



Fire
Protection
Products

2014 Edition

Fivalco®

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**Quality
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25 Years**



**Better
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Design**



Fireriser® Grooved Butterfly Valve

Grooved Butterfly Valve-300PSI-21Bars Grooved End

Fig No.FPB-300G

Specifications

Working Pressure: 300 PSI (21 Bars) -Non Shock Coldwater

Temperature: from -20 °C to 110 °C

Max.Test Pressure: 600 PSI (42.8 Bars)/FM Standard 1112

Factory installed UL, listed double Tamper Switches

Valve Approved For Indoor and Outdoor Use

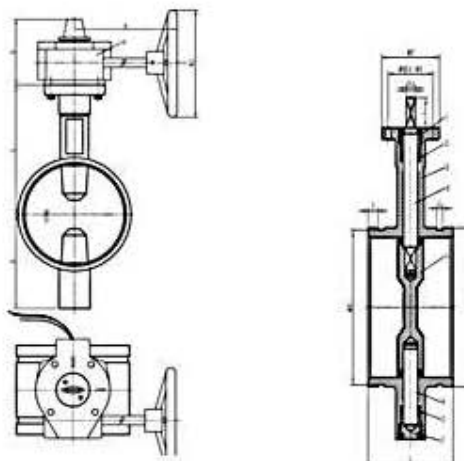
Grooved Ends To Suit BS or ANSI Pipe Size

Conforms To MISS SP67 / BS EN 593:2009



Materials List:

Component	Material
Signal Gearbox	DI
Lower Shaft Sealing Nut	Carbon Steel
Lower Shaft	SS416
Disc	DI+EPDM
Upper Shaft	SS416
Body	DI
Shaft Seal	EPDM
Upper Shaft Sealing Nut	Carbon Steel



Dimensions (In):

Size	A	B	C	D	E	F	G	H	K	J	P	M	N	d	L
2.5"	125	95	32	73/76.1	72.1	15.9	7.9	111	218	152	90	70	9	10	96.4
3"	140	100	32	88.9	84.9	15.9	7.9	111	218	152	90	70	9	11	97
4"	160	100	32	114.3	110.1	15.9	9.5	111	218	152	90	70	9	14	115.1
5"	170	125	32	139.7/141.3	137	15.9	9.5	111	218	152	90	70	9	14	132.4
6"	190	140	32	165.1/168.3	164	15.9	9.5	111	218	200	90	70	9	16	132.4
8"	230	175	32	219.1	214.6	19	11.1	126	232	290	125	102	12	19	147.4
10"	260	200	45	273	268.3	19	12.7	126	232	290	125	102	12	22	159
12"	300	240	45	324	318.3	19	12.7	161	252	350	150	125	14	24	165

Notes:

Clearly Specify Grooved Dimensions On All Orders

We Reserve The Right To Change Specifications Without Notice.

UL Listed All Sizes 2-1/2" to 6" FM Approved and 8" to 12" Pending

Fireriser® Butterfly Valves Installation Guide

Switch Installaion

Fivalco butterfly valves are provided with internal supervisory position switches. The tamper switch operates by a cam connected to the vallye stem. The switch will change positon and close within two(2) full turns of the hand wheel from the fully open position.

Switch#1:

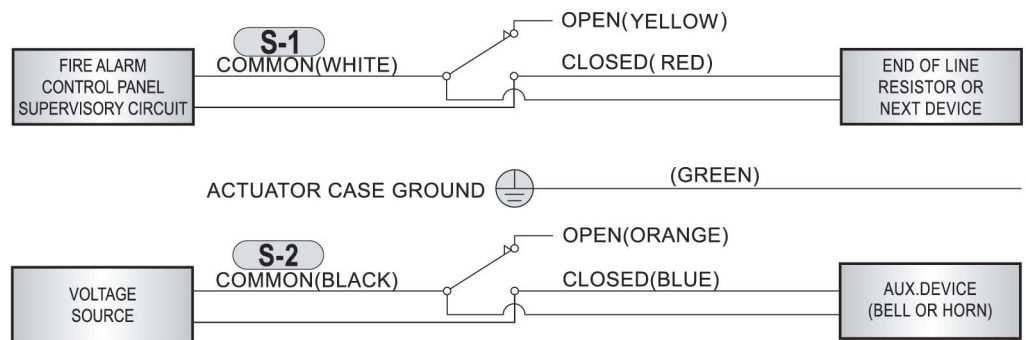
For connection to the supervisory circuit.

Normally closed : 2 Red
Normally open : 2 Yellow
Common : 2 White

Switch#2:

Auxiliary switch connected per authority.

Normally closed :1 Red
Normally open :1 Blue
Common :1 Black
Ground Lead :1 Green



NOTES 1.RATED:5A-1/6HP-125/250V