1159.61	93151H100-007 1166.93	94051H100-007 1151.90	95051H100-007 1243.93	550
3/4 Air to Spring	91151J100-007 1249.50	93151J100-007 1211.87	94051J100-007 1196.85	95051J100-007 1288.88	550
1 Air to Air	91151H100-010 1313.35	93151H100-010 1323.47	94051H100-010 1305.87	95051H100-010 1383.82	550
1 Air to Spring	91151J100-010 1361.30	93151J100-010 1371.43	94051J100-010 1353.80	95051J100-010 1431.77	550
1-1/4 Air to Air	91151H100-012 2123.78	93151H100-012 2140.01	94051H100-012 2113.69	95051H100-012 1555.14	550



Premium Actuated Diaphragm Valve - Pneumatic

PVC - EPDM O-ring and EPDM Backed PTFE Diaphragm (continued)

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
1-1/4 Air to Spring	91151J100-012 2201.67	93151J100-012 2217.93	94051J100-012 2191.61	95051J100-012 1555.14	550
1-1/2 Air to Air	91151H100-015 2153.10	93151H100-015 2180.91	94051H100-015 2141.56	95051H100-015 2229.15	550
1-1/2 Air to Spring	91151J100-015 2231.00	93151J100-015 2258.81	94051J100-015 2219.47	95051J100-015 2307.05	550
2 Air to Air	91151H100-020 2430.81	93151H100-020 2460.96	94051H100-020 2414.96	95051H100-020 2507.39	550
2 Air to Spring	91151J100-020 2517.70	93151J100-020 2547.85	94051J100-020 2501.84	95051J100-020 2594.30	550
2-1/2 Air to Air	---	---	---	95051H100-025 3056.55	550
2-1/2 Air to Spring	---	---	---	95051J100-025 3631.86	550
3 Air to Air	---	---	---	95051H100-030 3916.98	550
3 Air to Spring	---	---	---	95051J100-030 4821.88	550
4 Air to Air	---	---	---	95051H100-040 5246.96	550
4 Air to Spring	---	---	---	95051J100-040 5714.41	550

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors. For Air to Spring OPEN, change letter "J" to letter "K" in listed part number. O-rings used on Socket and SR Thread End Connectors only.

PVC - Viton® O-ring and EPDM Backed PTFE Diaphragm

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
1/2 Air to Air	91251H100-005 913.45	93251H100-005 918.55	---	---	550
1/2 Air to Spring	91251J100-005 943.43	93251J100-005 948.51	---	---	550
3/4 Air to Air	91251H100-007 1186.33	93251H100-007 1193.65	---	---	550
3/4 Air to Spring	91251J100-007 1231.29	93251J100-007 1238.61	---	---	550
1 Air to Air	91251H100-010 1324.89	93251H100-010 1335.01	---	---	550
1 Air to Spring	91251J100-010 1372.84	93251J100-010 1382.97	---	---	550
1-1/4 Air to Air	91251H100-012 2149.81	93251H100-012 2166.05	---	---	550
1-1/4 Air to Spring	91251J100-012 2227.71	93251J100-012 2243.94	---	---	550
1-1/2 Air to Air	91251H100-015 2176.26	93251H100-015 2204.07	---	---	550
1-1/2 Air to Spring	91251J100-015 2254.18	93251J100-015 2281.98	---	---	550
2 Air to Air	91251H100-020 2457.32	93251H100-020 2487.47	---	---	550
2 Air to Spring	91251J100-020 2544.22	93251J100-020 2574.35	---	---	550

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors. For Air to Spring OPEN, change letter "J" to letter "K" in listed part number. O-rings used on Socket and SR Thread End Connectors only.

NOT FOR USE WITH COMPRESSED AIR OR GAS

Premium Actuated Diaphragm Valve - Pneumatic



CPVC - EPDM O-ring and EPDM Diaphragm

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
1/2 Air to Air	91122H100-005 913.68	93122H100-005 918.79	94022H100-005 907.95	95022H100-005 961.24	552
1/2 Air to Spring	91122J100-005 943.66	93122J100-005 948.74	94022J100-005 937.90	95022J100-005 991.20	552
3/4 Air to Air	91122H100-007 1194.07	93122H100-007 1201.38	94022H100-007 1187.06	95022H100-007 1248.43	552
3/4 Air to Spring	91122J100-007 1239.02	93122J100-007 1246.33	94022J100-007 1232.02	95022J100-007 1293.38	552
1 Air to Air	91122H100-010 1290.02	93122H100-010 1300.15	94022H100-010 1283.80	95022H100-010 1376.53	552
1 Air to Spring	91122J100-010 1337.96	93122J100-010 1348.09	94022J100-010 1331.71	95022J100-010 1424.47	552
1-1/4 Air to Air	91122H100-012 2128.89	93122H100-012 2145.12	94022H100-012 2117.84	95022H100-012 2173.84	552
1-1/4 Air to Spring	91122J100-012 2206.80	93122J100-012 2223.03	94022J100-012 2195.74	95022J100-012 2251.77	552
1-1/2 Air to Air	91122H100-015 2141.90	93122H100-015 2169.69	94022H100-015 2127.34	95022H100-015 2180.29	552
1-1/2 Air to Spring	91122J100-015 2219.80	93122J100-015 2247.62	94022J100-015 2205.22	95022J100-015 2258.18	552
2 Air to Air	91122H100-020 2384.11	93122H100-020 2414.24	94022H100-020 2371.97	95022H100-020 2451.85	552
2 Air to Spring	91122J100-020 2470.99	93122J100-020 2501.14	94022J100-020 2458.85	95022J100-020 2538.73	552
2-1/2 Air to Air	---	---	---	95022H100-025 3118.93	552
2-1/2 Air to Spring	---	---	---	95022J100-025 3694.26	552
3 Air to Air	---	---	---	95022H100-030 4196.27	552
3 Air to Spring	---	---	---	95022J100-030 5101.18	552
4 Air to Air	---	---	---	95022H100-040 5615.21	552
4 Air to Spring	---	---	---	95022J100-040 6082.66	552

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors. For Air to Spring OPEN, change letter "J" to letter "K" in listed part number. O-rings used on Socket and SR Thread End Connectors only.

