

4" Aluminum Hybrid Butterfly Valve

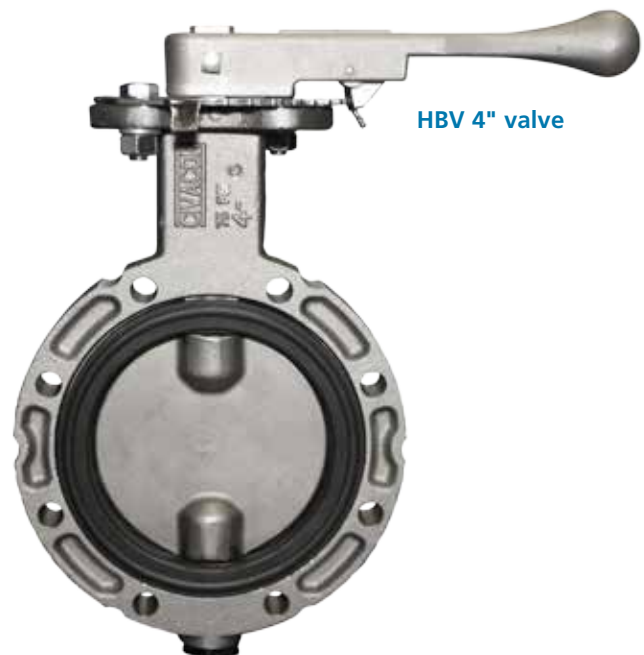
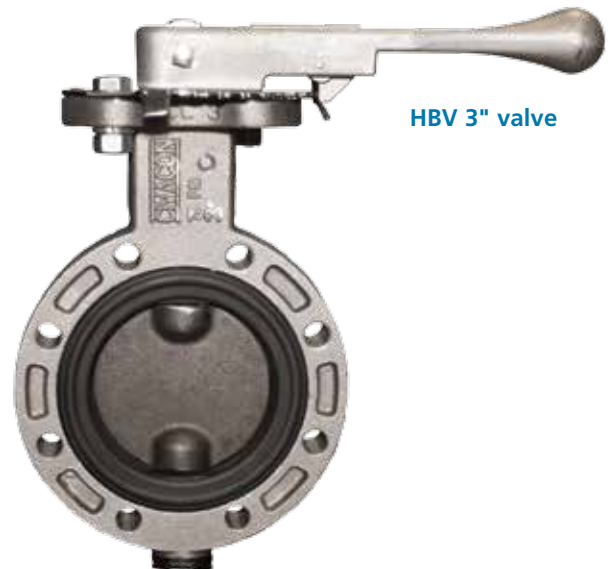
Versatility and Reliability Guaranteed to outperform the common wet/dry valve

Civacon's Aluminum body 4-inch TTMA Hybrid Butterfly Valve is the ideal solution for all of your wet or dry applications! It easily handles harsh, abrasive crude oil, refined fuel products as well as any other compatible liquid, powder or abrasive service. This valve combines the durability of a traditional resilient seated butterfly valve, while incorporating the sleek, slim-line, compact body style of a common wet / dry valve. This hybrid valve is designed with the industry standard TTMA bolt pattern which can seamlessly replace any competitor's brand wet / dry valve with no piping or configuration changes.

With its light weight, compact profile and the longevity of a durable, resilient seat, this valve is a valuable solution for all common transportation industry materials, wet or dry. It is available with a Black Nitrile Seat and Ductile Iron Disc or a Viton® Seat and Stainless Steel Disc; each equipped with a 10 position, aluminum metering (throttle) style handle.

Features & Benefits

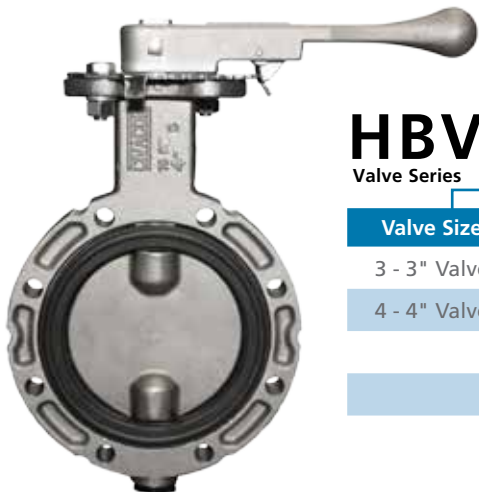
- Lightweight Compact Aluminum Body
- Available with:
 - Black Nitrile (NBR) Seat and Ductile Iron Disc
 - Black Viton® A (FKM) Seat and Stainless Steel Disc
- Applications include Crude Oil, Liquid, Powder and Refined Fuel Products
- Industry Standard 4-inch TTMA Flange Mounting Pattern
- 1-1/8" thick body profile can easily replace competitor's wet / dry valves
- 10-Position Aluminum Metering (throttle) Style Handle
- Replaceable Seat
- Maximum Operating Pressure: 75psi
- Temperature Range:
 - Black Nitrile -40° to 300°F (-40° to 148°C)
 - Black Viton® 0° to 400°F (-18° to 205°C)



4" Aluminum Hybrid Butterfly Valve

Specifications

- **Product / Part Numbers:** HBV-4110, HBV-4111, HBV-4220, HBV-4221, HBV-4120, HBV-4121
- **Materials: Body:** Aluminum / **Disc:** Nodular Iron or 316 Stainless Steel / **Seat:** Black Nitrile (NBR) or Viton A (FKM)
- **Weight:** 5.5 Lbs. (2.5 Kg)
- **Temp. Ratng:** Black Nitrile -40° to 300°F (-40° to 148°C) / Black Viton® 0° to 400°F (-18° to 205°C)



Ordering Chart

HBV-3 Valve Series			
Valve Size	Seat Material	Disc Material	Handle
3 - 3" Valve	1 - Buna-N® (NBR)	1 - Ductile Iron	0 - No Handle
4 - 4" Valve	2 - Viton® (FKM)	2 - Stainless Steel	1 - 10 Pos. Al. 12" Hdl.
	3 - White FDA Nitrile	3 - Nylon Coated	2 - 10 Pos. Stl. 12" Hdl.
		5 - Aluminum	3 - 10 Pos. Al. 8" Hdl.
		6 - Al. Bronze	