

Valves Product
Industrial Swing Check Valves



Industrial Swing Check Valves



Threaded Bonnet on Sizes 3/4", 1" & 1-1/4" **Bolted Bonnet on Sizes 1-1/2" & Up**
(Valve Shown with Arrow Indicator Option)

Pressure Rating @ 73°F (23°C), Water
3/4" - 4" 150 psi
6" 100 psi
8" 70 psi

Maximum Service Temperature
PVC = 140°F (60°C)
CPVC = 200°F (93°C)
PP = 180°F (82°C)

Temperature/Pressure De-ratings Apply

All Valves Assembled with Silicone-Free Lubricants

General Installation Information: Swing check valves are designed for horizontal installations, but may be installed in up-flow only vertical position. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of the flow. Do not install valve upside down. Flow velocity should not exceed 5 ft./sec.

Industrial Swing Check Valves

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
PVC					
3/4	4423-007 542.79	4433-007 574.15	1	12	108
1	4423-010 625.52	4433-010 681.69	1	4	108
1-1/4	4423-012 782.45	4433-012 827.87	1	0	108
1-1/2	4423-015 857.77	4433-015 958.31	1	0	108
2	4423-020 987.52	4433-020 1097.26	1	0	108
2-1/2	4423-025 1652.68	4433-025 1949.67	1	0	110
3	4423-030 1848.28	4433-030 2422.08	1	0	110
4	4423-040 2355.80	4433-040 2765.92	1	0	110
6	4423-060 4477.18	4433-060 5255.02	1	0	110

Industrial Swing Check Valves (continued)

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
PVC					
8	4423-080 8578.55	4433-080 10027.19	1	0	110
CPVC					
3/4	4423-007C 857.63	4433-007C 953.05	1	12	109
1	4423-010C 988.96	4433-010C 1099.64	1	4	109
1-1/4	4423-012C 1237.09	4433-012C 1373.92	1	0	109
1-1/2	4423-015C 1276.33	4433-015C 1734.64	1	0	109
2	4423-020C 1645.86	4433-020C 1828.72	1	0	109
2-1/2	4423-025C 2727.52	4433-025C 3236.66	1	0	111
3	4423-030C 3407.04	4433-030C 3665.95	1	0	111
4	4423-040C 3909.45	4433-040C 4610.53	1	0	111
6	4423-060C 8000.73	4433-060C 8762.43	1	0	111
8	4423-080C 14276.06	4433-080C 16694.46	1	0	111
PP					
3/4	4423-007P 624.15	4433-007P 693.47	1	12	113
1	4423-010P 746.67	4433-010P 813.78	1	4	113
1-1/4	4423-012P 894.91	4433-012P 994.25	1	0	113
1-1/2	4423-015P 1111.11	4433-015P 1209.04	1	0	113
2	4423-020P 1187.98	4433-020P 1334.80	1	0	113
2-1/2	4423-025P 1977.98	4433-025P 2200.20	1	0	112
3	4423-030P 2079.48	4433-030P 2486.60	1	0	112
4	4423-040P 2828.55	4433-040P 3139.66	1	0	112
6	4423-060P 5358.08	4433-060P 5958.13	1	0	112
8	4423-080P 10256.16	4433-080P 11270.55	1	0	112

Swing Check Valve With Arrow Indicator

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
PVC					
3/4	4423I-007 551.72	4433I-007 583.09	1	12	108
1	4423I-010 634.43	4433I-010 710.27	1	4	108
1-1/4	4423I-012 810.22	4433I-012 890.35	1	0	108
1-1/2	4423I-015 939.63	4433I-015 1026.59	1	0	108



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Swing Check Valve With Arrow Indicator (continued)

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
PVC					
2	4423I-020 1017.39	4433I-020 1110.54	1	0	108
2-1/2	4423I-025 1662.11	4433I-025 1849.05	1	0	110
3	4423I-030 1935.67	4433I-030 1849.05	1	0	110
4	4423I-040 2365.36	4433I-040 2811.04	1	0	110
6	4423I-060 4486.53	4433I-060 5298.31	1	0	110
8	4423I-080 8714.91	4433I-080 10078.43	1	0	110