CPVC - Viton® O-ring and Viton® Diaphragm

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
1/2 Air to Air	91232H100-005 977.72	93232H100-005 982.83	94032H100-005 968.56	95032H100-005 989.94	552
1/2 Air to Spring	91232J100-005 1007.69	93232J100-005 1012.79	94032J100-005 998.53	95032J100-005 1019.91	552
3/4 Air to Air	91232H100-007 1251.72	93232H100-007 1259.03	94032H100-007 1242.10	95032H100-007 1280.57	552
3/4 Air to Spring	91232J100-007 1296.66	93232J100-007 1303.98	94032J100-007 1287.05	95032J100-007 1325.52	552
1 Air to Air	91232H100-010 1375.81	93232H100-010 1385.94	94032H100-010 1365.22	95032H100-010 1421.32	552
1 Air to Spring	91232J100-010 1423.74	93232J100-010 1433.87	94032J100-010 1413.17	95032J100-010 1469.26	552
1-1/4 Air to Air	91232H100-012 2257.14	93232H100-012 2273.36	94032H100-012 2242.85	95032H100-012 2244.32	552



Premium Actuated Diaphragm Valve - Pneumatic

CPVC - Viton® O-ring and Viton® Diaphragm (continued)

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
1-1/4 Air to Spring	91232J100-012 2335.04	93232J100-012 2351.29	94032J100-012 2320.74	95032J100-012 2322.22	552
1-1/2 Air to Air	91232H100-015 2278.59	93232H100-015 2306.39	94032H100-015 2263.16	95032H100-015 2257.95	552
1-1/2 Air to Spring	91232J100-015 2356.50	93232J100-015 2384.30	94032J100-015 2341.07	95032J100-015 2335.85	552
2 Air to Air	91232H100-020 2506.13	93232H100-020 2536.24	94032H100-020 2490.62	95032H100-020 2518.55	552
2 Air to Spring	91232J100-020 2593.01	93232J100-020 2623.16	94032J100-020 2577.51	95032J100-020 2605.46	552
2-1/2 Air to Air	---	---	---	95032H100-025 3235.45	552
2-1/2 Air to Spring	---	---	---	95032J100-025 3810.76	552
3 Air to Air	---	---	---	95032H100-030 4363.50	552
3 Air to Spring	---	---	---	95032J100-030 5268.41	552
4 Air to Air	---	---	---	95032H100-040 5844.46	552
4 Air to Spring	---	---	---	95032J100-040 6311.87	552

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors. For Air to Spring OPEN, change letter "J" to letter " K" in listed part number. O-rings used on Socket and SR Thread End Connectors only.

CPVC - EPDM O-ring and EPDM Backed PTFE Diaphragm

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
1/2 Air to Air	91152H100-005 1013.20	93152H100-005 1018.31	94052H100-005 1003.97	95052H100-005 1082.69	552
1/2 Air to Spring	91152J100-005 1452.17	93152J100-005 1048.26	94052J100-005 1033.94	95052J100-005 1112.65	552
3/4 Air to Air	91152H100-007 1302.02	93152H100-007 1309.34	94052H100-007 1291.13	95052H100-007 1364.80	552
3/4 Air to Spring	91152J100-007 1472.72	93152J100-007 1354.30	94052J100-007 1336.05	95052J100-007 1409.73	552
1 Air to Air	91152H100-010 1436.94	93152H100-010 1447.05	94052H100-010 1425.78	95052H100-010 1518.74	552
1 Air to Spring	91152J100-010 1484.87	93152J100-010 1495.00	94052J100-010 1473.73	95052J100-010 1566.67	552
1-1/4 Air to Air	91152H100-012 2295.97	93152H100-012 2325.22	94052H100-012 2279.69	95052H100-012 2347.56	552
1-1/4 Air to Spring	91152J100-012 2373.88	93152J100-012 2403.13	94052J100-012 2357.61	95052J100-012 2425.47	552
1-1/2 Air to Air	91152H100-015 2305.37	93152H100-015 2333.18	94052H100-015 2289.91	95052H100-015 2475.47	552
1-1/2 Air to Spring	91152J100-015 2383.29	93152J100-015 2411.10	94052J100-015 2367.83	95052J100-015 2553.37	552
2 Air to Air	91152H100-020 2579.46	93152H100-020 2609.59	94052H100-020 2562.23	95052H100-020 2775.49	552
2 Air to Spring	91152J100-020 2666.36	93152J100-020 2696.50	94052J100-020 2649.13	95052J100-020 2862.37	552
2-1/2 Air to Air	---	---	---	95052H100-025 3844.01	552
2-1/2 Air to Spring	---	---	---	95052J100-025 4419.31	552

NOT FOR USE WITH COMPRESSED AIR OR GAS

Premium Actuated Diaphragm Valve - Pneumatic



CPVC - EPDM O-ring and EPDM Backed PTFE Diaphragm (continued)

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
3 Air to Air	---	---	---	95052H100-030 4956.81	552
3 Air to Spring	---	---	---	95052J100-030 5861.72	552
4 Air to Air	---	---	---	95052H100-040 6559.80	552
4 Air to Spring	---	---	---	95052J100-040 7027.26	552

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors. For Air to Spring OPEN, change letter "J" to letter "K" in listed part number. O-rings used on Socket and SR Thread End Connectors only.

