

Hybrid Butterfly Valve

03-21-003DS

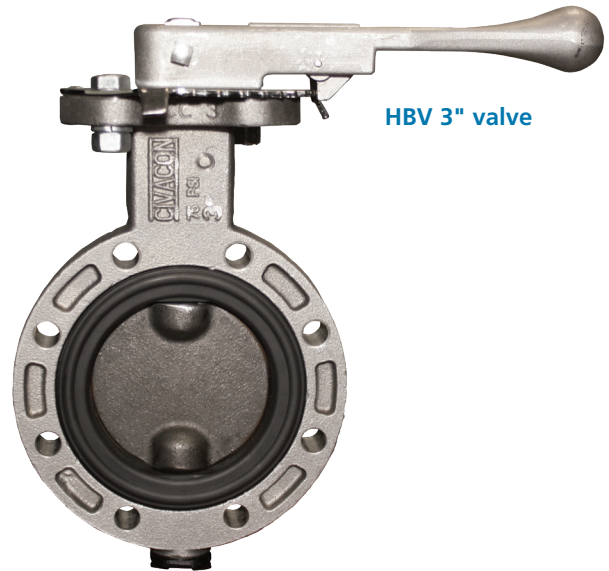
Versatility and Reliability Guaranteed to outperform the common wet/dry valve

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.

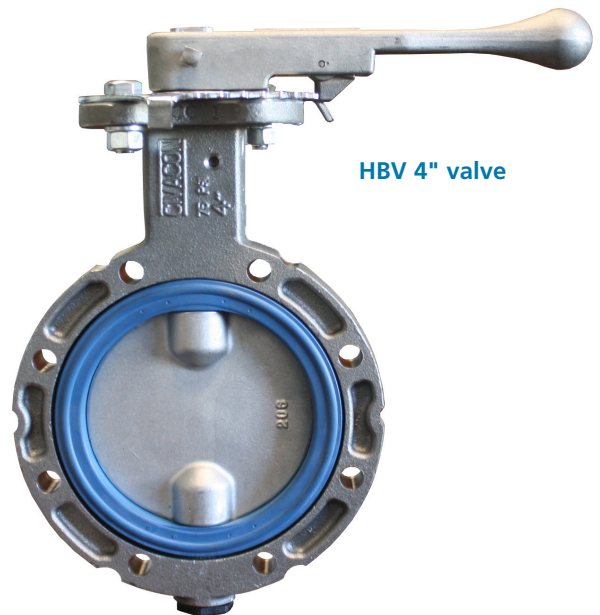
With its light weight, compact profile and the longevity of a durable, resilient seat, this valve is a valuable solution for all common transportation industry materials, wet or dry. It is available with a Black Nitrile Seat and Ductile Iron Disc or a Viton® Seat and Stainless Steel Disc; each equipped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

Features & Benefits

- Available in 3" and 4"
- Lightweight Compact Body
- Applications include Crude Oil, Liquid, Powder and Refined Fuel Products
- Industry Standard TTMA Flange
- 1-1/8" thick body profile can easily replace competitor's wet/dry valves
- Available in 8" or 12" Aluminum or 12" Steel Handle
- Replaceable Seat
- Maximum Operating Pressure: 75 PSI



HBV 3" valve



HBV 4" valve

Hybrid Butterfly Valve

Specifications

- Product / Part Numbers: See Ordering Chart Below
- Materials:
 - Body - 3" or 4" Aluminum or 4" Stainless Steel
 - Disc - Ductile Iron
Stainless Steel
Nylon Coated
Aluminum
Aluminum Bronze
- Weight:
 - 3" HBV, Al. Body, Stainless Steel Disc, 8" Al. Handle 4.35 lbs. (1.97 kg.)
 - 4" HBV, Al. Body, Aluminum Disc, 8" Al. Handle 4.55 lbs. (2.06 kg.)
 - 4" HBV, SS Body, Stainless Steel Disc, No Handle 7.00 lbs. (3.17 kg.)
- Temperature Rating: Buna-N -40° to 300°F (-40° to 148°C)
 Viton 0° to 400°F (-18° to 205°C)
 White FDA -40° to 300°F (-40° to 148°C)
 Petro -40° to 320°F (-40° to 165°C)

Ordering Chart

HBV-3
Valve Series

1

5

3

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

NOTE: Stainless Steel Body is only offered in the 4" Size