



Valves Product
Butterfly Check Valves

Butterfly Check Valves



Pressure Rating @ 73°F (23°C), Water
 2" - 8" 150 psi
 10" - 14" 100 psi
 16" 70 psi
 18" - 24" 50 psi

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

Temperature/Pressure De-ratings Apply

General Installation Information: Butterfly Check Valve seating may be affected by normal system turbulence. Flow velocities should be limited to approximately 5 feet per second. Valves should be installed at least 5 pipe diameters away from any fitting, pump or other source of turbulence. If used as a foot valve, do not place near bottom of a tank. Butterfly type check valves should not be used in continuous cycling applications, such as with reciprocating pumps. This can result in premature failure of sealing membrane. In horizontal installations, always orient the Hinge Post Bolts visible on the external body in a vertical (top and bottom) position, perpendicular to flow. In vertical installations downstream from an elbow, flow velocities can be higher on the outer radius of the elbow. To avoid uneven butterfly plate loading, the Hinge Post Bolts should align with crotch and outer radius of elbow and NOT from side to side of the elbow.

PVC

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
Wafer					
2	5420-020 449.15	5430-020 494.92	1	18	289
2-1/2	5420-025 618.97	5430-025 682.14	1	0	289

PVC (continued)

Size	EPDM	FKM	Std Pk	Mstr Pk	Prod Code
Wafer					
3	5420-030 791.76	5430-030 872.48	1	8	289
4	5420-040 1076.77	5430-040 1186.60	1	4	289
6	5420-060 1632.43	5430-060 1798.94	1	0	289
8	5420-080 2769.65	5430-080 3052.15	1	0	289
10	5420-100 5092.65	5430-100 5652.82	1	0	289
12	5420-120 7180.57	5430-120 7970.45	1	0	289
14	5420-140 8072.15	---	1	0	289
16	5420-160 11086.52	---	1	0	289
18	5420-180 17804.17	---	1	0	289
20	5420-200 22255.20	---	1	0	289
24	5420-240 31790.93	---	1	0	289

Flanged Ends

2	5423-020 572.91	5433-020 616.12	1	8	289
2-1/2	5423-025 745.67	5433-025 811.92	1	0	289
3	5423-030 1071.02	5433-030 1177.54	1	0	289
4	5423-040 1390.59	5433-040 1551.79	1	0	289
6	5423-060 2254.31	5433-060 2579.64	1	0	289
8	5423-080 3230.29	5433-080 3811.86	1	0	289
10	5423-100 5948.15	5433-100 6783.06	1	0	289
12	5423-120 8427.00	5433-120 8964.40	1	0	289
14	5423-140 11882.07	5433-140 12639.74	4	0	289
16	5423-160 16724.03	5433-160 18056.75	1	0	289
18	5423-180 21366.88	5433-180 22855.39	1	0	289
20	5423-200 28083.27	5433-200 30072.87	1	0	289
24	5423-240 36783.76	5433-240 39567.59	1	0	289

Spigot (Plain End)

2	5427-020 244.72	5437-020 287.91	1	12	289
2-1/2	5427-025 336.85	5437-025 403.09	1	12	289
3	5427-030 452.01	5437-030 558.53	1	8	289