CPVC - Viton® O-ring and EPDM Backed PTFE Diaphragm

Size	Socket	SR Thread	Spigot	Flanged	Disc Code
1/2 Air to Air	91252H100-005 1038.23	93252H100-005 1043.32	---	---	552
1/2 Air to Spring	91252J100-005 1068.20	93252J100-005 1073.29	---	---	552
3/4 Air to Air	91252H100-007 1318.39	93252H100-007 1325.70	---	---	552
3/4 Air to Spring	91252J100-007 1363.33	93252J100-007 1370.64	---	---	552
1 Air to Air	91252H100-010 1455.86	93252H100-010 1472.12	---	---	552
1 Air to Spring	91252J100-010 1503.80	93252J100-010 1520.05	---	---	552
1-1/4 Air to Air	91252H100-012 2317.38	93252H100-012 2333.64	---	---	552
1-1/4 Air to Spring	91252J100-012 2395.31	93252J100-012 2411.53	---	---	552
1-1/2 Air to Air	91252H100-015 2340.96	93252H100-015 2368.76	---	---	552
1-1/2 Air to Spring	91252J100-015 2418.85	93252J100-015 2446.66	---	---	552
2 Air to Air	91252H100-020 2652.64	93252H100-020 2684.28	---	---	552
2 Air to Spring	91252J100-020 2739.52	93252J100-020 2771.17	---	---	552

NOTE: "Socket" valves up to 2" size include standard plastic thread end connectors. For Air to Spring OPEN, change letter "J" to letter "K" in listed part number. O-rings used on Socket and SR Thread End Connectors only.

Polypropylene - EPDM O-ring and EPDM Diaphragm

Size	SR Thread	Flanged	Disc Code
1/2 Air to Air	93123H100-005 818.13	---	554
1/2 Air to Spring	93123J100-005 848.11	---	554
3/4 Air to Air	93123H100-007 1091.18	---	554



Premium Actuated Diaphragm Valve - Pneumatic

Polypropylene - EPDM O-ring and EPDM Diaphragm (continued)

Size	SR Thread	Flanged	Disc Code
3/4 Air to Spring	93123J100-007 836.48	---	554
1 Air to Air	93123H100-010 1183.77	---	554
1 Air to Spring	93123J100-010 1231.71	---	554
1-1/4 Air to Air	93123H100-012 1972.35	---	554
1-1/4 Air to Spring	93123J100-012 2050.26	---	554
1-1/2 Air to Air	93123H100-015 1985.35	---	554
1-1/2 Air to Spring	93123J100-015 2063.28	---	554
2 Air to Air	93123H100-020 2246.27	---	554
2 Air to Spring	93123J100-020 2333.16	---	554
2-1/2 Air to Air	---	95023H100-025 2754.37	554
2-1/2 Air to Spring	---	95023J100-025 3329.66	554
3 Air to Air	---	95023H100-030 3595.76	554
3 Air to Spring	---	95023J100-030 4500.68	554
4 Air to Air	---	95023H100-040 4849.94	554
4 Air to Spring	---	95023J100-040 5317.37	554

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number. O-rings used on SR Thread End Connectors only.

Polypropylene - Viton® O-ring and EPDM Diaphragm (continued)

Size	SR Thread	Flanged	Disc Code
3/4 Air to Spring	93233J100-007 1152.61	---	554
1 Air to Air	93233H100-010 1202.69	---	554
1 Air to Spring	93233J100-010 1250.65	---	554
1-1/4 Air to Air	93233H100-012 2004.45	---	554
1-1/4 Air to Spring	93233J100-012 2082.30	---	554
1-1/2 Air to Air	93233H100-015 2017.87	---	554
1-1/2 Air to Spring	93233J100-015 2095.78	---	554
2 Air to Air	93233H100-020 2284.53	---	554
2 Air to Spring	93233J100-020 2371.43	---	554
2-1/2 Air to Air	---	95033H100-025 2820.88	554
2-1/2 Air to Spring	---	95033J100-025 3396.20	554
3 Air to Air	---	95033H100-030 3690.66	554
3 Air to Spring	---	95033J100-030 4595.56	554
4 Air to Air	---	95033H100-040 4981.39	554
4 Air to Spring	---	95033J100-040 5448.83	554

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number. O-rings used on SR Thread End Connectors only.

Polypropylene - Viton® O-ring and EPDM Diaphragm

Size	SR Thread	Flanged	Disc Code
1/2 Air to Air	93233H100-005 833.00	---	554
1/2 Air to Spring	93233J100-005 862.96	---	554
3/4 Air to Air	93233H100-007 1107.65	---	554

Polypropylene - EPDM O-ring and EPDM Backed PTFE Diaphragm

Size	SR Thread	Flanged	Disc Code
1/2 Air to Air	93153H100-005 897.17	---	554
1/2 Air to Spring	93153J100-005 927.15	---	554
3/4 Air to Air	93153H100-007 1161.76	---	554
3/4 Air to Spring	93153J100-007 1206.70	---	554
1 Air to Air	93153H100-010 1319.84	---	554
1 Air to Spring	93153J100-010 1367.79	---	554
1-1/4 Air to Air	93153H100-012 2130.89	---	554
1-1/4 Air to Spring	93153J100-012 2208.82	---	554
1-1/2 Air to Air	93153H100-015 2160.14	---	554

NOT FOR USE WITH COMPRESSED AIR OR GAS

Premium Actuated Diaphragm Valve - Pneumatic



Polypropylene - EPDM O-ring and EPDM Backed PTFE Diaphragm (continued)

Size	SR Thread	Flanged	Disc Code
1-1/2 Air to Spring	93153J100-015 2238.05	---	554
2 Air to Air	93153H100-020 2439.18	---	554
2 Air to Spring	93153J100-020 2526.06	---	554
2-1/2 Air to Air	---	95053H100-025 3117.26	554
2-1/2 Air to Spring	---	95053J100-025 3692.55	554
3 Air to Air	---	95053H100-030 4067.93	554
3 Air to Spring	---	95053J100-030 4972.84	554
4 Air to Air	---	95053H100-040 5383.53	554
4 Air to Spring	---	95053J100-040 5850.97	554

Polypropylene - Viton® O-ring and EPDM Backed PTFE Diaphragm

Size	SR Thread	Flanged	Disc Code
1/2 Air to Air	93253H100-005 908.27	---	554
1/2 Air to Spring	93253J100-005 938.24	---	554
3/4 Air to Air	93253H100-007 1175.23	---	554
3/4 Air to Spring	93253J100-007 1220.20	---	554
1 Air to Air	93253H100-010 1336.59	---	554
1 Air to Spring	93253J100-010 1384.53	---	554
1-1/4 Air to Air	93253H100-012 2152.24	---	554
1-1/4 Air to Spring	93253J100-012 2230.13	---	554
1-1/2 Air to Air	93253H100-015 2182.98	---	554
1-1/2 Air to Spring	93253J100-015 2260.88	---	554
2 Air to Air	93253H100-020 2465.57	---	554
2 Air to Spring	93253J100-020 2552.47	---	554

NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number. O-rings used on SR Thread End Connectors only.



