

## Spears True Union 2000 Industrial Vented Ball Valve

**Description:** In-line double union ball valve

**Mounting:** In any position

**Maximum Fluid Pressure at 20°C:** All sizes 1/2" to 2" - 16 bar; sizes 2 1/2" to 4" - 10 bar; all sizes flanged - 10 bar

**Fluid Temperature Range:** 0°C-80°C

**Construction:**

**Body:** PVC-C

**Seals:** EPDM or FPM

**Seats:** PTFE

**End Connections:** Solvent Sockets, Solvent Spigots, Reinforced NPT Female Threaded, Flanged

**Features:** Designed for Sodium Hypochlorite and other chemical applications  
Vented ball equalises internal fluid pressure assuring proper valve operation and long life.



### Inch Solvent Cement Sockets

EPDM Seals	1/2	1829V-005C	58.58
PTFE Seats	3/4	1829V-007C	73.77
	1	1829V-010C	87.83
	1 1/4	1829V-012C	139.62
	1 1/2	1829V-015C	147.46
	2	1829V-020C	197.21
	2 1/2	1822V-025C	442.16
	3	1822V-030C	516.99
	4	1822V-040C	936.79
	6	1822V-060C	1994.31

### Inch Solvent Cement Sockets

FPM Seals	1/2	1839V-005C	65.08
PTFE Seats	3/4	1839V-007C	81.99
	1	1839V-010C	95.57
	1 1/4	1839V-012C	155.19
	1 1/2	1839V-015C	163.83
	2	1839V-020C	226.69
	2 1/2	1832V-025C	491.24
	3	1832V-030C	574.47
	4	1832V-040C	1040.89
	6	1832V-060C	2215.75

### NPT Female Threaded

Stainless Steel Reinforced

EPDM Seals	1/2	1821V-005CSR	59.51
PTFE Seats	3/4	1821V-007CSR	76.09
	1	1821V-010CSR	90.11
	1 1/4	1821V-012CSR	146.50
	1 1/2	1821V-015CSR	154.87
	2	1821V-020CSR	205.25
	2 1/2	1821V-025CSR	463.74
	3	1821V-030CSR	538.59
	4	1821V-040CSR	961.98

### NPT Female Threaded

Stainless Steel Reinforced

FPM Seals	1/2	1831V-005CSR	66.06
PTFE Seats	3/4	1831V-007CSR	84.28
	1	1831V-010CSR	99.86
	1 1/4	1831V-012CSR	162.08
	1 1/2	1831V-015CSR	171.24
	2	1831V-020CSR	234.75
	2 1/2	1831V-025CSR	512.83
	3	1831V-030CSR	596.04
	4	1831V-040CSR	1066.10



### Spears 2000 Range Features

The Spears 2000 range incorporates new design features and improved value for money. The Industrial valve includes a lockable handle and features a full bore 6" design. It is also available with a vented ball to provide long, trouble free operation for chemical applications.



## Spears True Union 2000 Industrial Ball Valve

**Description:** In-line double union ball valve with lockable handle

**Mounting:** In any position

**Maximum Fluid Pressure at 20°C:** Sizes 1/2" to 2" - 16 bar; sizes 2 1/2" to 6" - 10 bar

All sizes flanged - 10 bar

**Fluid Temperature Range:** 0°C-80°C

**Construction:**

**Body:** PVC-C

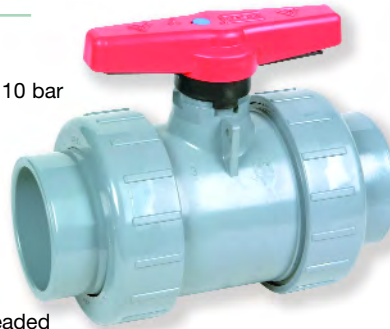
**Seals:** EPDM or FPM

**Seats:** PTFE

**End Connections:** Solvent Sockets, Solvent Spigots, NPT Female Threaded, Reinforced NPT Female Threaded, Flanged

**Features:** Sizes 1/2" to 2" Solvent Socket valves also include NPT Female Threaded end connections. All valves are assembled with Silicon-free, water soluble lubricant.

**Option:** T-Handle operation on 6" valve



### Inch Solvent Cement Sockets

Seals	Size	Part No.	Price
EPDM Seals PTFE Seats	1/2	1829-005C	41.98
	3/4	1829-007C	52.85
	1	1829-010C	62.93
	1 1/4	1829-012C	100.03
	1 1/2	1829-015C	105.64
	2	1829-020C	141.30
	2 1/2	1822-025C	316.77
	3	1822-030C	370.40
	4	1822-040C	671.15
	6	1822-060C	1428.78
	6*	18226-060C	1428.78

\*T-Handle operation

### Inch Solvent Cement Sockets

Seals	Size	Part No.	Price
FPM Seals PTFE Seats	1/2	1839-005C	46.62
	3/4	1839-007C	58.75
	1	1839-010C	69.91
	1 1/4	1839-012C	111.17
	1 1/2	1839-015C	117.37
	2	1839-020C	162.42
	2 1/2	1832-025C	351.95
	3	1832-030C	411.56
	4	1832-040C	745.71
	6	1832-060C	1587.42
	6*	18326-060C	1587.42

\*T-Handle operation

### Inch Solvent Cement Spigots

Seals	Size	Part No.	Price
EPDM Seals PTFE Seats	1/2	1827-005C	41.98
	3/4	1827-007C	52.85
	1	1827-010C	62.93
	1 1/4	1827-012C	100.03
	1 1/2	1827-015C	105.64
	2	1827-020C	141.30
	2 1/2	1827-025C	316.77
	3	1827-030C	370.40
	4	1827-040C	671.15
	6	1827-060C	1428.78
	6*	18276-060C	1428.78

