

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
Globe Pattern					
1/4	5591-002P 82.67	---	1	18	219
3/8	5591-003P 82.67	---	1	18	219
1/2	---	5591-005PSR 91.42	1	18	219
Angle Pattern					
1/4	5691-002P 82.67	---	1	18	219
3/8	5691-003P 82.67	---	1	18	219
1/2	---	5691-005PSR 91.42	1	18	219

Industrial Swing Check Valves

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
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PP



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
PP					
3/4	4423-007P 592.94	4433-007P 658.80	1	12	113
1	4423-010P 709.34	4433-010P 773.09	1	4	113
1-1/4	4423-012P 850.16	4433-012P 944.54	1	0	113
1-1/2	4423-015P 1055.55	4433-015P 1148.59	1	0	113
2	4423-020P 1128.58	4433-020P 1268.06	1	0	113
2-1/2	4423-025P 1879.08	4433-025P 2090.19	1	0	112
3	4423-030P 1975.51	4433-030P 2362.27	1	0	112
4	4423-040P 2687.12	4433-040P 2982.68	1	0	112
6	4423-060P 5090.18	4433-060P 5660.22	1	0	112
8	4423-080P 9743.35	4433-080P 10707.02	1	0	112

Industrial Swing Check Valve With Arrow Indicator

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
PP					
3/4	4423I-007P 601.41	4433I-007P 667.28	1	12	113
1	4423I-010P 721.20	4433I-010P 832.44	1	4	113
1-1/4	4423I-012P 926.46	4433I-012P 1028.41	1	0	113
1-1/2	4423I-015P 1190.97	4433I-015P 1028.41	1	0	113
2	4423I-020P 1159.73	4433I-020P 1315.11	1	0	113
2-1/2	4423I-025P 1890.01	4433I-025P 2118.08	1	0	112
3	4423I-030P 2355.51	4433I-030P 2458.55	1	0	112
4	4423I-040P 2698.05	4433I-040P 2993.66	1	0	112
6	4423I-060P 5200.04	4433I-060P 5707.93	1	0	112
8	4423I-080P 9815.92	4433I-080P 10815.24	1	0	112

Industrial Swing Check Valve With Counter Balance

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
PP					
3/4	4423CB-007P 758.96	4433CB-007P 843.27	1	12	113
1	4423CB-010P 907.93	4433CB-010P 989.54	1	4	113
1-1/4	4423CB-012P 926.46	4433CB-012P 1425.64	1	0	113

Industrial Swing Check Valve With Counter Balance (continued)

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
PP					
1-1/2	4423CB-015P 1309.55	4433CB-015P 1758.41	1	0	113
2	4423CB-020P 1410.73	4433CB-020P 1585.07	1	0	113
2-1/2	4423CB-025P 2177.94	4433CB-025P 2675.44	1	0	112
3	4423CB-030P 2649.92	4433CB-030P 3315.45	1	0	112
4	4423CB-040P 3034.55	4433CB-040P 3333.68	1	0	112
6	4423CB-060P 5645.85	4433CB-060P 7245.07	1	0	112
8	4423CB-080P 10307.02	4433CB-080P 11270.72	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 530.98	722311-015P 530.98	723311-015P 1103.07	1	0	256
2	721311-020P 536.35	722311-020P 536.35	723311-020P 1125.59	1	0	256
2-1/2	721311-025P 560.56	722311-025P 560.56	723311-025P 1144.79	1	0	256
3	721311-030P 572.41	722311-030P 572.41	723311-030P 1167.20	1	0	256