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
CPVC					
3/4	4423I-007C 867.11	4433I-007C 961.94	1	12	109
1	4423I-010C 997.88	4433I-010C 1110.35	1	4	109
1-1/4	4423I-012C 1231.12	4433I-012C 1386.41	1	0	109
1-1/2	4423I-015C 1416.00	4433I-015C 1755.92	1	0	109
2	4423I-020C 1658.73	4433I-020C 1876.52	1	0	109
2-1/2	4423I-025C 2736.79	4433I-025C 3282.45	1	0	111
3	4423I-030C 2937.14	4433I-030C 3819.11	1	0	111
4	4423I-040C 3935.48	4433I-040C 4637.77	1	0	111
6	4423I-060C 8119.54	4433I-060C 8771.92	1	0	111
8	4423I-080C 14291.40	4433I-080C 16747.24	1	0	111

Industrial Swing Check Valve With Arrow Indicator

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
PP					
3/4	4423I-007P 633.06	4433I-007P 702.40	1	12	113
1	4423I-010P 759.16	4433I-010P 876.25	1	4	113
1-1/4	4423I-012P 975.22	4433I-012P 1082.54	1	0	113
1-1/2	4423I-015P 1253.65	4433I-015P 1082.54	1	0	113
2	4423I-020P 1220.77	4433I-020P 1384.33	1	0	113
2-1/2	4423I-025P 1989.48	4433I-025P 2229.56	1	0	112
3	4423I-030P 2479.48	4433I-030P 2587.95	1	0	112
4	4423I-040P 2840.05	4433I-040P 3151.22	1	0	112
6	4423I-060P 5473.73	4433I-060P 6008.35	1	0	112

Industrial Swing Check Valve With Arrow Indicator (continued)

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
PP					
8	4423I-080P 10332.55	4433I-080P 11384.46	1	0	112

Contact Spears® for MSRP on Additional Specialty Valve Accessories Available:

- Arrow Indicator Kits for Field Installation
- Counter Balance Kits for Field Installation

Swing Check Valve With Counter Balance

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
PVC					
3/4	4423CB-007 858.57	4433CB-007 918.87	1	8	108
1	4423CB-010 960.43	4433CB-010 1028.77	1	4	108
1-1/4	4423CB-012 1160.09	4433CB-012 1205.95	1	0	108
1-1/2	4423CB-015 1244.68	4433CB-015 1453.72	1	0	108
2	4423CB-020 1373.27	4433CB-020 1662.24	1	0	108
2-1/2	4423CB-025 2066.46	4433CB-025 2362.75	1	0	110
3	4423CB-030 2327.18	4433CB-030 2685.08	1	0	110
4	4423CB-040 2788.47	4433CB-040 3198.57	1	0	110
6	4423CB-060 4971.82	4433CB-060 4971.82	1	0	110
8	4423CB-080 9968.21	4433CB-080 10512.37	1	0	110

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
CPVC					
3/4	4423CB-007C 1331.12	4433CB-007C 1451.08	1	12	109
1	4423CB-010C 1444.28	4433CB-010C 1569.74	1	4	109
1-1/4	4423CB-012C 1231.12	4433CB-012C 1691.04	1	0	109
1-1/2	4423CB-015C 1691.04	4433CB-015C 1955.54	1	0	109
2	4423CB-020C 2197.95	4433CB-020C 2380.85	1	0	109
2-1/2	4423CB-025C 3317.65	4433CB-025C 3826.91	1	0	111
3	4423CB-030C 3591.60	4433CB-030C 4758.20	1	0	111
4	4423CB-040C 4444.05	4433CB-040C 5228.61	1	0	111
6	4423CB-060C 8707.38	4433CB-060C 9469.03	1	0	111
8	4423CB-080C 14995.01	4433CB-080C 17413.25	1	0	111



Industrial Swing Check Valves

Industrial Swing Check Valve With Counter Balance

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
PP					
3/4	4423CB-007P 798.91	4433CB-007P 887.65	1	12	113
1	4423CB-010P 955.72	4433CB-010P 1041.62	1	4	113
1-1/4	4423CB-012P 975.22	4433CB-012P 1500.67	1	0	113
1-1/2	4423CB-015P 1378.47	4433CB-015P 1850.96	1	0	113
2	4423CB-020P 1484.98	4433CB-020P 1668.49	1	0	113
2-1/2	4423CB-025P 2292.57	4433CB-025P 2816.25	1	0	112
3	4423CB-030P 2789.39	4433CB-030P 3489.95	1	0	112
4	4423CB-040P 3194.26	4433CB-040P 3509.14	1	0	112
6	4423CB-060P 5943.00	4433CB-060P 7626.39	1	0	112
8	4423CB-080P 10849.49	4433CB-080P 11863.92	1	0	112

