

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	4423-007 601.43	4433-007 636.18	1	12	108
1	4423-010 693.09	4433-010 755.34	1	4	108
1-1/4	4423-012 866.98	4433-012 917.31	1	0	108
1-1/2	4423-015 950.44	4433-015 1061.84	1	0	108
2	4423-020 1094.20	4433-020 1215.80	1	0	108
2-1/2	4423-025 1831.22	4433-025 2160.29	1	0	110
3	4423-030 2047.96	4433-030 2683.75	1	0	110
4	4423-040 2610.31	4433-040 3064.73	1	0	110
6	4423-060 4960.86	4433-060 5822.74	1	0	110

Industrial Swing Check Valves (continued)

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
PVC					
8	4423-080 9505.32	4433-080 11110.46	1	0	110
CPVC					
3/4	4423-007C 950.28	4433-007C 1056.01	1	12	109
1	4423-010C 1095.80	4433-010C 1218.44	1	4	109
1-1/4	4423-012C 1370.74	4433-012C 1522.35	1	0	109
1-1/2	4423-015C 1414.22	4433-015C 1922.04	1	0	109
2	4423-020C 1823.66	4433-020C 2026.28	1	0	109
2-1/2	4423-025C 3022.18	4433-025C 3586.33	1	0	111
3	4423-030C 3775.12	4433-030C 4061.99	1	0	111
4	4423-040C 4331.80	4433-040C 5108.62	1	0	111
6	4423-060C 8865.07	4433-060C 9709.06	1	0	111
8	4423-080C 15818.35	4433-080C 18498.02	1	0	111
PP					
3/4	4423-007P 691.58	4433-007P 768.39	1	12	113
1	4423-010P 827.34	4433-010P 901.69	1	4	113
1-1/4	4423-012P 991.59	4433-012P 1101.66	1	0	113
1-1/2	4423-015P 1231.15	4433-015P 1339.65	1	0	113
2	4423-020P 1316.33	4433-020P 1479.00	1	0	113
2-1/2	4423-025P 2191.66	4433-025P 2437.89	1	0	112
3	4423-030P 2304.14	4433-030P 2755.23	1	0	112
4	4423-040P 3134.13	4433-040P 3478.85	1	0	112
6	4423-060P 5936.93	4433-060P 6601.81	1	0	112
8	4423-080P 11364.17	4433-080P 12488.15	1	0	112
Swing Check Valve With Arrow Indicator					
Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
PVC					
3/4	44231-007 611.33	44331-007 646.08	1	12	108
1	44231-010 702.97	44331-010 787.00	1	4	108
1-1/4	44231-012 897.75	44331-012 986.54	1	0	108
1-1/2	44231-015 1041.14	44331-015 1137.49	1	0	108



Valves Product
Industrial Swing Check Valves

Industrial Swing Check Valves

Swing Check Valve With Arrow Indicator (continued)

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
PVC					
2	4423I-020 1127.31	4433I-020 1230.52	1	0	108
2-1/2	4423I-025 1841.67	4433I-025 2048.81	1	0	110
3	4423I-030 2144.79	4433I-030 2048.81	1	0	110
4	4423I-040 2620.89	4433I-040 3114.73	1	0	110
6	4423I-060 4971.22	4433I-060 5870.71	1	0	110
8	4423I-080 9656.41	4433I-080 11167.23	1	0	110

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
CPVC					
3/4	4423I-007C 960.79	4433I-007C 1065.86	1	12	109
1	4423I-010C 1105.68	4433I-010C 1230.31	1	4	109
1-1/4	4423I-012C 1364.13	4433I-012C 1536.19	1	0	109
1-1/2	4423I-015C 1568.98	4433I-015C 1945.62	1	0	109
2	4423I-020C 1837.93	4433I-020C 2079.24	1	0	109
2-1/2	4423I-025C 3032.45	4433I-025C 3637.06	1	0	111
3	4423I-030C 3254.45	4433I-030C 4231.71	1	0	111
4	4423I-040C 4360.64	4433I-040C 5138.80	1	0	111
6	4423I-060C 8996.72	4433I-060C 9719.58	1	0	111
8	4423I-080C 15835.35	4433I-080C 18556.49	1	0	111

Industrial Swing Check Valve With Arrow Indicator

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
PP					
3/4	4423I-007P 701.45	4433I-007P 778.28	1	12	113
1	4423I-010P 841.18	4433I-010P 970.92	1	4	113
1-1/4	4423I-012P 1080.58	4433I-012P 1199.49	1	0	113
1-1/2	4423I-015P 1389.08	4433I-015P 1199.49	1	0	113
2	4423I-020P 1352.65	4433I-020P 1533.88	1	0	113
2-1/2	4423I-025P 2204.41	4433I-025P 2470.43	1	0	112
3	4423I-030P 2747.35	4433I-030P 2867.54	1	0	112
4	4423I-040P 3146.87	4433I-040P 3491.65	1	0	112
6	4423I-060P 6065.07	4433I-060P 6657.45	1	0	112

Industrial Swing Check Valve With Arrow Indicator (continued)

