

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	4423-007 571.36	4433-007 604.37	1	12	108
1	4423-010 658.44	4433-010 717.57	1	4	108
1-1/4	4423-012 823.63	4433-012 871.44	1	0	108
1-1/2	4423-015 902.92	4433-015 1008.75	1	0	108
2	4423-020 1039.49	4433-020 1155.01	1	0	108
2-1/2	4423-025 1739.66	4433-025 2052.28	1	0	110
3	4423-030 1945.56	4433-030 2549.56	1	0	110
4	4423-040 2479.79	4433-040 2911.49	1	0	110
6	4423-060 4712.82	4433-060 5531.60	1	0	110

Industrial Swing Check Valves (continued)

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
PVC					
8	4423-080 9030.05	4433-080 10554.94	1	0	110
CPVC					
3/4	4423-007C 902.77	4433-007C 1003.21	1	12	109
1	4423-010C 1041.01	4433-010C 1157.52	1	4	109
1-1/4	4423-012C 1302.20	4433-012C 1446.23	1	0	109
1-1/2	4423-015C 1343.51	4433-015C 1825.94	1	0	109
2	4423-020C 1732.48	4433-020C 1924.97	1	0	109
2-1/2	4423-025C 2871.07	4433-025C 3407.01	1	0	111
3	4423-030C 3586.36	4433-030C 3858.89	1	0	111
4	4423-040C 4115.21	4433-040C 4853.19	1	0	111
6	4423-060C 8421.82	4433-060C 9223.61	1	0	111
8	4423-080C 15027.43	4433-080C 17573.12	1	0	111

PP

3/4	4423-007P 657.00	4433-007P 729.97	1	12	113
1	4423-010P 785.97	4433-010P 856.61	1	4	113
1-1/4	4423-012P 942.01	4433-012P 1046.58	1	0	113
1-1/2	4423-015P 1169.59	4433-015P 1272.67	1	0	113
2	4423-020P 1250.51	4433-020P 1405.05	1	0	113
2-1/2	4423-025P 2082.08	4433-025P 2316.00	1	0	112
3	4423-030P 2188.93	4433-030P 2617.47	1	0	112
4	4423-040P 2977.42	4433-040P 3304.91	1	0	112
6	4423-060P 5640.08	4433-060P 6271.72	1	0	112
8	4423-080P 10795.96	4433-080P 11863.74	1	0	112

Swing Check Valve With Arrow Indicator

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
PVC					
3/4	4423I-007 580.76	4433I-007 613.78	1	12	108
1	4423I-010 667.82	4433I-010 747.65	1	4	108
1-1/4	4423I-012 852.86	4433I-012 937.21	1	0	108
1-1/2	4423I-015 989.08	4433I-015 1080.62	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 1070.94	4433I-020 1168.99	1	0	108
2-1/2	4423I-025 1749.59	4433I-025 1946.37	1	0	110
3	4423I-030 2037.55	4433I-030 1946.37	1	0	110
4	4423I-040 2489.85	4433I-040 2958.99	1	0	110
6	4423I-060 4722.66	4433I-060 5577.17	1	0	110
8	4423I-080 9173.59	4433I-080 10608.87	1	0	110

CPVC

3/4	4423I-007C 912.75	4433I-007C 1012.57	1	12	109
1	4423I-010C 1050.40	4433I-010C 1168.79	1	4	109
1-1/4	4423I-012C 1295.92	4433I-012C 1459.38	1	0	109
1-1/2	4423I-015C 1490.53	4433I-015C 1848.34	1	0	109
2	4423I-020C 1746.03	4433I-020C 1975.28	1	0	109
2-1/2	4423I-025C 2880.83	4433I-025C 3455.21	1	0	111
3	4423I-030C 3091.73	4433I-030C 4020.12	1	0	111
4	4423I-040C 4142.61	4433I-040C 4881.86	1	0	111
6	4423I-060C 8546.88	4433I-060C 9233.60	1	0	111
8	4423I-080C 15043.58	4433I-080C 17628.67	1	0	111

Industrial Swing Check Valve With Arrow Indicator

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
PP					
3/4	4423I-007P 666.38	4433I-007P 739.37	1	12	113
1	4423I-010P 799.12	4433I-010P 922.37	1	4	113
1-1/4	4423I-012P 1026.55	4433I-012P 1139.52	1	0	113
1-1/2	4423I-015P 1319.63	4433I-015P 1139.52	1	0	113
2	4423I-020P 1285.02	4433I-020P 1457.19	1	0	113
2-1/2	4423I-025P 2094.19	4433I-025P 2346.91	1	0	112
3	4423I-030P 2609.98	4433I-030P 2724.16	1	0	112
4	4423I-040P 2989.53	4433I-040P 3317.07	1	0	112
6	4423I-060P 5761.82	4433I-060P 6324.58	1	0	112

Industrial Swing Check Valve With Arrow Indicator (continued)