Industrial Swing Check Valve Accessory and Repair Kits

Repair Kits include:

- 1-Bonnet O-ring
- 1-Disc O-ring
- 1-Seat O-ring

- 1-Plug O-ring
- 1-Arm Plug O-ring

Industrial Swing Check Valve Repair Kits

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
3/4	SK-ERK-007 29.13	SK-VRK-007 35.52	1	10	299
1	SK-ERK-010 38.05	SK-VRK-010 46.40	1	10	299
1-1/2 & 1-1/4	SK-ERK-015 90.98	SK-VRK-015 115.06	1	10	299
2	SK-ERK-020 97.67	SK-VRK-020 119.09	1	10	299
2-1/2	SK-ERK-025 103.29	SK-VRK-025 132.20	1	10	299
3	SK-ERK-030 117.11	SK-VRK-030 142.91	1	10	299
4	SK-ERK-040 127.78	SK-VRK-040 155.81	1	10	299
6	SK-ERK-060 253.96	SK-VRK-060 299.80	1	10	299
8	SK-ERK-080 319.55	SK-VRK-080 387.66	1	10	299

Utility Swing Check Valves



Pressure Rating @ 73°F (23°C), Water

1/2" - 4" Full Flow (open)	150 psi
Back Pressure (closed)	75 psi
6" - 8" Full Flow (open)	100 psi
Back Pressure (closed)	50 psi

Maximum Service Temperature
140°F (60°C)

Temperature/Pressure De-ratings
Apply
EPDM Seat

General Installation Information: Swing check valves are designed for horizontal installations, but may be installed in an up-flow only vertical position. Check valves **MUST** be installed with the valve's FLOW arrow pointing in the direction of the flow. Do not install valve upside down. Flow velocity should not exceed 5 ft./sec. Minimum opening pressure less than 0.5 psi.

PVC White Swing Check

Size	Socket	Thread	SR Threaded	Std Pk	Mstr Pk	Prod Code
1/2	S1520-05 18.48	S1520-05F 18.48	S1520-05FSR 21.56	35	0	026
3/4	S1520-07 19.08	S1520-07F 19.08	S1520-07FSR 23.46	35	0	026
1	S1520-10 19.87	S1520-10F 19.87	S1520-10FSR 25.98	20	0	026
1-1/4	S1520-12 20.64	S1520-12F 20.64	S1520-12FSR 30.45	12	0	026
1-1/2	S1520-15 21.88	S1520-15F 21.88	S1520-15FSR 38.62	12	0	026
2	S1520-20 33.96	S1520-20F 33.96	S1520-20FSR 52.14	15	0	026
2-1/2	S1520-25 56.49	S1520-25F 56.49	S1520-25FSR 74.67	5	0	026
3	S1520-30 62.78	S1520-30F 62.78	S1520-30FSR 111.35	4	0	026
4	S1520-40 88.88	S1520-40F 88.88	S1520-40FSR 139.21	2	0	026
6	S1520-60 186.77	S1520-60F 186.77	S1520-60FSR 246.35	1	0	026
8	S1520-80 346.96	---	---	1	0	026

PVC Clear Swing Check

Size	Socket	Thread	SR Threaded	Std Pk	Mstr Pk	Prod Code
1/2	S1520C05 25.13	S1520C05F 25.13	S1520C05FSR 28.20	35	0	026
3/4	S1520C07 25.63	S1520C07F 25.63	S1520C07FSR 30.05	35	0	026
1	S1520C10 26.12	S1520C10F 26.12	S1520C10FSR 32.23	20	0	026
1-1/4	S1520C12 27.42	S1520C12F 27.42	S1520C12FSR 37.20	12	0	026
1-1/2	S1520C15 29.80	S1520C15F 29.80	S1520C15FSR 46.57	12	0	026
2	S1520C20 42.91	S1520C20F 42.91	S1520C20FSR 61.07	15	0	026