Boss® LPS Butterfly Valves

PRODUCTS DESIGNED SPECIFICALLY FOR THE OIL AND GAS INDUSTRY

Applications

- · Low-pressure transfer of water, acids, chemicals, slurries, and other liquids
- · Designed for all low-pressure hydraulic fracturing applications

Sizes

• 2", 3", 4", 5", 6", and 8"

Features

- Locator notches around the outer edge of the body allow the valve to easily line up at center
- Actuator mounting flange outfitted with both industry standard and ISO bolt circle diameters
- · Thicker stems deliver a more durable and reliable performance
- Grease zerk added to body neck for reliable performance
- 10-position throttling handle for controlled accuracy
- For use between lightweight flanges: 125 lb., 150 lb., or butterfly valve flange
- Halar and 316 stainless steel disc options afford better resistance to certain chemicals and acids
- Carburized disc option affords better resistance to abrasive materials and slurry mixes

Materials

- · Body: ductile iron
- Disc: nickel-plated ductile iron, 316 stainless steel, halar coated ductile iron, carburized 8620 steel
- Seat: nitrile rubber, FKM, or red natural rubber (RNR)
- Bushings: PTFE
- O-rings: nitrile rubber
- · Stems: 416 stainless steel
- · Retaining pins: stainless steel
- · Handle: malleable iron

NOTE: Dixon provides actuation services for industrial and sanitary valves.

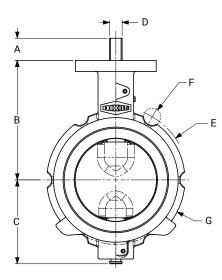


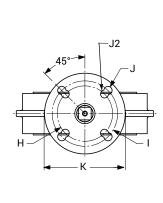
The Right Connection®

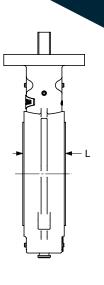
Actuated Butterfly Valve

Dixon

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The Right Connection®

Dimensions

Size	Α	В	С	D	Е	F	G	Н	I	J	J2	К	L
2″	1-3/32"	4"	3-5/32"	5/8"	4-1/2"	4 x 3/4"	4-1/8"	2-3/4"	3-1/4"	4 x 13/32"	4 x 13/32"	4"	1-23/32"
3"	1-3/32"	4-29/32"	3-9/16"	5/8"	4-29/32"	6 x 5/8"	5-9/32"	2-3/4"	3-1/4"	4 x 13/32"	4 x 13/32"	4"	1-27/32"
4"	1-3/32"	5-15/16"	4-3/16"	5/8"	7-1/4"	6 x 27/32"	6-7/8"	2-3/4"	3-1/4"	4 x 13/32"	4 x 13/32"	4"	2-1/8"
5"	1-1/4"	6-1/32"	4-27/32"	5/8"	7-19/32"	6 x 3/4"	7-3/4"	2-3/4"	3-1/4"	4 x 13/32"	4 x 7/16"	4"	2-3/16"
6"	1-3/32"	6-19/32"	5-7/8"	5/8"	9-1/2"	8 x 7/8"	8-3/4"	2-3/4"	3-1/4"	4 x 13/32"	4 x 13/32"	4"	2-1/4"
8"	1-1/4"	8-1/8"	7-1/16"	7/8"	11-3/4"	8 x 15/16"	11-3/4"	4-1/32"	5″	4 x 1/2"	4 x 19/32"	6"	2-5/8"

Specifications

Size	Description	Halliburton SAP#	Dixon Part #	Maximum Working Pressure (PSI)	Temp. Range	
2″	GS - Cold NBR seat w/ DI Disc	100001057	2BF416DITF-NBR	200	-20°F to 200°F	
2″	CS - FKM seat w/ Halar DI Disc		2BF416HATF-FKM	200	0°F to 200°F	
2″	CS - FKM seat w/ 316SS Disc		2BF416SSTF-FKM	200	0°F to 200°F	
3"	GS - Cold NBR seat w/ DI Disc	100001137	3BF416DITF-NBR	200	-20°F to 200°F	
3"	CS - FKM seat w/ Halar DI Disc		3BF416HATF-FKM	200	0°F to 200°F	
3"	CS - FKM seat w/ 316SS DI Disc		3BF416SSTF-FKM	200	0°F to 200°F	
4"	GS - Cold NBR seat w/ DI Disc	100001149	4BF416DITF-CNBR	200	-20°F to 200°F	
4"	GS- FKM seat w/ DI Disc		4BF416DITF-FKM	200	0°F to 200°F	
4"	CS - FKM seat w/ Halar DI Disc		4BF416HATF-FKM	200	0°F to 200°F	
4"	DS - Red Natural Rubber seat w/ carburized 8620 Disc		4BF416CBTF-RNR	50	-20°F to 150°F	
4"	WS - Cold NBR seat w/ carburized 8620 Disc		4BF416CBTF-CNBR	200	-20°F to 200°F	
5"	GS - Cold NBR seat w/ DI Disc	100001178	5BF416DITF-NBR	200	-20°F to 200°F	
5"	DS - Red Natural Rubber seat w/ carburized 8620 Disc		5BF416CBTF-RNR	50	-20°F to 150°F	
5"	WS - Cold NBR seat w/ carburized 8620 Disc		5BF416CBTF-NBR	200	-20°F to 200°F	
6"	GS - Cold NBR seat w/ DI Disc	100001186	6BF416DITF-NBR	200	-20°F to 200°F	
8"	GS - Cold NBR seat w/ DI Disc	100001193	8BF416DITF-NBR	175	-20°F to 200°F	

NOTE: GS - General Service, CS - Chemical Service, DS - Dry Service, WS - Wet Service

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