



**Actuated Valves**  
**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	23101A112-005 685.47	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
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.



## Actuated Valves Actuated Valve Information

### 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® Actuated Thermoplastic Valves Product Guide & Engineering Specification, for additional technical information on valve packages and accessories.

**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.

**Step 5: Select and Locate Desired Accessories (see important ordering information below)**

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

### 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 2000 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 <sup>1</sup>	EPDM Viton®	Flanged	X	X	
	Diaphragm Valves	PVC	1/2 - 4 <sup>2</sup>	Buna-N EPDM Viton® PTFE	Socket <sup>3</sup> Thread <sup>3</sup> Spigot <sup>4</sup> Flanged	X	X	
		CPVC	1/2 - 4 <sup>2</sup>	Buna-N EPDM Viton® PTFE	Socket Thread Spigot Flanged	X	X	
		PP	1/2 - 4 <sup>2</sup>	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.