

Dixon® Boss LPS Butterfly Valves



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Actuated Butterfly Valve

Applications

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

Sizes

- 4", 5", 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
- Valve is rebuildable; contact Dixon for replacement parts

Materials

- Body: ductile iron
- Disc: nickel-plated ductile iron
- Seat: nitrile rubber or FKM
- Bushings: PTFE
- O-rings: nitrile rubber
- Stems: 416 stainless steel
- Retaining pins: stainless steel
- Handle: malleable iron

Size	Description	Halliburton SAP#	Dixon Part #	Max. Working Pressure (PSI)	Temperature-Range
2"	GS - cold NBR seat with DI disc	100001057	2BF416DITF-NBR	200	-20°F to 200°F
2"	CS - FKM seat with Halar® DI disc	---	2BF416HATF-FKM	200	0°F to 200°F
2"	CS - FKM seat with 316 stainless steel disc	---	2BF416SSTF-FKM	200	0°F to 200°F
3"	GS - cold NBR seat with DI disc	100001137	3BF416DITF-NBR	200	-20°F to 200°F
3"	CS - FKM seat with Halar DI disc	---	3BF416HATF-FKM	200	0°F to 200°F
3"	CS - FKM seat with 316 stainless steel DI disc	---	3BF416SSTF-FKM	200	0°F to 200°F
4"	GS - cold NBR seat with DI disc	100001149	4BF416DITF-CNBR	200	-20°F to 200°F
4"	GS - FKM seat with DI disc	---	4BF416DITF-FKM	200	0°F to 200°F
4"	CS - FKM seat with Halar DI disc	---	4BF416HATF-FKM	200	0°F to 200°F
4"	DS - red natural rubber seat with carburized 8620 disc	---	4BF416CBTF-RNR	50	-20°F to 150°F
4"	WS - cold NBR seat with carburized 8620 disc	---	4BF416CBTF-CNBR	200	-20°F to 200°F
5"	GS - cold NBR seat with DI disc	100001178	5BF416DITF-NBR	200	-20°F to 200°F
5"	DS - red natural rubber seat with carburized 8620 disc	---	5BF416CBTF-RNR	50	-20°F to 150°F
5"	WS - cold NBR seat with carburized 8620 disc	---	5BF416CBTF-NBR	200	-20°F to 200°F
6"	GS - cold NBR seat with DI disc	100001186	6BF416DITF-NBR	200	-20°F to 200°F
8"	GS - cold NBR seat with DI disc	100001193	8BF416DITF-NBR	175	-20°F to 200°F

NOTE: GS - General Service, CS - Chemical Service, DS - Dry Service, WS - Wet Service
Dixon provides actuation services for industrial and sanitary valves.