\*T-Handle operation

### Inch Solvent Cement Spigots

Seals	Size	Part No.	Price
FPM Seals PTFE Seats	1/2	1837-005C	46.62
	3/4	1837-007C	58.75
	1	1837-010C	69.91
	1 1/4	1837-012C	111.17
	1 1/2	1837-015C	117.37
	2	1837-020C	162.42
	2 1/2	1837-025C	351.95
	3	1837-030C	411.56
	4	1837-040C	745.71
	6	1837-060C	1587.42
	6*	18376-060C	1587.42

\*T-Handle operation

### Flanged ANSI 150

Seals	Size	Part No.	Price
EPDM Seals PTFE Seats	1/2	1823-005C	64.14
	3/4	1823-007C	75.89
	1	1823-010C	89.32
	1 1/4	1823-012C	131.82
	1 1/2	1823-015C	141.80
	2	1823-020C	187.96
	2 1/2	1823-025C	407.53
	3	1823-030C	469.88
	4	1823-040C	803.30
	6	1823-060C	1655.18
	6*	18236-060C	1655.18

\*T-Handle operation

### Flanged ANSI 150

Seals	Size	Part No.	Price
FPM Seals PTFE Seats	1/2	1833-005C	68.80
	3/4	1833-007C	81.77
	1	1833-010C	96.23
	1 1/4	1833-012C	142.97
	1 1/2	1833-015C	153.55
	2	1833-020C	209.10
	2 1/2	1833-025C	442.68
	3	1833-030C	511.05
	4	1833-040C	877.87
	6	1833-060C	1813.80
	6*	18336-060C	1813.80

\*T-Handle operation



### Silicon Free Valves

All Spears valves are assembled with a water soluble lubricant and are "silicon free."

## Spears Valve Bracket

Includes: Polypropylene Valve Bracket, Screws and Nuts



Valve size

1/2"/20mm	TUMB2- 005	40.45
3/4"/25mm	TUMB2- 007	42.89
1"/32mm	TUMB2- 010	46.12
1 1/4"/40mm	TUMB2- 012	48.25
1 1/2"/50mm	TUMB2- 015	52.08
2"/63mm	TUMB2- 020	58.05
3"/90mm	TUMB2- 030	110.12
4"/110mm	TUMB2- 040	134.63

## Spears Actuator Mounting Platform

Includes: Polypropylene Mounting Platform, Screws and Nuts.



Valve size

1/2"/20mm	MMP1- 005	17.15
3/4"/25mm	MMP1- 007	17.77
1"/32mm	MMP1- 010	20.68
1 1/4"/40mm	MMP1- 012	22.66
1 1/2"/50mm	MMP1- 015	30.93
2"/63mm	MMP1- 020	34.92
3"/90mm	MMP1- 030	78.73
4"/110mm	MMP1- 040	90.66

## Spears Ball Valve Stem Extension Kit

Suitable for use with Spears True Union 2000 Ball Valve.

Does not include extension pipe.



Valve size

1/2	BVSE2-005-000	9.26
3/4	BVSE2-007-000	10.26
1	BVSE2-010-000	10.26
1 1/4	BVSE2-012-000	16.71
1 1/2	BVSE2-015-000	18.98
2	BVSE2-020-000	20.52
2 1/2 & 3	BVSE2-030-000	20.99
4	BVSE2-040-000	28.79

Also available for butterfly valve. Please enquire for details.

## Spears Compact Ball Valve

**Description:** In-line ball valve

**Mounting:** In any position

**Maximum Fluid Pressure at 20°C:** Sizes 1/2" to 2" - 16 bar; sizes 3" to 6" - 10 bar

**Fluid Temperature Range:** 0°C-80°C

**Construction:**

**Body:** PVC-C

**Seals:** EPDM or FPM

**Seats:** PTFE

**End Connections:** Solvent Sockets, NPT Female Threaded, Flanged ANSI 150



### Inch Solvent Cement Sockets

EPDM Seals  
PTFE Seats

1/2	2122- 005C	20.43
3/4	2122- 007C	26.98
1	2122- 010C	33.70
1 1/4	2122- 012C	68.14
1 1/2	2122- 015C	68.14
2	2122- 020C	89.28
3	2122- 030C	272.05
4	2122- 040C	501.77
6	2122- 060C	873.75

### Inch Solvent Cement Sockets

FPM Seals  
PTFE Seats

1/2	2132- 005C	22.76
3/4	2132- 007C	30.33
1	2132- 010C	37.92
1 1/4	2132- 012C	75.69
1 1/2	2132- 015C	75.69
2	2132- 020C	100.21
3	2132- 030C	302.67
4	2132- 040C	563.78
6	2132- 060C	1238.41

### NPT Female Threaded Sockets

EPDM Seals  
PTFE Seats

1/2	2121- 005C	20.43
3/4	2121- 007C	26.98
1	2121- 010C	33.70
1 1/4	2121- 012C	68.14
1 1/2	2121- 015C	68.14
2	2121- 020C	89.28
3	2121- 030C	272.05
4	2121- 040C	501.77

### NPT Female Threaded Sockets

FPM Seals  
PTFE Seats

1/2	2131- 005C	22.76
3/4	2131- 007C	30.33
1	2131- 010C	37.92
1 1/4	2131- 012C	75.69
1 1/2	2131- 015C	75.69
2	2131- 020C	100.21
3	2131- 030C	302.67
4	2131- 040C	563.78

