



Valves Product

True Union 2000 Industrial Ball Check Valves

True Union 2000 Industrial Ball Check Valves



Socket Style

Pressure Rating @ 73°F (23°C),
Water

1/2" - 4" 235 psi
6" - 8" 150 psi
All Flanged 150 psi

Maximum Service Temperature

PVC = 140°F (60°C)
CPVC = 200°F (93°C)

Temperature/Pressure De-ratings Apply

Rated for Vacuum Service

General Installation Information:

Ball check valves may be installed in either horizontal or vertical position. A minimum of ten (10) pipe diameters' distance maintained from any pump or other source of turbulence. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of flow.

All Valves assembled with Silicone-Free, Water Soluble Lubricant. Contact Spears® for MSRP & Availability on Custom Elastomer Seals. See Ball Valve Accessories & Repair Kits Section for Additional Options and Features

PVC Industrial

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
------	------	-----	--------	---------	-----------

Socket & Threaded Ends

1/2	4529-005 69.20	4539-005 77.98	1	18	604
3/4	4529-007 82.51	4539-007 87.08	1	18	604
1	4529-010 98.14	4539-010 109.39	1	18	604
1-1/4	4529-012 143.31	4539-012 160.83	1	12	604
1-1/2	4529-015 164.59	4539-015 182.66	1	8	604
2	4529-020 224.69	4539-020 249.85	1	8	604

Socket Ends

2-1/2	4522-025 544.77	4532-025 580.20	1	0	605
3	4522-030 693.27	4532-030 777.13	1	0	605
4	4522-040 1021.88	4532-040 1076.62	1	0	605
6	4522-060 2009.49	4532-060 2227.07	1	0	558
8	4522-080 2677.99	4532-080 2968.55	1	0	558

8" Venturied valves are 6" ball check valves fitted with 6x8 end connector adapters.

Threaded Ends

2-1/2	4521-025 544.77	4531-025 580.20	1	0	605
3	4521-030 697.74	4531-030 782.64	1	0	605
4	4521-040 1021.88	4531-040 1076.62	1	0	605

PVC Industrial (continued)

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
------	------	-----	--------	---------	-----------

Threaded Ends

6	4521-060 2009.49	4531-060 2227.07	1	0	558
---	---------------------	---------------------	---	---	-----

SR Threaded Ends

1/2	4521-005SR 70.61	4531-005SR 79.36	1	18	604
3/4	4521-007SR 85.86	4531-007SR 90.44	1	18	604
1	4521-010SR 101.45	4531-010SR 112.73	1	18	604
1-1/4	4521-012SR 149.96	4531-012SR 167.45	1	12	604
1-1/2	4521-015SR 175.32	4531-015SR 193.39	1	8	604
2	4521-020SR 236.29	4531-020SR 261.47	1	8	604
2-1/2	4521-025SR 574.45	4531-025SR 609.92	1	0	605
3	4521-030SR 712.25	4531-030SR 609.92	1	0	605
4	4521-040SR 1056.54	4531-040SR 1111.31	1	0	605
6	4521-060SR 2066.86	4531-060SR 2286.37	1	0	558

Spigot Ends

1/2	4527-005 69.20	4537-005 77.98	1	18	604
3/4	4527-007 82.51	4537-007 87.08	1	18	604
1	4527-010 98.14	4537-010 109.39	1	12	604
1-1/4	4527-012 143.31	4537-012 160.83	1	12	604
1-1/2	4527-015 164.59	4537-015 182.66	1	8	604
2	4527-020 224.69	4537-020 249.85	1	8	604
2-1/2	4527-025 544.77	4537-025 580.20	1	0	605
3	4527-030 616.85	4537-030 778.86	1	0	605
4	4527-040 1021.88	4537-040 1076.62	1	0	605
6	4527-060 2009.49	4537-060 2227.07	1	0	558

