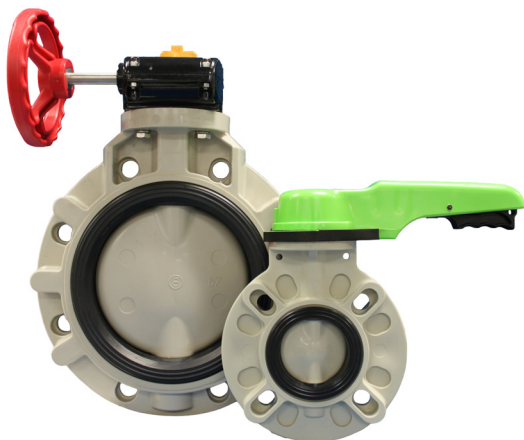


Introducing Type-57AT Butterfly Valve

Asahi/America Inc. introduces the Type-57AT butterfly valve for use with the Asahitec[™] PP-RCT piping system.



Specifications	
Sizes:	Lever: 1-1/2" – 8" Gear: 1-1/2" – 14"
Models:	Wafer and Lug Style
Operators:	Lever and Gear
Bodies:	PP
Discs:	PP
Seats:	EPDM
Seals:	EPDM
Stems:	316 Stainless Steel NSF-61 Certified

Standard Features (Sizes 1-1/2" – 14")

- Sizes through 1-1/2" through 10" meet pressure/temperature requirements from ASTM F2389
- 316SS Stem with full disc engagement, completely isolated from media
- Molded valve body tag holes
- Full seat design eliminates gaskets
- Seat overtightening prevention
- Highly visible 0° to 90° position indicator with 19 locking positions
- ISO 5211 F07 – F14 bolt circle on top flange for easy actuation
- Polypropylene stem retainer
- Spherical disc design for reduced pressure drop
- Light weight

Options

- Pneumatically and electrically actuated by Asahi/America
- 2" Square operating nuts, stem extensions, chainwheel operators
- Limit switches for electrical open/close position indication
- Lug style [316SS lugs] for blocking and end-of-line applications

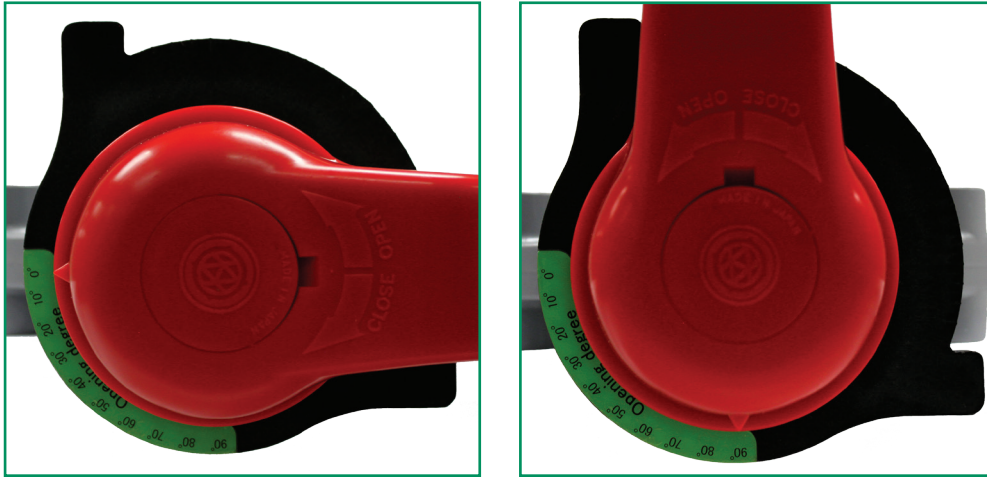


Pressure vs. Temperature (psi, water, non-shock)

Nominal Size	PP	
	-5°F 140°F	141°F 180°F
1-1/2"	160	100
2"	160	100
2-1/2"	160	100
3"	160	100
4"	160	100
6"	160	100
8"	160	100
10"	160	100
12"	100	100
14"	100	40

Wt. (lbs.)

Nominal Size	PP	
	Lever	Gear
1-1/2"	2.4	6.8
2"	2.6	7.3
2-1/2"	3	7.5
3"	3.5	8
4"	4.4	8.8
6"	10.1	13.7
8"	16.3	19.6
10"	-	27
12"	-	53
14"	-	58



Position Indication Closed - 0° to Open - 90° in 10° increments

Sample Specification

Butterfly valves shall be Type-57AT PP body with PP disc and EPDM seat and seals. The liner shall be full seat design fully molded around the body where as only the disc and seat are wetted parts, feature raised convex rings on the face and is intended to be utilized as the mating flange gaskets. Valve shall have a spherical disc design with disc bushings with double O-ring seals for a high cycle life and ultimate sealing.

Valve body shall have integral molded body stops and seat relief area to prevent over-tightening of the mating flanges from influencing valve operating torque. Valves shall accept flat faced flanges in accordance with ANSI B16.5 bolt pattern for 150 lb flanges. Valve stem shall be 316 SS, have PP stem retainer for valve stem retention, be non-wetted, and have engagement over the full length of the spherically designed disc. Valves shall be equipped with either Lever handle or Plasgear™ operator for manual operation. For lockout applications, the valve lever handle (sizes 1-1/2" – 8") shall have a molded provision for a padlock. The valve body shall feature 2 molded tag holes for the user. Valves sizes 1-1/2" – 14" shall feature a molded ISO 5211 bolt pattern for accessory mounting. PP shall conform to to ASTM D4101 Cell Classification PPO210B67272.