## Spears True Union 2000 Standard Ball Valve

**Description:** In-line double union ball valve

**Mounting:** In any position

**Maximum Fluid Pressure at 20°C:** Sizes 1/2" to 2" - 16 bar; sizes 2 1/2" to 4" - 10 bar

All sizes flanged - 10 bar

**Fluid Temperature Range:** 0°C-80°C

**Construction:**

**Body:** PVC-C

**Seals:** EPDM or FPM

**Seats:** PTFE

**End Connections:** Solvent Sockets, Solvent Spigots, NPT Female Threaded, Reinforced NPT Female Threaded

**Features:** Sizes 1/2" to 2" Solvent Socket valves also include NPT Female Threaded end connections.



### Inch Solvent Cement Sockets

EPDM Seals  
PTFE/HDPE Seats

1/2	3629-005C	33.57
3/4	3629-007C	42.29
1	3629-010C	50.34
1 1/4	3629-012C	80.03
1 1/2	3629-015C	84.52
2	3629-020C	113.04
2 1/2	3622-025C	253.41
3	3622-030C	296.30
4	3622-040C	536.92

### Inch Solvent Cement Sockets

FPM Seals  
PTFE/HDPE Seats

1/2	3639-005C	37.31
3/4	3639-007C	46.99
1	3639-010C	55.92
1 1/4	3639-012C	88.94
1 1/2	3639-015C	93.91
2	3639-020C	129.95
2 1/2	3632-025C	281.56
3	3632-030C	329.25
4	3632-040C	596.58

### Inch Solvent Cement Spigots

EPDM Seals  
PTFE/HDPE Seats

1/2	3627-005C	33.57
3/4	3627-007C	42.29
1	3627-010C	50.34
1 1/4	3627-012C	80.03
1 1/2	3627-015C	84.52
2	3627-020C	113.04
2 1/2	3627-025C	253.41
3	3627-030C	296.30
4	3627-040C	536.92

### Inch Solvent Cement Spigots

FPM Seals  
PTFE/HDPE Seats

1/2	3637-005C	37.31
3/4	3637-007C	46.99
1	3637-010C	55.92
1 1/4	3637-012C	88.94
1 1/2	3637-015C	93.91
2	3637-020C	129.95
2 1/2	3637-025C	281.56
3	3637-030C	329.25
4	3637-040C	596.58

### Flanged ANSI 150

EPDM Seals  
PTFE/HDPE Seats

1/2	3623-005C	55.72
3/4	3623-007C	65.32
1	3623-010C	76.73
1 1/4	3623-012C	111.82
1 1/2	3623-015C	120.69
2	3623-020C	159.72
2 1/2	3623-025C	344.15
3	3623-030C	395.79
4	3623-040C	699.07

### Flanged ANSI 150

FPM Seals  
PTFE/HDPE Seats

1/2	3633-005C	59.47
3/4	3633-007C	70.03
1	3633-010C	82.33
1 1/4	3633-012C	120.73
1 1/2	3633-015C	130.07
2	3633-020C	176.61
2 1/2	3633-025C	372.27
3	3633-030C	428.74
4	3633-040C	728.72

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## Spears 2000 Horizontal T-Port & L-Port Ball Valve

**Description:** In-line horizontal 3-way T-port or L-port ball valve with lockable handle and union ends

**Mounting:** In any position

**Maximum Fluid Pressure at 20°C:** Sizes 1/2" to 2" - 16 bar; sizes 2 1/2" to 4" - 10 bar

**Fluid Temperature Range:** 0°C-80°C

**Construction:**

**Body:** PVC-C

**Seals:** EPDM or FPM

**Seats:** PTFE

**End Connections:** Solvent Sockets, NPT Female Threaded, Flanged ANSI 150



### Inch Solvent Cement Sockets

EPDM Seals  
PTFE Seats

1/2	5022*1- 005C	122.83
3/4	5022*1- 007C	146.60
1	5022*1- 010C	177.95
1 1/4	5022*1- 012C	205.67
1 1/2	5022*1- 015C	240.67
2	5022*1- 020C	395.38
2 1/2	5022*1- 025C	994.80
3	5022*1- 030C	1015.23
4	5022*1- 040C	1837.92

### Inch Solvent Cement Sockets

FPM Seals  
PTFE Seats

1/2	5032*1- 005C	133.04
3/4	5032*1- 007C	157.54
1	5032*1- 010C	195.45
1 1/4	5032*1- 012C	230.47
1 1/2	5032*1- 015C	263.29
2	5032*1- 020C	344.24
2 1/2	5032*1- 025C	1057.53
3	5032*1- 030C	1073.58
4	5032*1- 040C	1858.34

### NPT Female Threaded

EPDM Seals  
PTFE Seats

1/2	5021*1- 005CSR	126.61
3/4	5021*1- 007CSR	151.69
1	5021*1- 010CSR	182.33
1 1/4	5021*1- 012CSR	215.16
1 1/2	5021*1- 015CSR	255.27
2	5021*1- 020CSR	310.70
2 1/2	5021*1- 025CSR	1038.58
3	5021*1- 030CSR	1060.45
4	5021*1- 040CSR	1887.50

### NPT Female Threaded

FPM Seals  
PTFE Seats

1/2	5031*1- 005CSR	139.02
3/4	5031*1- 007CSR	162.65
1	5031*1- 010CSR	200.56
1 1/4	5031*1- 012CSR	241.42
1 1/2	5031*1- 015CSR	278.61
2	5031*1- 020CSR	361.03
2 1/2	5031*1- 025CSR	1101.29
3	5031*1- 030CSR	1117.32
4	5031*1- 040CSR	1907.93

