



200 Series

BUTTERFLY VALVES



> Waukesha Cherry-Burrell®

Whether you need manually or pneumatically controlled butterfly valves for pipeline installation or preassembled valve manifolds, the 200 series from SPX is the answer. A robust and reliable shut-off element with a long service life.

Butterfly Valves offer great durability, economy and ease of use for a wide range of applications. Easy to install and maintain, butterfly valves close under pressure to form a leak-tight seal, plus have the ability to throttle flow with a positioner.

Butterfly Valves

PRODUCT FEATURES AND BENEFITS

- All Stainless Construction: Forged, precision-machined body and electropolished disc
- Sanitary finish
- FDA-Approved materials: choice of elastomeric seats
- Complete line of manual and air actuators with control top options
- Symmetric, metal-to-metal body interface will not over-compress body gasket
- Visual indication of open/closed position
- Open bottom stem seal for positive leak detection

PRODUCT SPECIFICATIONS

Materials:

Disc and Body:

- 316 stainless steel with sanitary finish

Seal:

- EPDM, FKM, Silicone

Finish:

- ≤ 32 Ra ($\leq 0.8\mu$) - *Other finishes available upon request*

Sizes:

- 1/2" - 6" (12mm - 152mm) S-Line or Weld

Pressure Ratings:

Operating Pressure: Maximum line and control air pressure 150 psi (10 bar)

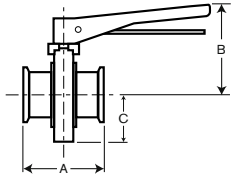
Temperature Ratings:

- EPDM, FKM, Silicone - 200°F (93°C)

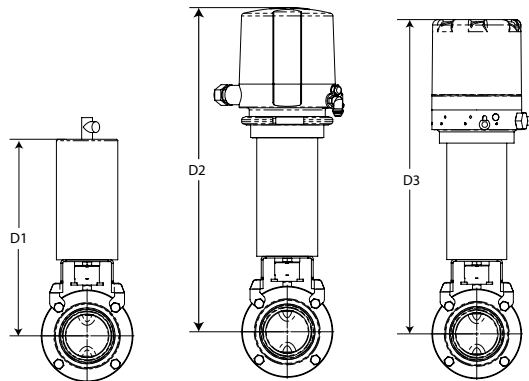
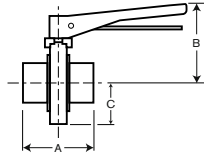
Typical product applications

PRODUCT DIMENSIONS

S-Line Connections



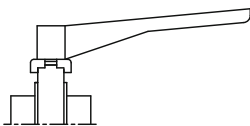
Weld Connections



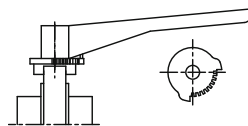
Size Inches (mm)	A	B	C	D1 [NO CT]	D2 [CU4 CT]	D3 [WCB CT]
1.00 (25)	2.50 (63)	3.75 (95)	1.65 (41)	9.83 (250)	16.90 (429)	16.64 (423)
1.50 (38)	2.81 (71)	4.00 (101)	1.89 (48)	10.07 (256)	17.15 (435)	16.88 (429)
2.00 (50)	2.81 (71)	4.25 (108)	2.17 (55)	10.38 (264)	17.45 (443)	17.19 (437)
2.50 (63)	3.00 (76)	4.63 (117)	2.50 (63)	10.71 (272)	17.79 (452)	17.53 (445)
3.00 (76)	3.93 (99)	4.88 (124)	2.80 (71)	11.00 (280)	18.07 (459)	17.81 (453)
4.00 (101)	4.09 (103)	5.22 (132)	3.19 (81)	13.90 (353)	21.01 (534)	20.75 (527)
6.00 (152)	4.56 (115)	7.64 (194)	4.53 (115)	15.24 (387)	22.35 (568)	22.09 (561)

OPTIONS AND ACCESSORIES:

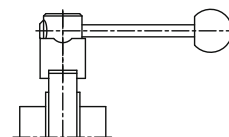
Manual Handle Options



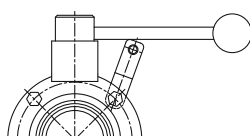
Trigger (4-position) Handle



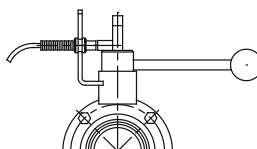
Intermediate (9-position)
Handle



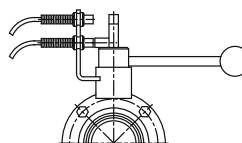
Pull-Style Handle



Pull-Style Handle with Padlock
Travel Stop



Pull-Style Handle for Switch(es)



Food & Beverage

Dairy
Beverage
Brewery
Clean in Place
Personal Care



Industrial

Chemical





OPTIONS AND ACCESSORIES:

Control Top Options

Control Tops - APV

Connector Options

- S/O Cord Grip for hard wire (std)
- Quick Disconnect Pin Connectors
- Interface Options
- AS-i Field® Bus Card
- Profibus and DeviceNet (CU3)

Control Tops - WCB

Connector Options

- S/O Cord Grip for hard wire (std)
- Quick Disconnect Pin Connectors

Interface Options

- AS-i Field® Bus Card
- DeviceNet® Field Bus Network Card

Proximity Switch Only

- Available with manual handle and pneumatic actuators
- Yoke mounted 10-30 VDC prox sensors with LED
- Feedback for valve open/valve closed position detection

Position Indication

- 2 internal feedback sensor switches for valve open/valve closed position detection

Position Indication

- Set and Forget programmable linear switch
- Inductive Proximity Switches - 20-140V AC/DC, 2-Wire (Std)
- Microswitches 24VDC, 110VAC
- Intrinsically safe options 5-24VDC
- Externally mounted options

Solenoid Valves

- 24V DC
- Select 1 Solenoid or Solenoid with NOT-Element (Air/Air)

Features

- NEMA 6 (IP67)



Solenoid Valves

- 24V DC or 110V AC
- Select 1, 2 or 3 Solenoids
- Intrinsically safe option 24V DC



Features:

- NEMA 4x (IP56)
- Stainless Steel Control Top Option



Electropneumatic Positioner

- 4-20mA feedback signal
- Throttle/Control flow
- LCD display and simple set-up
- Optional DeviceNet, Profibus or As-i Communication



Based in Charlotte, North Carolina, SPX Corporation (NYSE: SPW) is a global Fortune 500 multi-industry manufacturing leader. For more information, please visit www.spx.com

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