Electric Actuator Accessories

Contact Spears® for any desired accessories or functions not specified in the Accessory Selection Tables

The following accessories are for use on Spears® electric actuated Ball Valves, Butterfly Valves and Diaphragm Valves. Accessories are individually ordered separately and factory assembled with the selected Premium Actuated Valve Package. See important ordering instructions, *Ordering Premium Valve Packages with Accessory Add-ons*.

Accessory	Description	Accessory Part Number	Price Each Disc Code: 298
Heater	Heater/Thermostat - On 41°F, Off 60.8°F	A-H1	195.33
	Heater/Thermostat - On 62.6°F, Off 80.6°F	A-H2	175.78
Auxiliary Limit Switches	2-SPDT Limit Switch Set (1/2" shaft cam) ¹	A-LS1	175.22
	2-SPDT Limit Switch Set (3/8" shaft cam) ¹	A-LS2	175.22
	2-SPDT Limit Switch Set for Electric Spring Return	A-LS3	157.20
Position Indicators	LED Indicator Lights	A-P2	223.84
Modulating Positioner Boards	115 VAC 4-20 mA	A-PB1	1790.66
	115 VAC 0-5 VDC	A-PB2	1790.66
	115 VAC 0-10 VDC	A-PB3	1790.66
	230 VAC 4-20 mA	A-PB4	1790.66
	230 VAC 0-5 VDC	A-PB5	1790.66
	230 VAC 0-10 VDC	A-PB6	1790.66
	24 VAC 4-20 mA	A-PB7	1790.66
	24 VAC 0-5 VDC	A-PB8	1790.66
	24 VAC 0-10 VDC	A-PB9	1790.66
	24 VDC 4-20 mA	A-PB10	1790.66
	24 VDC 0-5 VDC	A-PB11	1790.66
	24 VDC 0-10 VDC	A-PB12	1790.66
	115 VAC 4-20 mA For Electric Spring Return Actuator	A-PB13	1871.64
Transmitter	4-20mA	A-T1	1313.85
Torque Sensors	Adjustable Electronic Torque Sensor	A-TS1	948.86
Speed Controller	Variable Speed Controller	A-SC1	623.10
"2-Wire" Control (operates as solenoid valve)	Control Relay Switch Setup 115 VAC– Normally Closed ²	A-CR1	221.40
	Control Relay Switch Setup 115 VAC– Normally Open ²	A-CR2	221.40
	Control Relay Switch Setup 24 VAC– Normally Closed ²	A-CR3	221.40
	Control Relay Switch Setup 24 VAC– Normally Open ²	A-CR4	221.40
	Control Relay Switch Setup 230 VAC– Normally Closed ²	A-CR5	221.40
	Control Relay Switch Setup 230 VAC– Normally Open ²	A-CR6	221.40
	Control Relay Switch Setup 12 VDC– Normally Closed ²	A-CR7	221.40
	Control Relay Switch Setup 12 VDC– Normally Open ²	A-CR8	221.40
	Control Relay Switch Setup 24 VDC– Normally Closed ²	A-CR9	221.40
	Control Relay Switch Setup 24 VDC– Normally Open ²	A-CR10	221.40
Friction Brake	Mechanical Brake ³	A-FB1	367.85
Lockout Switch	Power disconnect switch activated when manual override is in use	A-LK1	255.32
ID Tag	Type 316 Stainless Steel ID Tag 1/2" x 3" (3-lines, 12-characters & spaces)	TAG3-015	30.03
Stem Extensions	Ball Valve Stem Extension ⁴	A-BVSE-xxx-000	Call for pricing
	True Union 2000 Ball Valve Stem Extension ⁴	A-BVSE2-xxx-000	
	Butterfly Valve Stem Extension ⁴	A-BFSE-xxx-000	
	Diaphragm Valve Stem Extension ⁴	A-DESE-xxx-000	

- NOTES: 1 - The A-LS2 is used on 1/2" - 2" basic Ball Valve packages; A-LS1 used on all other sizes.
 2 - "2-Wire" Control is not applicable to Diaphragm Valves.
 3 - Friction Brake is standard on Butterfly Valves and not applicable to Diaphragm Valves.
 4 - Stem Extension Part Numbers: Enter size code for "xxx" in part number. Replace "000" with desired length code in part number; length is from top of valve to bottom of actuator.

NOT FOR USE WITH COMPRESSED AIR OR GAS

Pneumatic Actuator Accessories for Ball Valves & Butterfly Valves



The following accessories are for use on Spears® pneumatic actuated Ball Valves and Butterfly Valves. See separate listing for pneumatic Diaphragm Valve accessories. Accessories are individually ordered separately and factory assembled with the selected Premium Actuated Valve Package. See important ordering instructions, *Ordering Premium Valve Packages with Accessory Add-ons*.

