



## Carbon Steel Butterfly Valves

- Max. pressure: 285 psi
- Temp. range: -20° to 400°F
- Max. steam rating: 150 psi
- RPTFE liner material
- 316 stainless steel disc material

Use in throttling and positive shutoff applications, with hot water, cold water, and steam. A redundant seal prevents seat from being drawn into the flow stream, especially under high-velocity conditions. Bidirectional, with double dead-end service. Mount in any position. Stainless steel spring. Meet MSS SP-68, ANSI B16.34, and API 609.

Pipe Size	Bolt Circle Dia.	Lug Dia.	No. of Bolt Holes	Lug Item No.	Wafer Item No.
<b>Gear Operated Handle</b>					
2 1/2 in	5 1/2 in	5/8-11	4	4GAL7	—
5 in	8 1/2 in	3/4-10	8	4GAM1	—
<b>Lever Handle</b>					
3 in	6 in	5/8-11	4	4GAL8	4GAM7
4 in	7 1/2 in	5/8-11	4	—	4GAM8
4 in	7 1/2 in	5/8-11	8	4GAL9	—
6 in	9 1/2 in	3/4-10	8	4GAM2	4GAM9

## PVC Butterfly Valves—Type-57P

- Max. water pressure: 150 psi
- Temp. range: 30° to 175°F
- EPDM liner material
- Polypropylene disc material
- Wafer style

Feature a PVC body and polypropylene disc for high chemical resistance and non-wetted 316 stainless steel shaft for long life. The spherical disc design helps provide increased Cv, maximum sealing, and a high cycle life. Molded body stops and a seat stress relief area help prevent seat overtightening. Self gasketing, no additional gasket required. Meet ASTM D1784 Cell Class 12454A and NSF 61 Certified. Find Asahi Flange Gaskets at Grainger.com.



Pipe Size	Bolt Circle Dia.	No. of Bolt Holes	Handle Type	Gear Item No.	Lever Item No.
2 in	4 3/4 in	4	—	49FD21	—
2 1/2 in	5 1/2 in	4	—	49FD22	—
3 in	6 in	4	—	49FD23	—
4 in	7 1/2 in	8	—	49FD24	—
6 in	9 1/2 in	8	—	49FD25	—
8 in	11 3/4 in	8	—	49FD26	—
10 in	14 1/4 in	12	—	49FD19	—
12 in	17 in	12	—	49FD20	—

## PVC Butterfly Valves—BYCS Series

- Max. pressure: 150 psi
- Temp. range: 40° to 140°F
- EPDM liner material
- PVC disc material
- Wafer style

PVC construction, 1-pc. body. Fully supported flanged bolt holes help prevent stressing on mating flanges. Blowoutproof, 410 stainless steel stem and full body liner with integrally molded face seal eliminates need for additional gaskets. Lever handle with lockout.



Pipe Size	Bolt Circle Dia.	No. of Bolt Holes	Handle Type	Gear Item No.	Lever Item No.
2 in	4 3/4 in	4	—	26X021	26X014
2 1/2 in	5 1/2 in	4	—	26X022	26X015
3 in	6 in	4	—	—	26X016
3 in	6 in	4	—	26X023	—
4 in	7 1/2 in	8	—	26X024	26X017
5 in	8 1/2 in	8	—	—	26X018
6 in	9 1/2 in	8	—	26X026	26X019
8 in	11 3/4 in	8	—	26X027	26X020



## PVC and CPVC Butterfly Valves—BYV Series



- Max. water pressure: 150 psi
- Temp. range: 32° to 140°F (PVC Body); 32° to 190°F (CPVC Body)

Feature a 1-pc. body and 1-pc. 316 SS stem with threaded retaining gland. Optional 316 SS lugs can be molded into the body for added strength. Lever models have 19 lockable stop positions, and 360° Interlock with Cv and percentage open indicators. For a complete list of standards and specifications, go to Grainger.com and search for individual products. For glass-filled valves go to Grainger.com and search for glass filled polypropylene butterfly valves.