### Flanged ANSI 150

EPDM Seals  
PTFE Seats

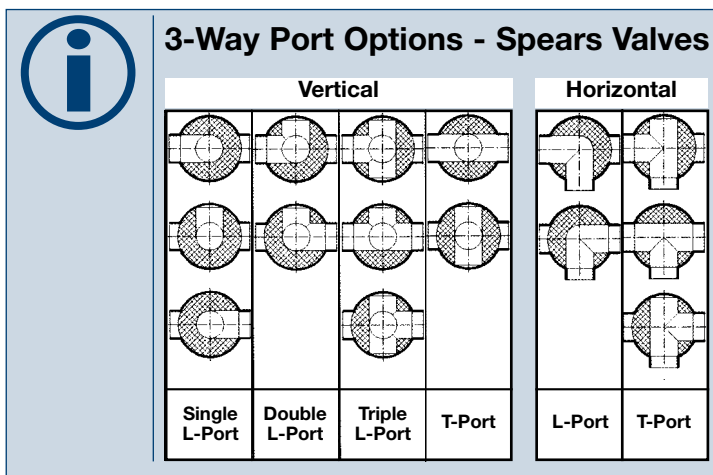
1/2	5023*1- 005C	250.89
3/4	5023*1- 007C	262.54
1	5023*1- 010C	373.43
1 1/4	5023*1- 012C	706.72
1 1/2	5023*1- 015C	727.88
2	5023*1- 020C	945.21
2 1/2	5023*1- 025C	1659.95
3	5023*1- 030C	1681.83
4	5023*1- 040C	2443.26

### Flanged ANSI 150

FPM Seals  
PTFE Seats

1/2	5033*1- 005C	261.83
3/4	5033*1- 007C	277.14
1	5033*1- 010C	408.42
1 1/4	5033*1- 012C	748.30
1 1/2	5033*1- 015C	761.43
2	5033*1- 020C	993.36
2 1/2	5033*1- 025C	1945.84
3	5033*1- 030C	1954.61
4	5033*1- 040C	2670.81

\* For T-Port insert T i.e. 5022T1-005C  
For L-Port insert L i.e. 5022L1-005C



## Spears 2000 Vertical T-Port & L-Port Ball Valve

**Description:** In-line vertical 3-way T-port & L-port ball valve with lockable handle and union ends

**Mounting:** In any position

**Maximum Fluid Pressure at 20°C:** Sizes 1/2" to 2" - 16 bar; sizes 2 1/2" to 4" - 10 bar

**Fluid Temperature Range:** 0°C-80°C

**Construction:**

**Body:** PVC-C

**Seals:** EPDM or FPM

**Seats:** PTFE

**End Connections:** Solvent Sockets, NPT Female Threaded, Flanged ANSI 150



### Inch Solvent Cement Sockets

EPDM Seals PTFE Seats	1/2	4722*1- 005C	122.10
	3/4	4722*1- 007C	143.23
	1	4722*1- 010C	174.30
	1 1/4	4722*1- 012C	210.77
	1 1/2	4722*1- 015C	243.59
	2	4722*1- 020C	299.02
	2 1/2	4722*1- 025C	1050.24
	3	4722*1- 030C	1072.11
	4	4722*1- 040C	1852.50

### Inch Solvent Cement Sockets

FPM Seals PTFE Seats	1/2	4732*1- 005C	132.16
	3/4	4732*1- 007C	156.07
	1	4732*1- 010C	194.01
	1 1/4	4732*1- 012C	248.71
	1 1/2	4732*1- 015C	266.94
	2	4732*1- 020C	347.17
	2 1/2	4732*1- 025C	1061.89
	3	4732*1- 030C	1082.32
	4	4732*1- 040C	1871.40

### NPT Threaded Sockets

EPDM Seals PTFE Seats	1/2	4721*1- 005CSR	124.13
	3/4	4721*1- 007CSR	148.78
	1	4721*1- 010CSR	179.41
	1 1/4	4721*1- 012CSR	220.25
	1 1/2	4721*1- 015CSR	259.63
	2	4721*1- 020CSR	315.81
	2 1/2	4721*1- 025CSR	1094.00
	3	4721*1- 030CSR	1115.87
	4	4721*1- 040CSR	1902.11

### NPT Threaded Sockets

FPM Seals PTFE Seats	1/2	4731*1- 005CSR	134.21
	3/4	4731*1- 007CSR	161.18
	1	4731*1- 010CSR	199.12
	1 1/4	4731*1- 012CSR	258.18
	1 1/2	4731*1- 015CSR	282.98
	2	4731*1- 020CSR	363.94
	2 1/2	4731*1- 025CSR	1105.66
	3	4731*1- 030CSR	1124.63
	4	4731*1- 040CSR	1921.06

### Flanged ANSI 150

EPDM Seals PTFE Seats	1/2	4723*1- 005C	252.34
	3/4	4723*1- 007C	264.74
	1	4723*1- 010C	377.78
	1 1/4	4723*1- 012C	711.82
	1 1/2	4723*1- 015C	739.53
	2	4723*1- 020C	952.49
	2 1/2	4723*1- 025C	1667.25
	3	4723*1- 030C	1690.59
	4	4723*1- 040C	2481.16

### Flanged ANSI 150

FPM Seals PTFE Seats	1/2	4733*1- 005C	261.83
	3/4	4733*1- 007C	276.43
	1	4733*1- 010C	409.16
	1 1/4	4733*1- 012C	754.13
	1 1/2	4733*1- 015C	761.43
	2	4733*1- 020C	994.80
	2 1/2	4733*1- 025C	1942.93
	3	4733*1- 030C	1956.06
	4	4733*1- 040C	2573.08

\* For T-Port insert T i.e. 4723T1-005C  
For L-Port insert L i.e. 4723L1-005C



### Additional L-Port Options

The Spears 2000 Vertical L-Port Ball Valve is also available at additional cost with:

- Double L-Port Function
- Triple L-Port Function

Please enquire for details and prices.

