

# XLD Series

## PFA Lined Butterfly Valve



The XLD Series are PFA lined (up to 12") and PTFE lined (14" to 24") butterfly valves. The body is epoxy coated ductile iron (non-wetted). They are available with Wafer style or Lug style 150# ANSI flange connections. They can be equipped with a manual lever or can be actuated with electric or pneumatic actuators.

A full range of accessory items are available including limit switches, solenoid valves, positioners and manual override devices.

### FEATURES

**Substantial PFA liners for 2" through 12" and PTFE liners for 14" through 24":**

Benefit is resistance to permeation leading to extension of product life and operator safety because of lack of atmospheric leakage.

**Live loaded stem sealing system:** Benefit is atmospheric sealing integrity and no manual adjustment over the life of the valve.

**Low torque:** Benefit is smaller operators taking up less space, ease of operation and cost savings with less expensive automation packages.

**Improved disc design:** leading to less deflection at higher pressures and tighter in-line seal

**ISO 5211 Actuator Mounting Pad:** for standardized actuator mounting

**Live loaded self-adjusting shaft seal with triple O-ring protection**

**Blow-out proof shaft design:** for additional operator safety

**Extended body and disc liner above the shaft seals:** provide optimum protection of the O ring shaft seals from corrosive media

**PTFE atmospheric seal:** protects internal components from atmospheric corrosion and provides locating ring for actuator mounting

**Fully encapsulated bottom shaft:** eliminates potential leak path at bottom of valve and eliminates the necessity for further sealing elements

**Complete line of accessories**

### ACTUATOR CONFIGURATIONS

- Electric
- Pneumatic (spring return)
- Pneumatic (double acting)
- Manual handle
- Manual handle with limit switch
- Gear operator

### MAXIMUM PRESSURE

145 PSIG (see P/T curve)

### TEMPERATURE RANGE

-4°F to 390°F (see P/T curve)

### MATERIALS OF CONSTRUCTION

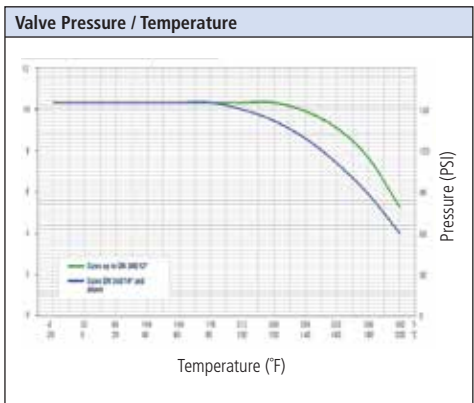
**Body:** Epoxy Coated Ductile Iron  
PFA Lined (up to 12")  
PTFE Lined (14" to 24")

**Disc:** PFA Lined Ductile Iron (all sizes)

**Backup Seat & Seals:** Viton®

### TYPICAL APPLICATIONS

- Clean, corrosive, or hazardous liquids and gases
- Viscous liquids
- Food, pharmaceutical, and dry materials
- Vacuum service



### CV FACTORS

Size	CV
2"	175
3"	269
4"	562
6"	1670
8"	2574
10"	3838
12"	5674