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
PP					
8	4423I-080P 11448.81	4433I-080P 12614.36	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-007 951.33	4433CB-007 1018.14	1	8	108
1	4423CB-010 1064.19	4433CB-010 1139.92	1	4	108
1-1/4	4423CB-012 1285.42	4433CB-012 1336.23	1	0	108
1-1/2	4423CB-015 1379.15	4433CB-015 1610.77	1	0	108
2	4423CB-020 1521.63	4433CB-020 1841.82	1	0	108
2-1/2	4423CB-025 2289.71	4433CB-025 2618.01	1	0	110
3	4423CB-030 2578.59	4433CB-030 2975.16	1	0	110
4	4423CB-040 3089.72	4433CB-040 3544.13	1	0	110
6	4423CB-060 5508.94	4433CB-060 5508.94	1	0	110
8	4423CB-080 11045.11	4433CB-080 11648.05	1	0	110

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
CPVC					
3/4	4423CB-007C 1474.93	4433CB-007C 1607.84	1	12	109
1	4423CB-010C 1600.31	4433CB-010C 1739.33	1	4	109
1-1/4	4423CB-012C 1364.13	4433CB-012C 1873.73	1	0	109
1-1/2	4423CB-015C 1873.73	4433CB-015C 2166.80	1	0	109
2	4423CB-020C 2435.40	4433CB-020C 2638.06	1	0	109
2-1/2	4423CB-025C 3676.06	4433CB-025C 4240.35	1	0	111
3	4423CB-030C 3979.61	4433CB-030C 5272.24	1	0	111
4	4423CB-040C 4924.16	4433CB-040C 5793.47	1	0	111
6	4423CB-060C 9648.06	4433CB-060C 10492.00	1	0	111
8	4423CB-080C 16614.97	4433CB-080C 19294.46	1	0	111

Valves Product

Industrial Swing Check Valves & Industrial Swing Check Valve Accessory and Repair Kits & Utility Swing Check Valves



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 885.22	4433CB-007P 983.55	1	12	113
1	4423CB-010P 1058.97	4433CB-010P 1154.15	1	4	113
1-1/4	4423CB-012P 1080.58	4433CB-012P 1662.79	1	0	113
1-1/2	4423CB-015P 1527.39	4433CB-015P 2050.93	1	0	113
2	4423CB-020P 1645.41	4433CB-020P 1848.75	1	0	113
2-1/2	4423CB-025P 2540.24	4433CB-025P 3120.49	1	0	112
3	4423CB-030P 3090.74	4433CB-030P 3866.98	1	0	112
4	4423CB-040P 3539.35	4433CB-040P 3888.24	1	0	112
6	4423CB-060P 6585.04	4433CB-060P 8450.29	1	0	112
8	4423CB-080P 12021.60	4433CB-080P 13145.62	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 32.27	SK-VRK-007 39.36	1	10	299
1	SK-ERK-010 42.16	SK-VRK-010 51.41	1	10	299
1-1/2 & 1-1/4	SK-ERK-015 100.81	SK-VRK-015 127.49	1	10	299
2	SK-ERK-020 108.22	SK-VRK-020 131.96	1	10	299
2-1/2	SK-ERK-025 114.45	SK-VRK-025 146.48	1	10	299
3	SK-ERK-030 129.76	SK-VRK-030 158.35	1	10	299
4	SK-ERK-040 141.59	SK-VRK-040 172.64	1	10	299
6	SK-ERK-060 281.40	SK-VRK-060 332.19	1	10	299
8	SK-ERK-080 354.07	SK-VRK-080 429.54	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 20.47	S1520-05F 20.47	S1520-05FSR 23.88	35	0	026
3/4	S1520-07 21.14	S1520-07F 21.14	S1520-07FSR 25.99	35	0	026
1	S1520-10 22.02	S1520-10F 22.02	S1520-10FSR 28.79	20	0	026
1-1/4	S1520-12 22.87	S1520-12F 22.87	S1520-12FSR 33.74	12	0	026
1-1/2	S1520-15 24.24	S1520-15F 24.24	S1520-15FSR 42.79	12	0	026
2	S1520-20 37.63	S1520-20F 37.63	S1520-20FSR 57.77	15	0	026
2-1/2	S1520-25 62.59	S1520-25F 62.59	S1520-25FSR 82.74	5	0	026
3	S1520-30 69.56	S1520-30F 69.56	S1520-30FSR 123.38	4	0	026
4	S1520-40 98.48	S1520-40F 98.48	S1520-40FSR 154.25	2	0	026
6	S1520-60 206.95	S1520-60F 206.95	S1520-60FSR 272.97	1	0	026
8	S1520-80 384.44	---	---	1	0	026

PVC Clear Swing Check

Size	Socket	Thread	SR Threaded	Std Pk	Mstr Pk	Prod Code
1/2	S1520C05 27.84	S1520C05F 27.84	S1520C05FSR 31.24	35	0	026
3/4	S1520C07 28.40	S1520C07F 28.40	S1520C07FSR 33.29	35	0	026
1	S1520C10 28.94	S1520C10F 28.94	S1520C10FSR 35.72	20	0	026
1-1/4	S1520C12 30.38	S1520C12F 30.38	S1520C12FSR 41.22	12	0	026
1-1/2	S1520C15 33.02	S1520C15F 33.02	S1520C15FSR 51.60	12	0	026
2	S1520C20 47.55	S1520C20F 47.55	S1520C20FSR 67.66	15	0	026