## Spears Gate Valve

**Description:** In-line gate valve with non rising stem

**Mounting:** In any position

**Maximum Fluid Pressure at 20°C:** Sizes up to 2" - 14 bar; 3" - 10 bar; 4" - 6 bar

**Fluid Temperature Range:** 0°C-80°C

**Construction:**

**Body:** PVC-C **Gate:** Polypropylene **Seals:** EPDM or FPM

**Bonnet:** PVC-C except 4" which is Stainless Steel 316

**End Connections:** Solvent Sockets, BSP or NPT threaded, flanged



### Inch Solvent Cement Sockets

EPDM Seals	Size	Part No.	Price
	1/2	2022- 005C	52.94
	3/4	2022- 007C	57.34
	1	2022- 010C	62.87
	1 1/4	2022- 012C	110.27
	1 1/2	2022- 015C	120.91
	2	2022- 020C	139.46
	2 1/2	2022- 025C	533.87
	3	2022- 030C	738.09
	4	2022- 040C	1328.84

### Inch Solvent Cement Sockets

FPM Seals	Size	Part No.	Price
	1/2	2032- 005C	64.17
	3/4	2032- 007C	69.14
	1	2032- 010C	76.14
	1 1/4	2032- 012C	135.08
	1 1/2	2032- 015C	148.06
	2	2032- 020C	170.67
	2 1/2	2032- 025C	614.10
	3	2032- 030C	856.25
	4	2032- 040C	1541.79

### NPT Female Threaded Sockets

EPDM Seals	Size	Part No.	Price
	1/2	2021- 005C	52.94
	3/4	2021- 007C	57.34
	1	2021- 010C	62.87
	1 1/4	2021- 012C	110.27
	1 1/2	2021- 015C	120.91
	2	2021- 020C	139.46
	2 1/2	2021- 025C	533.87
	3	2021- 030C	738.09
	4	2021- 040C	1328.84

### NPT Female Threaded Sockets

FPM Seals	Size	Part No.	Price
	1/2	2031- 005C	64.17
	3/4	2031- 007C	69.14
	1	2031- 010C	76.14
	1 1/4	2031- 012C	135.08
	1 1/2	2031- 015C	148.06
	2	2031- 020C	170.67
	2 1/2	2031- 025C	614.10
	3	2031- 030C	856.25
	4	2031- 040C	1541.79

### Flanged ANSI 150

EPDM Seals	Size	Part No.	Price
	1/2	2023- 005C	237.76
	3/4	2023- 007C	256.72
	1	2023- 010C	281.54
	1 1/4	2023- 012C	380.70
	1 1/2	2023- 015C	417.17
	2	2023- 020C	485.73
	2 1/2	2023- 025C	792.05
	3	2023- 030C	923.33
	4	2023- 040C	1661.41

### Flanged ANSI 150

FPM Seals	Size	Part No.	Price
	1/2	2033- 005C	261.10
	3/4	2033- 007C	282.25
	1	2033- 010C	309.24
	1 1/4	2033- 012C	418.64
	1 1/2	2033- 015C	458.75
	2	2033- 020C	529.49
	2 1/2	2033- 025C	888.32
	3	2033- 030C	1025.43
	4	2033- 040C	1845.20

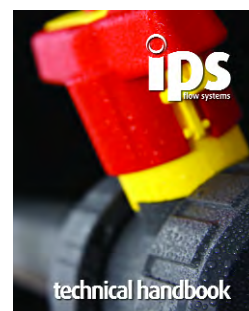
## Technical Resources

Register online for our technical catalogue

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**0800 975 79 71**



## Spears Butterfly Valve

**Description:** Wafer style butterfly valve

**Mounting:** In any position, between flanges to ANSI 150

**Maximum Fluid Pressure at 20°C:** 10 bar

**Fluid Temperature Range:** 0°C-80°C

**Construction:**

**Body:** PVC-C

**Disc:** Glass reinforced PVC-C

**Seals:** EPDM or FPM

**Shaft:** Stainless Steel 316

**End Connections:** Flange mounted (flanges not included)



### Lever Operated

EPDM Seals	Size	Part Number	Price
	1 1/2	722311- 015C	244.33
	2	722311- 020C	260.38
	2 1/2	722311- 025C	276.43
	3	722311- 030C	301.21
	4	722311- 040C	347.88
	6	722311- 060C	514.91
	8	722311- 080C	873.75

### Lever Operated

FPM Seals	Size	Part Number	Price
	1 1/2	723311- 015C	494.49
	2	723311- 020C	510.52
	2 1/2	723311- 025C	554.28
	3	723311- 030C	593.66
	4	723311- 040C	742.46
	6	723311- 060C	1187.36
	8	723311- 080C	2008.57

### Gear Operated

EPDM Seals	Size	Part Number	Price
	1 1/2	722321- 015C	739.53
	2	722321- 020C	764.34
	2 1/2	722321- 025C	776.00
	3	722321- 030C	786.21
	4	722321- 040C	843.11
	6	722321- 060C	1048.79
	8	722321- 080C	1219.43
	10	722321- 100C	1706.63
	12	722321- 120C	2411.16

### Gear Operated

FPM Seals	Size	Part Number	Price
	1 1/2	723321- 015C	1009.40
	2	723321- 020C	1040.02
	2 1/2	723321- 025C	1056.08
	3	723321- 030C	1142.14
	4	723321- 040C	1323.00
	6	723321- 060C	1862.71
	8	723321- 080C	2352.82
	10	723321- 100C	4359.93
	12	723321- 120C	5666.90

Also available bare shaft for remote or actuator mounting



### Industrial Grade Butterfly Valve

The Spears butterfly valve uses a solid 316L grade stainless steel shaft that is completely isolated (dry stem) from the process fluid.