Flanged Ends

1/2	4523-005 97.55	4533-005 122.45	1	8	604
3/4	4523-007 117.99	4533-007 146.83	5	0	604
1	4523-010 139.85	4533-010 170.86	1	8	604
1-1/4	4523-012 172.96	4533-012 223.60	2	0	604
1-1/2	4523-015 238.67	4533-015 259.40	3	0	604
2	4523-020 336.85	4533-020 344.83	1	0	604

Valves Product
True Union 2000 Industrial Ball Check Valves



True Union 2000 Industrial Ball Check Valves

PVC Industrial (continued)

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
Flanged Ends					
2-1/2	4523-025 697.82	4533-025 812.63	1	0	605
3	4523-030 976.14	4533-030 1135.08	1	0	605
4	4523-040 1321.27	4533-040 1533.65	1	0	605
6	4523-060 3164.58	4533-060 3670.91	1	0	558
8	4523-080 4109.83	4533-080 4777.27	1	0	558

8" Venturied valves are 6" ball check valves fitted with 6x8 end connector adapters.

CPVC Industrial

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
Socket & Threaded Ends					
1/2	4529-005C 102.28	4539-005C 113.86	1	18	606
3/4	4529-007C 122.41	4539-007C 136.04	1	18	606
1	4529-010C 144.44	4539-010C 160.47	1	18	606
1-1/4	4529-012C 248.78	4539-012C 276.17	1	12	606
1-1/2	4529-015C 248.78	4539-015C 276.17	1	8	606
2	4529-020C 332.27	4539-020C 370.24	1	8	606

Socket Ends

2-1/2	4522-025C 696.29	4532-025C 773.63	1	0	607
3	4522-030C 925.06	4532-030C 1007.56	1	0	607
4	4522-040C 1527.97	4532-040C 1698.81	1	0	607
6	4522-060C 3154.66	4532-060C 3504.73	1	0	559
8	4522-080C 3711.39	4532-080C 4671.67	1	0	559

8" Venturied valves are 6" ball check valves fitted with 6x8 end connector adapters.

Threaded Ends

2-1/2	4521-025C 696.29	4531-025C 773.63	1	0	607
3	4521-030C 922.32	4531-030C 1033.48	1	0	607
4	4521-040C 1527.97	4531-040C 1698.81	1	0	607
6	4521-060C 3154.66	4531-060C 3504.73	1	0	559

SR Threaded Ends

1/2	4521-005CSR 103.64	4531-005CSR 115.24	1	18	606
-----	-----------------------	-----------------------	---	----	-----

CPVC Industrial (continued)

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
SR Threaded Ends					
3/4	4521-007CSR 125.77	4531-007CSR 139.36	1	18	606
1	4521-010CSR 147.76	4531-010CSR 163.81	1	18	606
1-1/4	4521-012CSR 255.41	4531-012CSR 286.91	1	12	606
1-1/2	4521-015CSR 255.41	4531-015CSR 286.91	1	8	606
2	4521-020CSR 343.91	4531-020CSR 381.85	1	8	606
2-1/2	4521-025CSR 726.38	4531-025CSR 803.34	1	0	607
3	4521-030CSR 726.38	4531-030CSR 1082.55	1	0	607
4	4521-040CSR 1562.61	4531-040CSR 1733.48	1	0	607
6	4521-060CSR 3239.73	4531-060CSR 3589.81	1	0	559

Spigot Ends

1/2	4527-005C 102.28	4537-005C 113.86	1	18	606
3/4	4527-007C 122.41	4537-007C 136.04	1	18	606
1	4527-010C 144.44	4537-010C 160.47	1	12	606
1-1/4	4527-012C 248.78	4537-012C 276.17	1	12	606
1-1/2	4527-015C 282.49	4537-015C 276.17	1	8	606
2	4527-020C 332.27	4537-020C 370.24	1	8	606
2-1/2	4527-025C 696.29	4537-025C 773.63	1	0	607
3	4527-030C 904.84	4537-030C 1001.80	1	0	607
4	4527-040C 1527.97	4537-040C 1698.81	1	0	607
6	4527-060C 3154.66	4537-060C 3504.73	1	0	559