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
PP					
8	4423I-080P 10876.37	4433I-080P 11983.64	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-007 903.76	4433CB-007 967.23	1	8	108
1	4423CB-010 1010.98	4433CB-010 1082.92	1	4	108
1-1/4	4423CB-012 1221.15	4433CB-012 1269.42	1	0	108
1-1/2	4423CB-015 1310.19	4433CB-015 1530.23	1	0	108
2	4423CB-020 1445.55	4433CB-020 1749.73	1	0	108
2-1/2	4423CB-025 2175.22	4433CB-025 2487.11	1	0	110
3	4423CB-030 2449.66	4433CB-030 2826.40	1	0	110
4	4423CB-040 2935.23	4433CB-040 3366.92	1	0	110
6	4423CB-060 5233.49	4433CB-060 5233.49	1	0	110
8	4423CB-080 10492.85	4433CB-080 11065.65	1	0	110

CPVC

3/4	4423CB-007C 1401.18	4433CB-007C 1527.45	1	12	109
1	4423CB-010C 1520.29	4433CB-010C 1652.36	1	4	109
1-1/4	4423CB-012C 1295.92	4433CB-012C 1780.04	1	0	109
1-1/2	4423CB-015C 1780.04	4433CB-015C 2058.46	1	0	109
2	4423CB-020C 2313.63	4433CB-020C 2506.16	1	0	109
2-1/2	4423CB-025C 3492.26	4433CB-025C 4028.33	1	0	111
3	4423CB-030C 3780.63	4433CB-030C 5008.63	1	0	111
4	4423CB-040C 4677.95	4433CB-040C 5503.80	1	0	111
6	4423CB-060C 9165.66	4433CB-060C 9967.40	1	0	111
8	4423CB-080C 15784.22	4433CB-080C 18329.74	1	0	111



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Industrial Swing Check Valve With Counter Balance

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
PP					
3/4	4423CB-007P 840.96	4433CB-007P 934.37	1	12	113
1	4423CB-010P 1006.02	4433CB-010P 1096.44	1	4	113
1-1/4	4423CB-012P 1026.55	4433CB-012P 1579.65	1	0	113
1-1/2	4423CB-015P 1451.02	4433CB-015P 1948.38	1	0	113
2	4423CB-020P 1563.14	4433CB-020P 1756.31	1	0	113
2-1/2	4423CB-025P 2413.23	4433CB-025P 2964.47	1	0	112
3	4423CB-030P 2936.20	4433CB-030P 3673.63	1	0	112
4	4423CB-040P 3362.38	4433CB-040P 3693.83	1	0	112
6	4423CB-060P 6255.79	4433CB-060P 8027.78	1	0	112
8	4423CB-080P 11420.52	4433CB-080P 12488.34	1	0	112

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.

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 30.66	SK-VRK-007 37.39	1	10	299
1	SK-ERK-010 40.05	SK-VRK-010 48.84	1	10	299
1-1/2 & 1-1/4	SK-ERK-015 95.77	SK-VRK-015 121.12	1	10	299
2	SK-ERK-020 102.81	SK-VRK-020 125.36	1	10	299
2-1/2	SK-ERK-025 108.73	SK-VRK-025 139.16	1	10	299
3	SK-ERK-030 123.27	SK-VRK-030 150.43	1	10	299
4	SK-ERK-040 134.51	SK-VRK-040 164.01	1	10	299
6	SK-ERK-060 267.33	SK-VRK-060 315.58	1	10	299
8	SK-ERK-080 336.37	SK-VRK-080 408.06	1	10	299

PVC White Swing Check

Size	Socket	Thread	SR Threaded	Std Pk	Mstr Pk	Prod Code
1/2	S1520-05 19.45	S1520-05F 19.45	S1520-05FSR 22.69	35	0	026
3/4	S1520-07 20.08	S1520-07F 20.08	S1520-07FSR 24.69	35	0	026
1	S1520-10 20.92	S1520-10F 20.92	S1520-10FSR 27.35	20	0	026
1-1/4	S1520-12 21.73	S1520-12F 21.73	S1520-12FSR 32.05	12	0	026
1-1/2	S1520-15 23.03	S1520-15F 23.03	S1520-15FSR 40.65	12	0	026
2	S1520-20 35.75	S1520-20F 35.75	S1520-20FSR 54.88	15	0	026
2-1/2	S1520-25 59.46	S1520-25F 59.46	S1520-25FSR 78.60	5	0	026
3	S1520-30 66.08	S1520-30F 66.08	S1520-30FSR 117.21	4	0	026
4	S1520-40 93.56	S1520-40F 93.56	S1520-40FSR 146.54	2	0	026
6	S1520-60 196.60	S1520-60F 196.60	S1520-60FSR 259.32	1	0	026
8	S1520-80 365.22	---	---	1	0	026

PVC Clear Swing Check

Size	Socket	Thread	SR Threaded	Std Pk	Mstr Pk	Prod Code
1/2	S1520C05 26.45	S1520C05F 26.45	S1520C05FSR 29.68	35	0	026
3/4	S1520C07 26.98	S1520C07F 26.98	S1520C07FSR 31.63	35	0	026
1	S1520C10 27.49	S1520C10F 27.49	S1520C10FSR 33.93	20	0	026
1-1/4	S1520C12 28.86	S1520C12F 28.86	S1520C12FSR 39.16	12	0	026
1-1/2	S1520C15 31.37	S1520C15F 31.37	S1520C15FSR 49.02	12	0	026
2	S1520C20 45.17	S1520C20F 45.17	S1520C20FSR 64.28	15	0	026