## Spears Diaphragm Valve

**Description:** In-line diaphragm valve with position indicator

**Mounting:** In any position

**Maximum Fluid Pressure at 20°C:** Sizes 1/2" to 2" - 16 bar (PTFE diaphragm - 10 bar); sizes 2 1/2" to 4" - 10 bar; size 6" - 6.5 bar; size 8" - 5 bar. All flanged valves - 10 bar

**Fluid Temperature Range:** 0°C-80°C

**Construction:**

**Body:** PVC-C

**Seals:** EPDM, FPM, PTFE (EPDM backed) or PTFE (FPM backed)

**End Connections:** Solvent Sockets, Solvent Spigots, NPT Female Threaded, Flanged

**Features:** Sizes 1/2" to 2" Solvent Socket valves also include NPT Female Threaded end connections



### Inch Solvent Cement Unions

EPDM Diaphragm  
EPDM Seals

1/2	2729-005C	121.07
3/4	2729-007C	134.77
1	2729-010C	156.07
1 1/4	2729-012C	234.12
1 1/2	2729-015C	240.67
2	2729-020C	256.72

### Inch Solvent Cement Unions

FPM Diaphragm  
FPM Seals

1/2	2739-005C	155.34
3/4	2739-007C	165.55
1	2739-010C	201.29
1 1/4	2739-012C	301.94
1 1/2	2739-015C	313.61
2	2739-020C	321.64

### Inch Solvent Cement Unions

PTFE Diaphragm  
EPDM Backed  
EPDM Seals

1/2	2729T-005C	174.30
3/4	2729T-007C	192.54
1	2729T-010C	234.12
1 1/4	2729T-012C	323.09
1 1/2	2729T-015C	327.47
2	2729T-020C	360.29

### Inch Solvent Cement Unions

PTFE Diaphragm  
FPM Backed  
FPM Seals

1/2	2739VT-005C	207.86
3/4	2739VT-007C	222.44
1	2739VT-010C	268.39
1 1/4	2739VT-012C	363.21
1 1/2	2739VT-015C	374.88
2	2739VT-020C	441.98

### Flanged ANSI 150

EPDM Diaphragm  
EPDM Seals

1/2	2723-005C	146.60
3/4	2723-007C	164.10
1	2723-010C	202.01
1 1/4	2723-012C	258.18
1 1/2	2723-015C	261.10
2	2723-020C	292.45
2 1/2	2723-025C	530.95
3	2723-030C	802.26
4	2723-040C	1101.29
6	2723-060C	3118.62
8	2723-080C	5614.40

### Flanged ANSI 150

FPM Diaphragm  
FPM Seals

1/2	2733-005C	161.90
3/4	2733-007C	180.89
1	2733-010C	225.36
1 1/4	2733-012C	295.38
1 1/2	2733-015C	302.67
2	2733-020C	328.20
2 1/2	2733-025C	592.95
3	2733-030C	891.25
4	2733-040C	1222.36
6	2733-060C	3465.78
8	2733-080C	6237.23

### Flanged ANSI 150

PTFE Diaphragm  
EPDM Backed  
EPDM Seals

1/2	2793T-005C	211.51
3/4	2793T-007C	226.10
1	2793T-010C	277.87
1 1/4	2793T-012C	350.08
1 1/2	2793T-015C	418.64
2	2793T-020C	464.59
2 1/2	2793T-025C	917.50
3	2793T-030C	1206.31
4	2793T-040C	1603.08
6	2793T-060C	5512.29
8	2793T-080C	6307.27

### Flanged ANSI 150

PTFE Diaphragm  
FPM Backed  
FPM Seals

1/2	2793VT-005C	234.12
3/4	2793VT-007C	250.16
1	2793VT-010C	307.77
1 1/4	2793VT-012C	387.28
1 1/2	2793VT-015C	460.94
2	2793VT-020C	516.37
2 1/2	2793VT-025C	1085.34
3	2793VT-030C	1334.68
4	2793VT-040C	1711.02
6	2793VT-060C	4230.11
8	2793VT-080C	7007.42

## Spears Needle Valve

**Description:** Globe or Angle pattern flow control valve  
**Mounting:** In any position  
**Maximum Fluid Pressure at 20°C:** 16 bar  
**Fluid Temperature Range:** 0°C - 80°C  
**Construction:**  
**Body:** PVC-C  
**Seal:** PTFE  
**End Connections:** Female NPT Threaded  
**Feature:** Built-in panel or bracket mounting nut



### Globe Pattern Valve

1/4	5591- 002C	68.98
3/8	5591- 003C	68.98



### Angle Pattern Valve

1/4	5691- 002C	68.98
3/8	5691- 003C	68.98

### Will it be in stock?

Last year we shipped more than **25,000** consignments, and more than

# 95%

were complete, first time!



## Spears Laboratory Ball Valve

**Description:** In-line ball valve with accessories **Mounting:** In any position  
**Maximum Fluid Pressure at 20°C:** 10 bar **Fluid Temperature Range:** 0°C - 80°C  
**Construction:**  
**Body:** PVC-C **Seals:** EPDM or FPM **Seats:** PTFE  
**End Connections:** Solvent Socket or NPT Female Threaded  
**Option:** Kit including hose nozzles and nipples



### Inch Solvent Cement Sockets

Valve only EPDM Seals PTFE Seats	1/4	1522-002C	20.43
	3/8	1522-003C	28.59

### NPT Threaded Sockets

Valve, inc. kit EPDM Seals PTFE Seats	1/4	1529-002C	25.38
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### NPT Threaded Sockets

Valve, inc. kit FPM Seals PTFE Seats	1/4	1539-002C	25.96
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### Inch Solvent Cement Sockets

Valve only FPM Seals PTFE Seats	1/4	1532-002C	22.61
	3/8	1532-003C	31.66

### NPT Threaded Sockets

Valve only EPDM Seals PTFE Seats	1/4	1521-002C	20.43
	3/8	1521-003C	28.59

### NPT Threaded Sockets

Valve only FPM Seals PTFE Seats	1/4	1531-002C	22.61
	3/8	1531-003C	31.66

## Spears Globe Valve

**Description:** In-line globe throttling valve  
**Mounting:** In any position  
**Maximum Fluid Pressure at 20°C:** 10 bar  
**Fluid Temperature Range:** 0°C-80°C  
**Construction:**  
**Body:** PVC-C  
**Seats & Seals:** EPDM or FPM  
**Stem and Plug:** PVC-C  
**End Connections:** Flanged ANSI 150  
**Features:** Fully serviceable, excellent flow regulating characteristics.  
 Suitable for vacuum use.



