# 345-Series Butterfly Valves

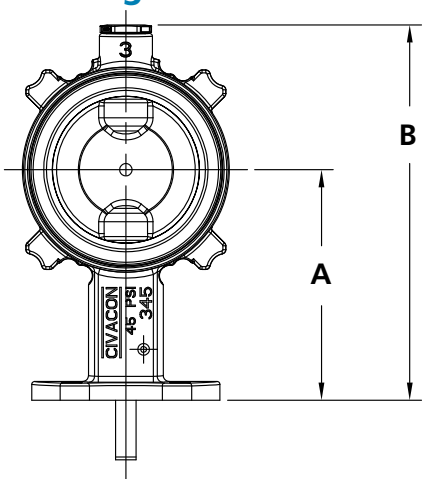
Easy to use and light weight, the 345 Series Butterfly Valve is designed for rugged environmental conditions. The 345 Series comes equipped with the thinnest discs and largest openings on the market, providing minimal flow restriction.

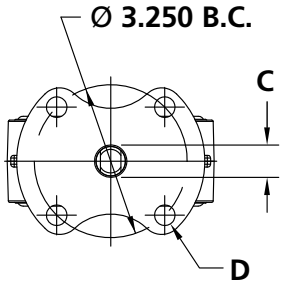
## Features & Specifications

- 2" to 6" valves uses same handle, reducing inventory
- Interchangeable with the 500 Series
- Fully assembled and tested
- Lasts longer in abrasive applications
- Maintains low-opening torque better than competitor
- 10 Position handle available
- No bolts or other hardware on the disc that can come loose and contaminate product
- Rated at 45 psi

# 345-Series Butterfly Valves

## Ordering Information




| | 2" | 3" | 4" | 5" | 6" |
|---|---|---|---|---|---|
| Dimension (A) | 4.39 | 4.90 | 5.76 | 6.30 | 6.71 |
| Dimension (B) | 6.99 | 7.99 | 9.48 | 10.50 | 11.51 |
| Dimension (C) | 0.625 | 0.625 | 0.625 | 0.625 | 0.625 |
| Weight (lbs.) | 2.20 | 2.60 | 4.80 | 5.60 | 7.19 |

**Example Order: 3-345-001700H10**

3" Valve - 345 Series - Alum. Body, DI Disc, Black Nitrile Seat, Standard Handle, 10 Position Plate

**3 - 345 - 01 - 2 - 700 - H10**

Valve Series

### Valve Size (inches)

**2** = 2" Valve
**3** = 3" Valve
**4** = 4" Valve
**5** = 5" Valve
**6** = 6" Valve

### Valve Body Material

**00** = Alum. Body
**01** = Ductile Iron

### Disc Material

**1** = Ductile Iron
**2** = Stainless Steel
**3** = Nylon Coated
**4** = Aluminum/ Bronze

### Seat Material

**700** = Black Nitrile
**701** = White Nitrile
**515** = EPDM
**540** = Viton®
**561** = Silicone

### Handle Option

**H10** = Standard Handle, 10 Position Plate
**LH** = Locking Handle

## Material Specifications

| Seat Material | Temp. Range | FDA Approved | Applications |
|---|---|---|---|
| Black Nitrile (700) | -40° F to 300° F | X | Used in petroleum, oils and water. Abrasion resistance approaching that of Urethane. Very resistant to extrusion at high pressures. |
| White Nitrile (701) | -40° F to 300° F | X | Used in petroleum, oils and water. Abrasion resistance approaching that of Urethane. Very resistant to extrusion at high pressures. |
| EPDM (515) | -40° F to 250° F | X | Used in Dry Bulk and water. Less than 10% acids, inorganic & organic alcohols, Alkaline Salts & Solutions. Not suitable for Hydrocarbons |
| Viton® (540) | 0° F to 350° F | | All aromatic, Aliphatic & Halogenated Hydrocarbons. Not for Ketones, Esters or in combination with hot water and oil. |
| Silicone (561) | -50° F to 300° F | X | Used primarily on low temperature applications. Not for use in applications over 50 PSI. due to low physical & mechanical properties |