						Handle Type	
Pipe Size	Bolt Circle Dia.	Lug Dia.	No. of Bolt Holes	Disc Material*	Liner Material	Gear Item No.	Lever Item No.
Lug PVC Body							
2 in	4 3/4 in	3/4 in	4	GP	EPDM	36FP61	36FP63
		3/4 in	4	GP	FPM	36FP69	36FP71
		3/4 in	4	GP	Nitrile	36FP65	36FP67
		3/4 in	4	PVC	EPDM	36FN76	36FN78
2 1/2 in	5 1/2 in	3/4 in	4	PVC	FPM	36FN84	36FN86
		3/4 in	4	PVC	Nitrile	36FN80	36FN82
		3/4 in	4	GP	EPDM	36FP73	36FP75
		3/4 in	4	GP	FPM	36FP81	36FP83
3 in	6 in	3/4 in	4	GP	Nitrile	36FP77	36FP79
		3/4 in	4	PVC	EPDM	36FN88	36FN90
		3/4 in	4	PVC	FPM	36FN96	36FN98
		3/4 in	4	PVC	Nitrile	36FN92	36FN94
3 in	6 in	3/4 in	4	GP	EPDM	36FP85	36FP87
		3/4 in	4	GP	FPM	36FP93	36FP95
		3/4 in	4	GP	Nitrile	36FP89	36FP91
		3/4 in	4	PVC	EPDM	36FP01	36FP03
4 in	7 1/2 in	3/4 in	4	PVC	FPM	36FP09	36FP11
		3/4 in	4	PVC	Nitrile	36FP05	36FP07
		2 5/8 in	8	GP	EPDM	36FP97	36FP99
		2 5/8 in	8	GP	FPM	36FR06	36FR08
4 in	7 1/2 in	2 5/8 in	8	GP	Nitrile	36FR02	36FR04
		2 5/8 in	8	PVC	EPDM	36FP13	36FP15
		2 5/8 in	8	PVC	FPM	36FP21	36FP23
		2 5/8 in	8	PVC	Nitrile	36FP17	36FP19
CPVC Body							
2 in	4 3/4 in	3/4 in	4	CPVC	EPDM	36FR46	36FR48
		3/4 in	4	CPVC	FPM	36FR54	36FR56
		3/4 in	4	CPVC	Nitrile	36FR50	36FR52
		3/4 in	4	CPVC	EPDM	36FR58	36FR60
2 1/2 in	5 1/2 in	3/4 in	4	CPVC	FPM	36FR66	36FR68
		3/4 in	4	CPVC	Nitrile	36FR62	36FR64
		3/4 in	4	CPVC	EPDM	36FR70	36FR72
		3/4 in	4	CPVC	FPM	36FR78	36FR80
3 in	6 in	3/4 in	4	CPVC	Nitrile	36FR74	36FR76
		2 5/8 in	8	CPVC	EPDM	36FR82	36FR84
		2 5/8 in	8	CPVC	FPM	36FR90	36FR92
		2 5/8 in	8	CPVC	Nitrile	36FR86	36FR88

\*GP = glass-filled polypropylene.

Pipe Size	Bolt Circle Dia.	Lug Dia.	No. of Bolt Holes	Disc Material*	Liner Material	Handle Type	Gear Item No.	Lever Item No.
Wafer								
PVC Body								
2 in	4 3/4 in	3/4 in	4	GP	EPDM		36FP60	36FP62
		3/4 in	4	GP	FPM		36FP68	36FP70
		3/4 in	4	GP	Nitrile		36FP64	36FP66
		3/4 in	4	PVC	EPDM		36FN75	36FN77
		3/4 in	4	PVC	FPM		36FN83	36FN85
		3/4 in	4	PVC	Nitrile		36FN79	36FN81
2 1/2 in	5 1/2 in	3/4 in	4	GP	EPDM		36FP72	36FP74
		3/4 in	4	GP	FPM		36FP80	36FP82
		3/4 in	4	GP	Nitrile		36FP76	36FP78
		3/4 in	4	PVC	EPDM		36FN87	36FN89
		3/4 in	4	PVC	FPM		36FN95	36FN97
		3/4 in	4	PVC	Nitrile		36FN91	36FN93
3 in	6 in	3/4 in	4	GP	EPDM		36FP84	36FP86
		3/4 in	4	GP	FPM		36FP92	36FP94
		3/4 in	4	GP	Nitrile		36FP88	36FP90
		3/4 in	4	PVC	EPDM		36FN99	36FP02
		3/4 in	4	PVC	FPM		36FP08	36FP10
		3/4 in	4	PVC	Nitrile		36FP04	36FP06
4 in	7 1/2 in	2 5/8 in	8	GP	EPDM		36FP96	36FP98
		2 5/8 in	8	GP	FPM		36FR05	36FR07
		2 5/8 in	8	GP	Nitrile		36FR01	36FR03
		2 5/8 in	8	PVC	EPDM		36FP12	36FP14
		2 5/8 in	8	PVC	FPM		36FP20	36FP22
		2 5/8 in	8	PVC	Nitrile		36FP16	36FP18
CPVC Body								
2 in	4 3/4 in	3/4 in	4	CPVC	EPDM		36FR45	36FR47
		3/4 in	4	CPVC	FPM		36FR53	36FR55
		3/4 in	4	CPVC	Nitrile		36FR49	36FR51
		3/4 in	4	CPVC	EPDM		36FR57	36FR59
2 1/2 in	5 1/2 in	3/4 in	4	CPVC	FPM		36FR65	36FR67
		3/4 in	4	CPVC	Nitrile		36FR61	36FR63
		3/4 in	4	CPVC	EPDM		36FR69	36FR71
		3/4 in	4	CPVC	FPM		36FR77	36FR79
3 in	6 in	3/4 in	4	CPVC	Nitrile		36FR73	36FR75
		2 5/8 in	8	CPVC	EPDM		36FR81	36FR83
		2 5/8 in	8	CPVC	FPM		36FR89	36FR91
		2 5/8 in	8	CPVC	Nitrile		36FR85	36FR87