

**Polypropylene Product**  
**Needle Valves & Industrial Swing Check Valves**



**Needle Valves**



Pressure Rating @ 73°F (23°C), Water  
150 psi

Maximum Service Temperature  
PP = 180°F (82°C)  
Solid PTFE Stem Seals

No Elastomer or Lubricants used

Valves include Panel Mounting Nut

**Industrial Swing Check Valves**



**Threaded Bonnet on Sizes 3/4", 1" & 1-1/4"**

Pressure Rating @ 73°F (23°C), Water

3/4" - 4"	150 psi
6"	100 psi
8"	70 psi

Maximum Service Temperature  
PP = 180°F (82°C)

Temperature/Pressure De-ratings Apply

All Valves Assembled with Silicone-Free Lubricants



**Bolted Bonnet on Sizes 1-1/2" & Up**

**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.

**PP Needle Valve**

Size	Threaded	SR Threaded	Std Pk	Mstr Pk	Prod Code
<b>Globe Pattern</b>					
1/4	5591-002P 96.42	---	1	18	219
3/8	5591-003P 96.42	---	1	18	219
1/2	---	5591-005PSR 106.62	1	18	219
<b>Angle Pattern</b>					
1/4	5691-002P 96.42	---	1	18	219
3/8	5691-003P 96.42	---	1	18	219
1/2	---	5691-005PSR 106.62	1	18	219

**Industrial Swing Check Valves**

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
<b>PP</b>					
3/4	4423-007P 691.58	4433-007P 768.39	1	12	113



**Polypropylene Product**  
**Industrial Swing Check Valves & Polypropylene Butterfly Valves**

**Industrial Swing Check Valves**

Industrial Swing Check Valves (continued)

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
<b>PP</b>					
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

Industrial Swing Check Valve With Arrow Indicator

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
<b>PP</b>					
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
8	4423I-080P 11448.81	4433I-080P 12614.36	1	0	112

Industrial Swing Check Valve With Counter Balance

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
<b>PP</b>					
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

Industrial Swing Check Valve With Counter Balance (continued)

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
<b>PP</b>					
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

**Polypropylene Butterfly Valves**



Lever Handle Style

Pressure Rating @ 73°F (23°C), Water  
 1-1/2" - 12" 150 psi

Maximum Service Temperature  
 PP = 180°F (82°C)

Temperature/Pressure De-ratings Apply

See Butterfly Valve Accessories & Repair Kits Section for  
 Additional Options and Features

**PP Butterfly Valve w/Lever Handle**

Size	Buna-N	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
1-1/2	721311-015P 619.32	722311-015P 619.32	723311-015P 1286.57	1	0	256
2	721311-020P 625.57	722311-020P 625.57	723311-020P 1312.83	1	0	256
2-1/2	721311-025P 653.81	722311-025P 653.81	723311-025P 1335.22	1	0	256
3	721311-030P 667.63	722311-030P 667.63	723311-030P 1361.36	1	0	256
4	721311-040P 744.52	722311-040P 744.52	723311-040P 1699.86	1	0	256