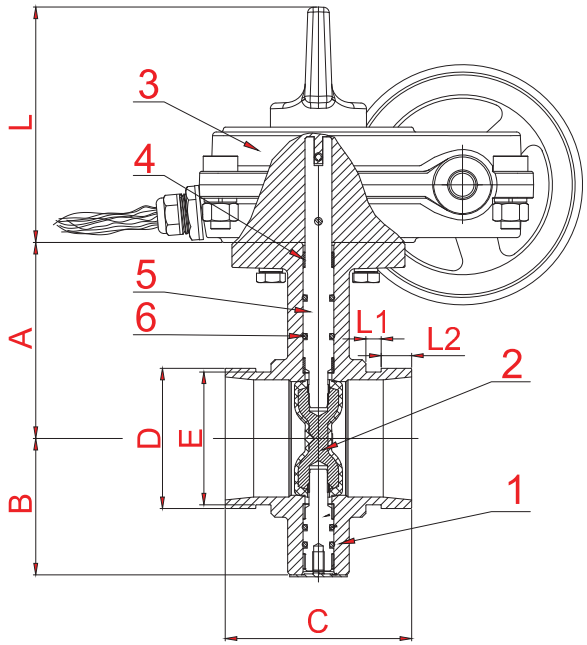
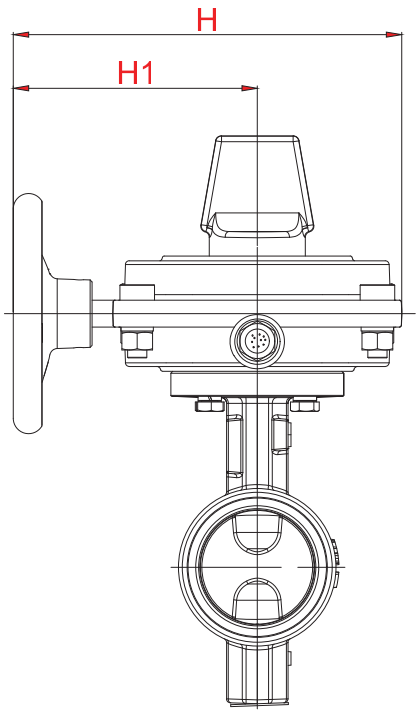
Grooved Butterfly Valve / Model ABV-G300

Size	: 2", 2 ½", 76.1mm, 3", 4", 5", 165.1mm, 6", 8", 10", 12"
Working Pressure	: 20.7 bar (300psi)
Max. Test Pressure	: 41.3 bar (600psi)
Max. Working Temperature	: 0-80°C (32-176°F)
Connection	: Grooved ISO 6182
Specifications	: Fusion bonded epoxy coating complies with ANSI/AWWA C550
Features	: Suitable for indoor and outdoor use





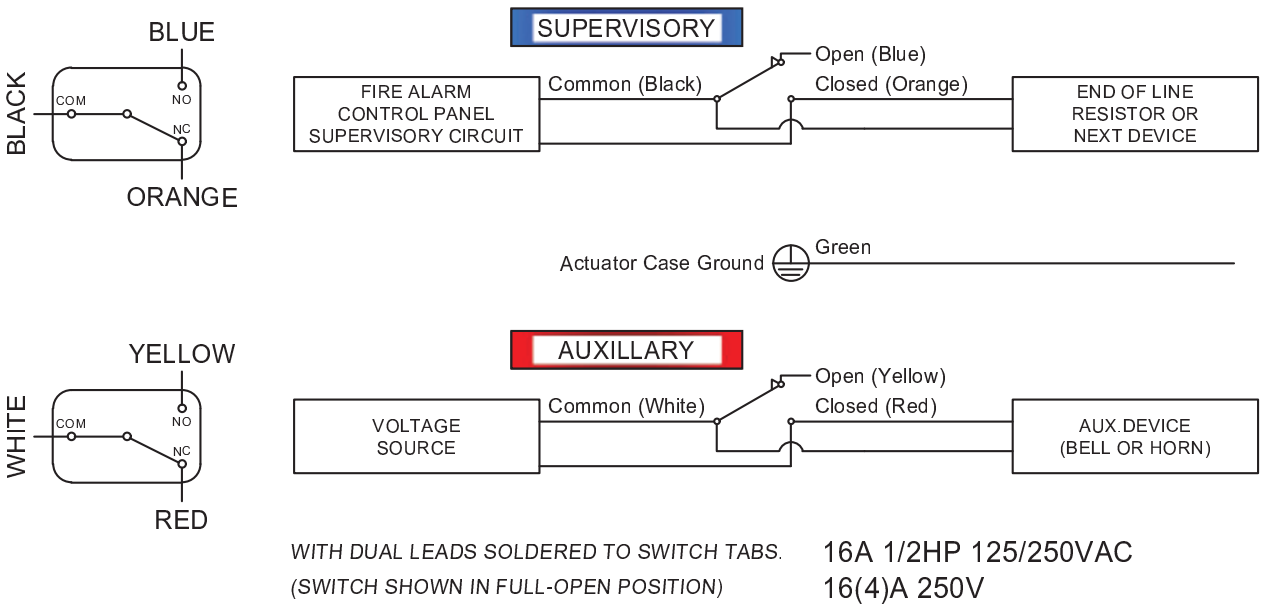
Material List

No	Part	Material	ASTM Specification
1	Body	Ductile Iron	ASTM A536,65-45-12
2	Disc	Ductile Iron	ASTM A536,65-45-12+EPDM
3	Signal Gear Box	Ductile Iron	ASTM A536,65-45-12
4	Bushing	Stainless Steel + Teflon	SS304+PTFE
5	Stem	Stainless Steel	SS431
6	O-Ring	NBR	Commercial
7	Signal Gear Box	Ductile Iron	ASTM A536, 65-45-12

Dimensions

SIZE		DIMENSIONS (mm)										WEIGHT (kg)
inch	mm	A	B	C	D	E	L	L1	L2	H1	H	
2"	50	89	65	83	60.3	57.2	123	8	16	128	203	8.6
2 ½"	65	102	71	99	73.0	69.1	123	8	16	128	203	8.7
76.1	65	102	71	99	76.1	72.2	123	8	16	128	203	8.8
3"	80	109	81	99	88.9	84.9	123	8	16	128	203	9
4"	100	128	95	117	114.3	110.1	123	10	16	128	203	11
5"	125	141	111	149	141.3	137.1	123	10	16	128	203	14
165.1	150	153	133	149	165.1	106.8	123	10	16	128	203	17.5
6"	150	153	133	149	168.3	164.0	123	10	16	128	203	18
8"	200	184	164	134	219.1	214.4	123	11	19	185	261	23
10"	250	216	196	160	273.0	268.3	123	13	19	185	261	32
12"	300	254	226	167	323.9	318.3	133	13	19	203	298	36

Wiring Diagram



WITH DUAL LEADS SOLDERED TO SWITCH TABS.
(SWITCH SHOWN IN FULL-OPEN POSITION)

16A 1/2HP 125/250VAC
16(4)A 250V