### Flanged ANSI 150

EPDM Seals	2 1/2	6023-025C	520.01
	3	6023-030C	520.01
	4	6023-040C	675.36
	6	6023-060C	907.30

### Flanged ANSI 150

FPM Seals	2 1/2	6033-025C	578.35
	3	6033-030C	578.35
	4	6033-040C	742.46
	6	6033-060C	1060.45

## Spears Y-Pattern Valve

**Description:** In-line Y-Pattern throttling valve

**Mounting:** In any position

**Maximum Fluid Pressure at 20°C:** Sizes 1/2" to 2" - 10 bar; sizes 2 1/2" to 4" - 6 bar

**Fluid Temperature Range:** 0°C-80°C

**Construction:**

**Body:** PVC-C

**Seats & Seals:** EPDM or FPM

**End Connections:** Solvent Sockets, Reinforced NPT Female Threaded, Flanged

**Features:** Globe valve design provides proportional opening to seating disc travel for more accurate flow control

Special semi-rigid seating disc eliminates vibration for more accurate flow control

Y-Pattern reduces flow restriction over standard globe valve



### Inch Solvent Cement Sockets

EPDM	Size	Part Number	Price
	1/2	1722-005C	101.68
	3/4	1722-007C	119.76
	1	1722-010C	143.38
	1 1/4	1722-012C	177.22
	1 1/2	1722-015C	234.12
	2	1722-020C	331.85
	3	1722-030C	709.65
	4	1722-040C	1204.86

### Inch Solvent Cement Sockets

FPM	Size	Part Number	Price
	1/2	1732-005C	107.21
	3/4	1732-007C	128.06
	1	1732-010C	153.16
	1 1/4	1732-012C	188.16
	1 1/2	1732-015C	247.98
	2	1732-020C	353.72
	3	1732-030C	771.63
	4	1732-040C	1311.34

### NPT Female Threaded

Stainless Steel Reinforced

EPDM	Size	Part Number	Price
	1/2	1721-005CSR	104.44
	3/4	1721-007CSR	123.84
	1	1721-010CSR	150.98
	1 1/4	1721-012CSR	183.79
	1 1/2	1721-015CSR	252.34
	2	1721-020CSR	352.28
	3	1721-030CSR	761.43
	4	1721-040CSR	1200.47

### NPT Female Threaded

Stainless Steel Reinforced

FPM	Size	Part Number	Price
	1/2	1731-005CSR	111.45
	3/4	1731-007CSR	132.31
	1	1731-010CSR	153.16
	1 1/4	1731-012CSR	197.65
	1 1/2	1731-015CSR	266.21
	2	1731-020CSR	371.95
	3	1731-030CSR	824.13
	4	1731-040CSR	1365.30

### Flanged ANSI 150

EPDM	Size	Part Number	Price
	1/2	1723-005C	167.01
	3/4	1723-007C	191.09
	1	1723-010C	231.21
	1 1/4	1723-012C	277.14
	1 1/2	1723-015C	374.88
	2	1723-020C	477.70
	3	1723-030C	918.96
	4	1723-040C	1490.76

### Flanged ANSI 150

FPM	Size	Part Number	Price
	1/2	1733-005C	172.85
	3/4	1733-007C	199.12
	1	1733-010C	241.42
	1 1/4	1733-012C	287.36
	1 1/2	1733-015C	388.73
	2	1733-020C	499.59
	3	1733-030C	981.69
	4	1733-040C	1585.57

## Spears True Union Check (Non-Return) Valve

**Description:** In-line cone check valve **Mounting:** In a vertical position  
**Maximum Fluid Pressure at 20°C:** Sizes up to 2" - 16 bar;  
 sizes 2 1/2" to 6" - 10 bar  
**Fluid Temperature Range:** 0°C-80°C  
**Construction:**  
**Body:** PVC-C **Seals:** EPDM or FPM  
**End Connections:** Solvent Sockets, NPT Female Threaded, Flanged  
**Option:** Silicon-free



### Inch Solvent Cement Sockets

EPDM Seals	Size	Part No.	Price
	1/2	2229- 005C	52.23
	3/4	2229- 007C	62.41
	1	2229- 010C	73.66
	1 1/4	2229- 012C	126.90
	1 1/2	2229- 015C	126.90
	2	2229- 020C	169.93
	2 1/2	2222- 025C	355.18
	3	2222- 030C	355.18
	4	2222- 040C	778.92
	6*	2222- 060C	1387.19

\*Venturied to 4"

### Inch Solvent Cement Sockets

FPM Seals	Size	Part No.	Price
	1/2	2239- 005C	58.05
	3/4	2239- 007C	69.43
	1	2239- 010C	81.84
	1 1/4	2239- 012C	140.92
	1 1/2	2239- 015C	140.92
	2	2239- 020C	188.90
	2 1/2	2232- 025C	394.57
	3	2232- 030C	394.57
	4	2232- 040C	866.43
	6*	2232- 060C	1554.94