Accessory	Description	Accessory Part Number	Price Each Disc Code: 298
Pneumatic Positioners	3-15 psi NEMA 4 Flat-Top Indicator ¹	A-PP1	1411.13
	3-15 psi NEMA 4 Dome Indicator ¹	A-PP2	1518.20
	3-15 psi NEMA 4 Dome Indicator Integrated 2-SPDT Mech. Switches ¹	A-PP3	2087.82
Electro Pneumatic Positioners with Indicator	4-20mA NEMA 4 Flat-Top Indicator ¹	A-EP1	2997.45
	4-20mA NEMA 4 Dome Indicator ¹	A-EP2	3104.37
	4-20 mA NEMA 4 Dome Indicator Integrated 2-SPDT Mech. Switches ¹	A-EP3	3678.44
	4-20mA NEMA 7 Flat-Top Indicator ¹	A-EP4	3372.12
	4-20mA Intrinsically Safe (CSA/UL) Flat-Top Indicator ¹	A-EP5	2977.98
	4-20mA NEMA 7 Dome Indicator ¹	A-EP6	3479.16
	4-20mA Intrinsically Safe w/2-SPST Proximity Switches ¹	A-EP22	3531.70
Solenoid Valves	3 & 4-way 115 VAC NEMA 4/4x	A-SV1	194.68
	3 & 4-way 230 VAC NEMA 4/4x	A-SV2	204.39
	3 & 4-way 24 VAC NEMA 4/4x	A-SV3	204.39
	3 & 4-way 12 VDC NEMA 4/4x	A-SV4	204.39
	3 & 4-way 24 VDC NEMA 4/4x	A-SV5	204.39
	3 & 4-way 115 VAC NEMA 4/4x/7/9	A-SV6	413.69
	3 & 4-way 230 VAC NEMA 4/4x/7/9	A-SV7	413.69
	3 & 4-way 24 VAC NEMA 4/4x/7/9	A-SV8	413.69
	3 & 4-way 12 VDC NEMA 4/4x/7/9	A-SV9	413.69
	3 & 4-way 24 VDC NEMA 4/4x/7/9	A-SV10	413.69
	Dual Coil 3 & 4-way 115 VAC NEMA 4/4x	A-SV11	340.63
	Dual Coil 3 & 4-way 230 VAC NEMA 4/4x	A-SV12	340.63
	Dual Coil 3 & 4-way 24 VAC NEMA 4/4x	A-SV13	340.63
	Dual Coil 3 & 4-way 12 VDC NEMA 4/4x	A-SV14	340.63
	Dual Coil 3 & 4-way 24 VDC NEMA 4/4x	A-SV15	340.63
	Dual Coil 3 & 4-way 115 VAC NEMA 7/9	A-SV16	710.53
	Dual Coil 3 & 4-way 230 VAC NEMA 7/9	A-SV17	710.53
	Dual Coil 3 & 4-way 24 VAC NEMA 7/9	A-SV18	710.53
	Dual Coil 3 & 4-way 12 VDC NEMA 7/9	A-SV19	710.53
	Dual Coil 3 & 4-way 24 VDC NEMA 7/9	A-SV20	710.53
	Stainless Steel 3 & 4-way 115 VAC NEMA 4/4x	A-SV21	846.71
	3-Way 24 VDC Hi Temperature (Class H) NEMA 4x	A-SV22	2426.87
3 & 4-way 230 VAC NEMA 4/4x 1/2" NPT Din Connector	A-SV23	1087.72	
Limit Switch & Transmitter Combination	4-20mA 2-SPDT NEMA 4/4x/7/9	A-LS20	1154.61
	4-20mA 2-SPDT NEMA 4/4x/7/9 w/ Visual Indicator	A-LS21	1216.93
	4-20mA 2-DPDT NEMA 4/4x/7/9	A-LS22	1373.01
	4-20mA 2-DPDT NEMA 4/4x/7/9 w/ Visual Indicator	A-LS23	1435.48
	4-20mA 2-Proximity NEMA 4/4x/7/9	A-LS24	1482.28
	4-20mA 2-Proximity NEMA 4/4x/7/9 w/ Visual Indicator	A-LS25	1531.62
Limit Switches	2-SPDT NEMA 4/4x	A-LS40	321.03
	2-SPDT NEMA 4/4x w/ Visual Indicator	A-LS41	374.48
	2-SPDT NEMA 4/4x w/ Green/Red Dome Indicator	A-LS41D	462.74
	NEMA 4/4x w/ Low Profile Indicator	A-LS41L	472.00
	2-DPDT NEMA 4/4x	A-LS42	530.56
	2-DPDT NEMA 4/4x w/ Visual Indicator	A-LS43	593.04
	2-Proximity NEMA 4/4x	A-LS44	639.70
	2-Proximity NEMA 7/9 w/ Low Profile Indicator	A-LS44L	778.54
	2-Proximity NEMA 4/4x w/ Visual Indicator	A-LS45	702.16



Pneumatic Actuator Accessories for Ball Valves & Butterfly Valves

Accessory	Description	Accessory Part Number	Price Each Disc Code: 298
Limit Switches	2-Proximity NEMA 7/9	A-LS46	733.32
	2-Proximity NEMA 7/9 w/ Visual Indicator	A-LS47	795.94
	2-Proximity NEMA 7/9 w/ Low Profile Indicator	A-LS47L	738.15
	2-SPDT NEMA 4/4x7/9	A-LS48	527.97
	2-SPDT NEMA 4/4x7/9 w/ Visual Indicator	A-LS49	468.10
	2-DPDT NEMA 4/4x7/9	A-LS50	945.12
	2-DPDT NEMA 4/4x7/9 w/ Visual Indicator	A-LS51	1006.88
	4-SPDT NEMA 4/4x w/ 180° Indicator	A-LS52	319.02
Transmitter	4-20mA Output Transmitter	A-PT1	4597.35
Indicator	Dome Indicator	A-V2	87.61
Pressure Gauge Set	Stainless steel case, 3-gauge set for use with positioners: 1 - input pressure gauge 0-30 psi, 2 - output gauges 0-160 psi	A-G1	666.26
	Plastic case, 3-gauge set for use with positioners: 1 - input pressure gauge 0-30 psi, 2 - output gauges 0-160 psi	A-G2	251.70
Air Mufflers	Standard Sintered Bronz, 40 Micron, 1/8" NPT	A-M18	14.89
	Standard Sintered Bronz, 40 Micron, 1/4" NPT	A-M14	12.23
	Speed Control Muffler (Adjustable Air Flow) 1/8" NPT	A-M2V18	27.29
	Speed Control Muffler (Adjustable Air Flow) 1/4" NPT	A-M2V14	23.12
ID Tag	Type 316 Stainless Steel ID Tag 1/2" x 3" (3-lines, 12-characters & spaces)	TAG3-015	30.03
Stem Extensions	Ball Valve Stem Extension ²	A-BVSE-xxx-000	Call for pricing
	True Union 2000 Ball Valve Stem Extension ²	A-BVSE2-xxx-000	
	Butterfly Valve Stem Extension ²	A-BFSE-xxx-000	

