

**K-830-B****BUTTERFLY VALVE**

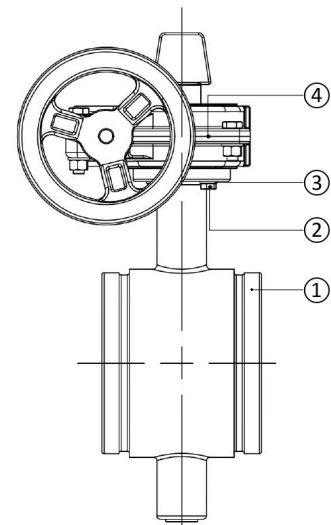
Grooved Ends

**PRODUCT DESCRIPTION**

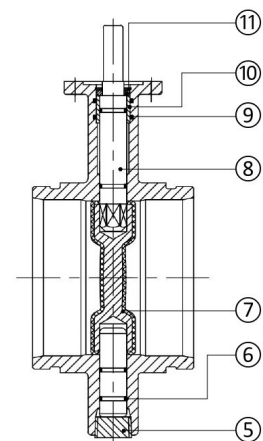
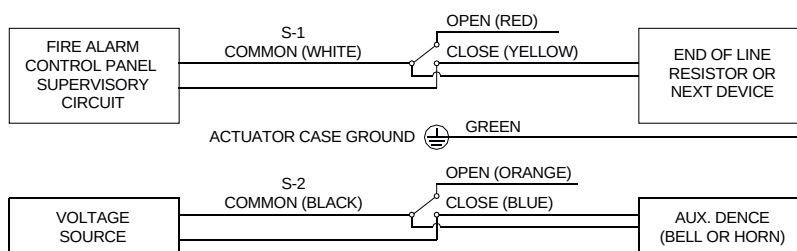
<b>General</b>	Used for isolation purpose in Fire Sprinkler Systems Pipelines
<b>Standard</b>	MSS SP-67 standard
<b>Size</b>	2" to 12" [ DN50 to DN300 ]
<b>Pressure Rating</b>	300 psi [ 20.7 Bar ]
<b>End Connection</b>	Grooved ends dimensions comply with AWWA C606 Standard
<b>Coating</b>	Fusion Bonded Epoxy Coated comply with AWWA C550
<b>Features</b>	Gear operated butterfly valve with Built-in supervisory switch Vulcanized disc for bubble-tight shutoff Flag type position indicator
<b>Approvals</b>	UL Listed and FM Approved

**MATERIAL SPECIFICATIONS**

No.	Part Name	Material
1	Body	Ductile Iron A536 Grade 65-45-12
2	Bolt	Stainless Steel F593 Grade 304
3	Washer	Stainless Steel A276 Grade 304
4	Gear Box	Assembly
5	Plug	Carbon Steel A29 1024
6	Shaft Seal Ring	Rubber D2000 NBR
7	Disc	Ductile Iron with EPDM Fully Encapsulated
8	Stem	Stainless Steel A276 Grade 431
9	O-Ring	Rubber D2000 NBR
10	Bushing	Bronze B148 95200
11	Shaft Retainer Ring	Bronze B148 95200

**WIRE ARRANGEMENT**

Butterfly valves are supplied with two sets of factory installed supervisory switches. Within two revolutions of the handwheel from the "OPEN" position, the supervisory switches transfer their electrical contacts indicating that the valve is not fully open.

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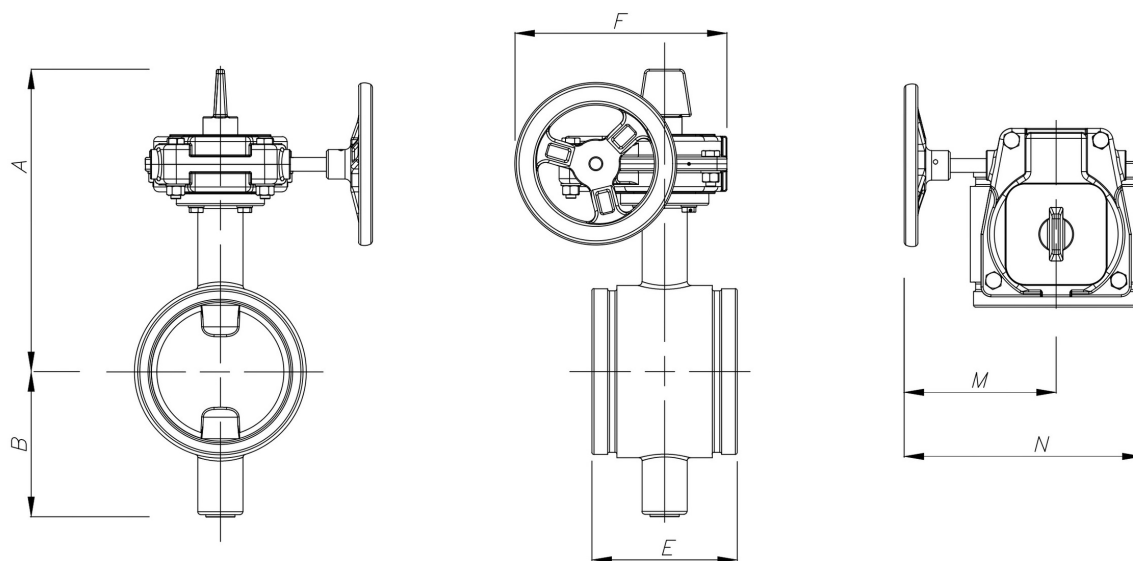
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**K-830-B****BUTTERFLY VALVE**

Grooved Ends

**DIMENSIONS**

Valve Size	A		B		E		F		M		N	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
2"	8.70	220	3.00	76	3.30	84	7.48	190	5.90	150	8.98	228
2½"	9.00	230	3.35	85	3.81	97	7.48	190	5.90	150	8.98	228
3"	9.25	235	3.55	90	3.81	97	7.48	190	5.90	150	8.98	228
4"	10.45	265	4.30	110	4.56	116	7.48	190	5.90	150	8.98	228
6"	12.00	305	5.70	145	5.81	148	8.46	215	6.18	157	9.25	235
8"	14.25	360	7.00	178	5.25	133	11.02	280	8.07	205	12.20	310
10"	16.20	410	9.00	230	6.25	159	11.02	280	9.06	230	13.11	333
12"	17.13	435	10.25	260	6.50	165	11.02	280	9.06	230	13.11	333

**WEIGHTS**

Valve Size		2"	2½"	3"	4"	6"	8"	10"	12"
Weight	lb.	16.5	17.6	18.3	24.0	38.8	62.6	94.1	115.0
	kg	7.5	8.0	8.3	10.9	17.6	28.4	42.7	52.2



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