\*Venturied to 4"

### NPT Female Threaded Sockets

EPDM Seals	Size	Part No.	Price
	1/2	2229- 005C	52.23
	3/4	2229- 007C	62.41
	1	2229- 010C	73.66
	1 1/4	2229- 012C	126.90
	1 1/2	2229- 015C	126.90
	2	2229- 020C	169.93
	2 1/2	2221- 025C	355.18
	3	2221- 030C	355.18
	4	2221- 040C	778.92

### NPT Female Threaded Sockets

FPM Seals	Size	Part No.	Price
	1/2	2239- 005C	58.05
	3/4	2239- 007C	69.43
	1	2239- 010C	81.84
	1 1/4	2239- 012C	140.92
	1 1/2	2239- 015C	140.92
	2	2239- 020C	188.90
	2 1/2	2231- 025C	394.57
	3	2231- 030C	394.57
	4	2231- 040C	866.43

### Flanged ANSI 150

EPDM Seals	Size	Part No.	Price
	1/2	2223- 005C	62.57
	3/4	2223- 007C	74.70
	1	2223- 010C	89.12
	1 1/4	2223- 012C	150.98
	1 1/2	2223- 015C	161.18
	2	2223- 020C	284.45
	2 1/2	2223- 025C	452.19
	3	2223- 030C	571.71
	4	2223- 040C	951.04
	6	2223- 060C	1636.62

### Flanged ANSI 150

FPM Seals	Size	Part No.	Price
	1/2	2233- 005C	78.19
	3/4	2233- 007C	94.52
	1	2233- 010C	109.99
	1 1/4	2233- 012C	186.71
	1 1/2	2233- 015C	201.29
	2	2233- 020C	304.86
	2 1/2	2233- 025C	514.91
	3	2233- 030C	630.14
	4	2233- 040C	1021.07
	6	2233- 060C	1772.27

### Foot Valve Screen

Fits all socket ball check valves

Size	Part No.	Price
1/2	FVS- 005C	51.35
3/4	FVS- 007C	55.28
1	FVS- 010C	62.87
1 1/4	FVS- 012C	97.00
1 1/2	FVS- 015C	100.65
2	FVS- 020C	111.15
2 1/2	FVS- 025C	161.90
3	FVS- 030C	180.89
4	FVS- 040C	258.18



## Spears True Union 2000 Industrial Ball Check Valve

**Description:** In-line ball check valve

**Mounting:** Vertical

**Maximum Fluid Pressure at 20°C:** Sizes 1/2" to 2" - 16 bar; sizes 2 1/2" to 6" - 10 bar  
All sizes flanged - 10 bar

**Fluid Temperature Range:** 0°C-80°C

**Construction:**

**Body:** PVC-C

**Seals:** EPDM or FPM

**End Connections:** Solvent Sockets, Solvent Spigots, NPT Female Threaded, Reinforced NPT Female Threaded, Flanged

**Features:** Sizes 1/2" to 2" Solvent Socket valves also include NPT Female Threaded end connections. All valves are assembled with Silicon-free, water soluble lubricant



### Inch Solvent Cement Sockets

EPDM Seals	Size	Part Number	Price
	1/2	4529-005C	45.06
	3/4	4529-007C	53.99
	1	4529-010C	63.60
	1 1/4	4529-012C	109.39
	1 1/2	4529-015C	109.39
	2	4529-020C	146.60
	2 1/2	4522-025C	306.32
	3	4522-030C	306.32
	4	4522-040C	672.44
	6	4522-060C	2774.38

### Inch Solvent Cement Sockets

FPM Seals	Size	Part Number	Price
	1/2	4539-005C	50.17
	3/4	4539-007C	59.94
	1	4539-010C	70.60
	1 1/4	4539-012C	121.51
	1 1/2	4539-015C	121.51
	2	4539-020C	163.38
	2 1/2	4532-025C	340.59
	3	4532-030C	340.59
	4	4532-040C	748.30
	6	4532-060C	3082.15

### Inch Solvent Cement Spigots

EPDM Seals	Size	Part Number	Price
	1/2	4527-005C	45.06
	3/4	4527-007C	53.99
	1	4527-010C	63.60
	1 1/4	4527-012C	109.39
	1 1/2	4527-015C	109.39
	2	4527-020C	146.60
	2 1/2	4527-025C	306.32
	3	4527-030C	306.32
	4	4527-040C	672.44
	6	4527-060C	2774.38

### Inch Solvent Cement Spigots

FPM Seals	Size	Part Number	Price
	1/2	4537-005C	50.17
	3/4	4537-007C	59.94
	1	4537-010C	70.60
	1 1/4	4537-012C	121.51
	1 1/2	4537-015C	121.51
	2	4537-020C	163.38
	2 1/2	4537-025C	340.59
	3	4537-030C	340.59
	4	4537-040C	748.30
	6	4537-060C	3082.15

### Flanged ANSI 150

EPDM Seals	Size	Part Number	Price
	1/2	4523-005C	55.86
	3/4	4523-007C	66.67
	1	4523-010C	79.65
	1 1/4	4523-012C	134.21
	1 1/2	4523-015C	143.38
	2	4523-020C	253.82
	2 1/2	4523-025C	497.42
	3	4523-030C	513.45
	4	4523-040C	848.93
	6	4523-060C	4524.77

### Flanged ANSI 150

FPM Seals	Size	Part Number	Price
	1/2	4533-005C	69.86
	3/4	4533-007C	84.44
	1	4533-010C	98.16
	1 1/4	4533-012C	167.01
	1 1/2	4533-015C	179.41
	2	4533-020C	272.05
	2 1/2	4533-025C	459.48
	3	4533-030C	563.03
	4	4533-040C	911.66
	6	4533-060C	4704.18