- NOTES: 1 - Pneumatic and Electro-Pneumatic positioners include brass gauges: 1 input gauge @ 0-30 psi and 2 output gauges @ 0-160 psi. Stainless steel gauges may be ordered separately.
 2 - Stem Extension Part Numbers: Enter size code for "xxx" in part number. Replace "000" with desired length code in part number; length is from top of valve to bottom of actuator.

NOT FOR USE WITH COMPRESSED AIR OR GAS

Pneumatic Actuator Accessories for Diaphragm Valves



The following accessories are for use on Spears® pneumatic actuated Diaphragm Valves only. See separate listing for Ball Valve and Butterfly Valve pneumatic accessories. Accessories are individually ordered separately and factory assembled with the selected Premium Actuated Valve Package. See important ordering instructions, *Ordering Premium Valve Packages with Accessory Add-ons*.

Accessory	Description	Accessory Part Number	Price Each Disc Code: 298
Pneumatic Positioners	3-15 psi NEMA 4x w/ Visual Indicator Top Loading (no gauge)	A-DPP1	4350.17
	3-15 psi NEMA 4x w/ Visual Indicator Top Loading w/ gauges (3)	A-DPP2	4924.35
	3-15 psi NEMA 4x w/ Visual Indicator Bottom Loading (no gauge)	A-DPP3	4350.18
	3-15 psi NEMA 4x w/ Visual Indicator Bottom Loading w/ gauges (3)	A-DPP4	4924.35
Electro Pneumatic Positioners	4-20mA (3-15 psi) NEMA 4x w/Visual Indicator (up to 2")	A-DEP1	8325.69
	4-20mA (3-15 psi) NEMA 4x w/Visual Indicator w/SS Gauges (up to 2")	A-DEP2	8899.87
	4-20mA (3-15 psi) NEMA 4x w/Visual Indicator (2-1/2" & up)	A-DEP3	8325.69
	4-20mA (3-15 psi) NEMA 4x w/Visual Indicator w/SS Gauges (2-1/2" & up)	A-DEP4	8899.87
3-Way Solenoid Valves	115 VAC NEMA 4/4x	A-DSV1	358.19
	230 VAC NEMA 4/4x	A-DSV2	358.19
	24 VAC NEMA 4/4x	A-DSV3	358.19
	12 VDC NEMA 4/4x	A-DSV4	358.19
	24 VDC NEMA 4/4x	A-DSV5	358.19
	115 VAC NEMA 4/4x/7/9	A-DSV6	552.86
	230 VAC NEMA 4/4x/7/9	A-DSV7	552.86
	24 VAC NEMA 4/4x/7/9	A-DSV8	552.86
	12 VDC NEMA 4/4x/7/9	A-DSV9	552.86
	24 VDC NEMA 4/4x/7/9	A-DSV10	552.86
4-Way Solenoid Valves	115 VAC NEMA 4/4x	A-DSV11	669.57
	230 VAC NEMA 4/4x	A-DSV12	669.57
	24 VAC NEMA 4/4x	A-DSV13	669.57
	12 VDC NEMA 4/4x	A-DSV14	669.57
	24 VDC NEMA 4/4x	A-DSV15	669.57
	115 VAC NEMA 4/4x/7/9	A-DSV16	938.43
	230 VAC NEMA 4/4x/7/9	A-DSV17	938.43
	24 VAC NEMA 4/4x/7/9	A-DSV18	938.43
	12 VDC NEMA 4/4x/7/9	A-DSV19	938.43
	24 VDC NEMA 4/4x/7/9	A-DSV20	938.43
Micro Limit Switches	2-SPDT NEMA 4 w/ 180° Visual Indicator ¹	A-DLS20	1083.29
	2-SPDT NEMA 7/9 w/ 180° Visual Indicator ¹	A-DLS25	1931.66
Proximity Limit Switches	2-SPDT NEMA 4/4X	A-DLS23	1748.64
Limit Switches	2 SPDT NEMA 4 ²	A-DLS24	1260.78
Speed Controller	Variable Speed Controller	A-DPSC1	1085.18
ID Tag	Type 316 Stainless Steel ID Tag 1/2" x 3" (3-lines, 12-characters & spaces)	TAG3-015	30.03
Stem Extensions	Diaphragm Valve Stem Extension ³	A-DPSE-xxx-000	Call for pricing

NOTES: 1 - Micro Limit Switches used on valve sizes 1/2" through 2".

2 - Limit Switches used on valve sizes 2-1/2" & larger

3 - Stem Extension Part Numbers: Enter size code for "xxx" in part number. Replace "000" with desired length code in part number; length is from top of valve to bottom of actuator.



ADDITIONAL PRODUCT:
Premium Actuated Compact Ball Valves - Electric & Pneumatic

Contact Spears® for pricing and availability.

NOT FOR USE WITH COMPRESSED AIR OR GAS

Made in the U.S.A.