Flanged Ends

1/2	4523-005C 126.99	4533-005C 158.69	1	8	606
3/4	4523-007C 151.53	4533-007C 191.79	1	8	606
1	4523-010C 180.92	4533-010C 223.03	1	8	606
1-1/4	4523-012C 305.15	4533-012C 378.37	1	8	606
1-1/2	4523-015C 326.02	4533-015C 407.37	1	4	606
2	4523-020C 576.44	4533-020C 618.01	1	0	606
2-1/2	4523-025C 1044.39	4533-025C 1129.91	1	0	607
3	4523-030C 1166.15	4533-030C 1279.35	1	0	607



Valves Product

True Union 2000 Industrial Ball Check Valves & True Union Ball Check Valves (Regular Style)

True Union 2000 Industrial Ball Check Valves

CPVC Industrial (continued)

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
------	------	-----	--------	---------	-----------

Flanged Ends

4	4523-040C 1929.35	4533-040C 2071.77	1	0	607
6	4523-060C 5144.40	4533-060C 5348.13	1	0	559
8	4523-080C 5921.69	4533-080C 6443.49	1	0	559

8" Venturied valves are 6" ball check valves fitted with 6x8 end connector adapters.

True Union Ball Check Valves (Regular Style)



Socket/Threaded Style

Pressure Rating @ 73°F (23°C), Water
 1/2" - 2" 235 psi
 2-1/2" - 6" 150 psi
 Flanged 150 psi

Maximum Service Temperature
 PVC = 140°F (60°C)
 CPVC = 200°F (93°C)

Temperature/Pressure De-ratings Apply
 Rated for Vacuum Service

All Valves assembled with Silicone-Free, Water Soluble Lubricant

6" Venturied Valves are 4" Ball Check Valves equipped with 4x6 End Connectors.

General Installation Information:

Ball check valves may be installed in either horizontal or vertical position. A minimum of ten (10) pipe diameters' distance maintained from any pump or other source of turbulence. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of flow.

PVC

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
------	------	-----	--------	---------	-----------

Socket & Threaded Ends

1/2	2229-005 75.73	2239-005 85.32	1	18	220
3/4	2229-007 90.27	2239-007 95.31	1	12	220
1	2229-010 107.35	2239-010 119.67	1	8	220
1-1/4	2229-012 156.80	2239-012 175.96	1	8	220
1-1/2	2229-015 180.07	2239-015 199.85	1	8	220
2	2229-020 245.84	2239-020 273.38	1	4	220

Socket Ends

2-1/2	2222-025 596.02	2232-025 634.78	1	0	220
3	2222-030 720.02	2232-030 836.68	1	0	220
4	2222-040 1118.04	2232-040 1177.97	1	0	220

Socket Venturied Ends

6 VENTURIED	2222-060 1510.46	2232-060 1710.94	1	0	221
-------------	---------------------	---------------------	---	---	-----

Threaded Ends

2-1/2	2221-025 596.02	2231-025 634.78	1	0	220
3	2221-030 720.02	2231-030 836.68	1	0	220
4	2221-040 1118.04	2231-040 1177.97	1	0	220

Flanged Ends

1/2	2223-005 106.76	2233-005 133.99	6	0	220
3/4	2223-007 129.09	2233-007 160.65	5	0	220
1	2223-010 153.01	2233-010 186.95	5	0	220
1-1/4	2223-012 189.25	2233-012 244.64	2	0	220
1-1/2	2223-015 261.11	2233-015 283.84	3	0	220
2	2223-020 368.56	2233-020 377.31	2	0	220
2-1/2	2223-025 763.49	2233-025 889.13	1	0	220
3	2223-030 1067.98	2233-030 1241.91	1	0	220
4	2223-040 1445.63	2233-040 1677.98	1	0	220

Flanged Venturied Ends

6 VENTURIED	2223-060 1809.21	2233-060 2018.59	1	0	221
-------------	---------------------	---------------------	---	---	-----