L5107-Series Butterfly Valve

OPTIMIZED EFFICIENCY, UNBEATABLE VALUE

Dixon[®] butterfly valves are used to isolate and regulate the flow of fluid in processing pipelines.

They are found in the beverage, food processing, pharmaceutical, biochemical, cosmetic, and some dairy markets.

Certifications

- FDA 21 CFR 177.2600
- United States Pharmacopeia (USP): 87 and 88 Class VI
- European Regulation: EC 1935/2004
- REACH: EC 1907/2006
- · Animal derived ingredient free
- · Phthalate free

Sizes

• 1", 1-1/2", 2", 2-1/2", 3", and 4"

Features

- 360° trigger sprocket allows handle to be easily rotated to both sides of the valve without disassembly and reassembly of the valve handle
- Compact design with reduced face-to-face dimension
- · High performance rubber seat design
- Same seat design as Dixon's premium B5107-series butterfly valve line - Seats are interchangeable between both series
- Hex head body bolts eliminate cavities of socket head screws for cleaner exterior design
- Durable high performance polyamide handle with stainless trigger reduces weight of overall assembly
- · Valves ship complete with handle installed and ready for operation

Materials

- Product contact metal components: 304 forged stainless steel
- · Non-product contact metal components: 304 stainless steel
- · Product contact seals: EPDM, Silicone, or FKM



The Right Connection®

Dixon Sanitary

N25 W23040 Paul Road Pewaukee, WI 53072 ph: 800.789.1718 fx: 800.789.4046 dixonvalve.com

360° Trigger Sprocket

Enhanced Control and Adaptability

Unlike traditional sprockets that have limited range of motion, a 360° sprocket allows for continuous rotation in all directions.

With 26 locking positions, this valve adapts seamlessly to any setup, eliminating the need for reassembly due to incorrect placement of handle. Ideal for tight spaces and various environments, it ensures convenient accessiblity from all angles.

Applications





Dimensions

Trigger Handle





Size	A (in)	B (in)	C (in)	D (in)	E (in)
1″	3.00	0.866	3.071	3.363	6.469
1-1/2"		0.866	3.071	3.363	
2"		0.866	3.898	3.707	
2-1/2"		0.866	4.606	4.119	
3"		1.181	5.197	4.312	
4"		1.181	6.657	5.109	

Vertical Canister Actuator



Size	A (in)	B (in)	C (in)	D (in)	E (in)	F (in)
1"	3.00	3.071	2.834	5.984	6.638	3.386
1-1/2"		3.071	2.834			
2"		3.898	3.124			
2-1/2"		4.606	3.542			
3"		5.197	3.683			
4"		6.657	4.557			

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