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Progressive Products from Spears® Innovation and Technology



Valve Actuation Questionnaire Checklist Ball Valves

Contact Name _____ Date _____

Business Name _____

City _____ State _____

Country _____

Phone _____ Fax _____ E-mail _____

Project Name _____ Project Number _____

Ball Valves

System Media Pressure (Required)

	psi		kPa		Bar
	in		mm		cm

Nominal Size

--	--	--	--	--	--

Quantity Each

--	--	--	--	--	--

Type	Materials	Seat/Seals	End Connector:
True Union Industrial	PVC	Buna N	Socket
True Union Standard	CPVC	EPDM	Threaded
True Union Regular Compact	LXT PVC	Viton	SR Threaded
True Union Tee-Style		PTFE	Flange
3-Way Horizontal		Other (Explain Below)	Spigot
3-Way Vertical			
Tandem 3-way			

(Tandem 3-Way Orientation Document Required with Questionnaire)

Vertical 3-Way				Horizontal 3-Way	
Single L-Port	Double L-Port	Triple L-Port	T-port	L-Port	T-Port

Actuation

Pneumatic **Hydraulic**

Double Acting

Spring Return - Close

Spring Return - Open

Extended Travel Open

Extended Travel Close

3-Position 180 Degree Travel Other (describe below)

Operating Air Pressure (PSI) 40 60 80 100 120

Other Operating Pressure (kPa, Bar, etc.) _____

Override Type

None Manual Non-Declutchable

Declutchable

Visual Indicator

Top Pointer Flat Top Dome

Limit Switches

SPDT DPDT

Mechanical Proximity

Signal Type

Specify Voltage/Pressure _____

Positioner Type Pneumatic Elect. Pneu.

Servo Positioning Control with Transmitter

Servo Positioning Control - NO Transmitter

Input 0-20mA 4-20mA 0-5 VDC 0-10 VDC

Output 0-20mA 4-20mA 0-5 VDC 0-10 VDC

NEMA Rating 4 4X 6 7 9 65 66 68

ATEX (provide description) _____

Solenoid Valve

Standard Stainless Steel

3&4 Way Dual Coil for 3-Position Actuators

12 VDC 24 VDC 115 VAC

12 VAC 24 VAC 230 VAC

NEMA Rating 4 4X 6 7 9 65 66 68

ATEX (provide description) _____

Electric

Basic Two Position (90 Degree Travel)

Extended Travel 120 180 270

Fail Open Fail Close

Note: On "Fail Safe" Options Two Position ONLY

Servo Positioning Control with Transmitter

Servo Positioning Control - NO Transmitter

Signal Type Current Voltage

Input 0-20 mA 4-20mA 0-5 VDC 0-10 VDC

Output 0-20 mA 4-20mA 0-5 VDC 0-10 VDC

Supply Power

12 VDC 24 VDC 120 VAC 220 VAC 230 VAC 208 VAC 480 VAC

Frequency 50 Hz 60 Hz

Phase Single Three

Override

Non-Declutchable Declutchable No Override

Duty Cycle

25% 40% 50% 75% 80% 100%

NEMA Rating 4 4X 6 7 9 65 66 68

ATEX (provide description) _____

Auxiliary Limit Switches

2 4 6

Miscellaneous Accessories - not all available in multiple installations

Electronic Torque Switch Friction Brake

Battery Backup

Interval Timer

2-Wire Control Relay

Additional Items

NOT FOR USE WITH COMPRESSED AIR OR GAS

Valve Actuation Questionnaire Checklist Butterfly Valves



Contact Name _____ Date _____

Business Name _____

City _____ State _____

Country _____

Phone _____ Fax _____ E-mail _____

Project Name _____ Project Number _____

Butterfly Valves

System Pressure: psi kPa Bar Nominal Size: in cm Quantity:

Type: Standard True Lug High Purity Wafer Pool Valve Shaved

Lug Materials: SS316 Zinc Tandem Diverting Tandem 3-Way

Body Material: PVC CPVC PP Seat/Seal Buna N EPDM Viton PTFE

Other Information _____

Actuation

Pneumatic
Hydraulic

Double Acting
 Spring Return - Close
 Spring Return - Open
 Extended Travel Open
 Extended Travel Close

Operating Air Pressure (PSI)
 40 60 80 100 120

Other Operating Pressure (kPa, Bar, etc.) _____

Override Type
 None Manual Non-Declutchable
 Declutchable

Visual Indicator
 Top Pointer Flat Top Dome

Limit Switches
 SPDT DPDT
 Mechanical Proximity

Signal Type
Specify Voltage/Pressure _____

Positioner Type Pneumatic Elect. Pneu.

Signal Pressure 0-15 PSI 3-15 PSI

Servo Positioning Control with Transmitter
 Servo Positioning Control - NO Transmitter

Input 0-20mA 4-20mA 0-5VDC 0-10VDC
Output 0-20mA 4-20mA 0-5VDC 0-10VDC

NEMA Rating 4 4X 6 7 9 65 66 68

ATEX (provide description) _____

Solenoid Valve
 Standard Stainless Steel

3&4 Way
 12 VDC 24 VDC 115 VAC
 12 VAC 24 VAC 230 VAC

NEMA Rating 4 4X 6 7 9 65 66 68

ATEX (provide description) _____

Electric

Basic Two Position (90 Degree Travel)
 Fail Open Fail Close
Note: On "Fail Safe" Options Two Position ONLY
Not Available on 10" and Larger Butterfly Valves due to Torque

Servo Positioning Control with Transmitter
 Servo Positioning Control - NO Transmitter

Signal Type Current Voltage

Input 0-20 mA 4-20 mA 0-5 VDC 0-10 VDC
Output 0-20 mA 4-20 mA 0-5 VDC 0-10 VDC

Supply Power
 12 VDC 12 VAC 120 VAC 208 VAC
 24 VDC 24 VAC 220 VAC 480 VAC
 230 VAC

Frequency 50 Hz 60 Hz
Phase Single Three

Override
 Non-Declutchable Declutchable

Duty Cycle
 25% 40% 50% 75% 80% 100%

NEMA Rating 4 4X 6 7 9 65 66 68

ATEX (provide description) _____

Auxiliary Limit Switches
 2 4 6

Miscellaneous Accessories - not all available in multiple installations
 Electronic Torque Switch Friction Brake
 Battery Backup
 Interval Timer
 2-Wire Control Relay
 Heater & Thermostat

Additional Items _____



Valve Actuation Questionnaire Checklist Diaphragm Valves

Contact Name _____ Date _____
 Business Name _____
 City _____ State _____
 Country _____
 Phone _____ Fax _____ E-mail _____
 Project Name _____ Project Number _____

Diaphragm

System Pressure: required PSI kPa Bar Nominal Size in cm Quantity
 End Connector: Socket Flange Spigot SR Thread
 Body Material: PVC CPVC PP LXPVC Diaphragm: EPDM Viton PTFE/Viton PTFE/EPDM
 Other Information _____

Actuation

<p>Pneumatic <input type="checkbox"/></p> <p><input type="checkbox"/> Double Acting <input type="checkbox"/> Spring Return - Close <input type="checkbox"/> Spring Return - Open</p> <p><input type="checkbox"/> 40 <input type="checkbox"/> 60 <input type="checkbox"/> 80 <input type="checkbox"/> 100 <input type="checkbox"/> 120 Other Operating Pressure (kPa, Bar, etc.) _____</p> <p>Override Type <u>2-1/2" and Larger</u> <input type="checkbox"/> None <input type="checkbox"/> Manual Override not available with all options.</p> <p>Visual Indicator <input type="checkbox"/> Too Pointer <input type="checkbox"/> Flat Top <input type="checkbox"/> Dome</p> <p>Limit Switches <input type="checkbox"/> SPDT <input type="checkbox"/> DPDT <input type="checkbox"/> Mechanical <input type="checkbox"/> Proximity</p> <p>Signal Type Specify Voltage/Pressure _____ Positioner Type <input type="checkbox"/> Pneumatic <input type="checkbox"/> Elect. Pneu.</p> <p><input type="checkbox"/> Servo Positioning Control with Transmitter <input type="checkbox"/> Servo Positioning Control - NO Transmitter</p> <p>Input <input type="checkbox"/> 0-20 mA <input type="checkbox"/> 4-20 mA <input type="checkbox"/> 0-5 VDC <input type="checkbox"/> 0-10 VDC Output <input type="checkbox"/> 0-20 mA <input type="checkbox"/> 4-20 mA <input type="checkbox"/> 0-5 VDC <input type="checkbox"/> 0-10 VDC</p> <p>NEMA Rating <input type="checkbox"/> 4 <input type="checkbox"/> 4X <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 9 <input type="checkbox"/> 65 <input type="checkbox"/> 66 <input type="checkbox"/> 68 IP Rating _____</p> <p>ATEX (provide description) _____</p> <p>Solenoid Valve <input type="checkbox"/> Standard <input type="checkbox"/> Stainless Steel <input type="checkbox"/> 3&4 Way <input type="checkbox"/> 12 VDC <input type="checkbox"/> 24 VDC <input type="checkbox"/> 115 VAC <input type="checkbox"/> 12 VAC <input type="checkbox"/> 24 VAC <input type="checkbox"/> 230 VAC</p> <p>NEMA Rating <input type="checkbox"/> 4 <input type="checkbox"/> 4X <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 9 <input type="checkbox"/> 65 <input type="checkbox"/> 66 <input type="checkbox"/> 68 IP Rating _____</p> <p>ATEX (provide description) _____</p>	<p>Electric <input type="checkbox"/></p> <p>Multi-Turn <input type="checkbox"/></p> <p><input type="checkbox"/> Servo Positioning Control with Transmitter <input type="checkbox"/> Servo Positioning Control - NO Transmitter</p> <p>Signal Type <input type="checkbox"/> Current <input type="checkbox"/> Voltage Input <input type="checkbox"/> 0-20 mA <input type="checkbox"/> 4-20 mA <input type="checkbox"/> 0-5 VDC <input type="checkbox"/> 0-10 VDC Output <input type="checkbox"/> 0-20 mA <input type="checkbox"/> 4-20 mA <input type="checkbox"/> 0-5 VDC <input type="checkbox"/> 0-10 VDC</p> <p>Supply Power <input type="checkbox"/> 12 VDC <input type="checkbox"/> 12 VAC <input type="checkbox"/> 120 VAC <input type="checkbox"/> 208 VAC <input type="checkbox"/> 24 VDC <input type="checkbox"/> 24 VAC <input type="checkbox"/> 220 VAC <input type="checkbox"/> 480 VAC <input type="checkbox"/> 230 VAC</p> <p>Frequency <input type="checkbox"/> 50 Hz <input type="checkbox"/> 60 Hz Phase <input type="checkbox"/> Single <input type="checkbox"/> Three</p> <p>Override <input type="checkbox"/> Non-Declutchable <input type="checkbox"/> Declutchable</p> <p>Duty Cycle <input type="checkbox"/> 25% <input type="checkbox"/> 40% <input type="checkbox"/> 50% <input type="checkbox"/> 75% <input type="checkbox"/> 80% <input type="checkbox"/> 100%</p> <p>NEMA Rating <input type="checkbox"/> 4 <input type="checkbox"/> 4X <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 9 <input type="checkbox"/> 65 <input type="checkbox"/> 66 <input type="checkbox"/> 68 IP Rating _____</p> <p>ATEX (provide description) _____</p> <p>Auxiliary Limit Switches <input type="checkbox"/> 2 <input type="checkbox"/> 4 <input type="checkbox"/> 6</p> <p>Miscellaneous Accessories - not all available in multiple installations <input type="checkbox"/> Electronic Torque Switch <input type="checkbox"/> Friction Brake <input type="checkbox"/> Battery Backup <input type="checkbox"/> Interval Timer <input type="checkbox"/> 2-Wire Control Relay</p> <p>Additional Items _____</p>
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Not all selections may be available.

NOT FOR USE WITH COMPRESSED AIR OR GAS



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498	Electric Actuated Compact Ball Valve CPVC 1/2" thru 2"
500	Electric Actuated True Union 2000 Ball Valve PVC 1/2" thru 4"
502	Electric Actuated True Union 2000 Ball Valve CPVC 1/2" thru 4"
510	Electric Actuated Butterfly PVC 1-1/2" thru 12"
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514	Electric Actuated Butterfly PP 1-1/2" thru 24"
520	Electric Actuated Diaphragm PVC 1/2" thru 4"
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