

Media: air – water – liquid - vacuum
 Pressure range: 0 to 10 Bar max
 Media temperature: +2°C to +90°C max
 Ambient temperature: +2°C to +60°C
 Mounting: Any (Except upside down)
 Cycles: 70,000
 Opening/Closing: 10 Seconds
 Duty cycles: 100%
 Mounting: ISO5211 F03 + F05

Actuated UPVC Ball Valve

1/2 – 2 BSP

FAILSAFE & STANDARD

2 WAY Manual Override

0 – 10 Bar

TYPE ABVP-MO



PRESSURE

Port BSP	Orifice mm	Operating Time Secs	Pressure (Bar) ΔP		Function	Voltage	Seal	Part Number
			Min	Max				
1/2	15	10	0	10	Failsafe Closed Power ON valve Opens Power OFF automatic valve Close <i>Requires initial 30 second power ON time thereafter minimum 10 seconds to recharge the reserve power.</i>	12-24DC + 24AC	PE EPDM PF FKM	ABV04PE/9AR-MO
						110-240vAC		ABV04PE/2AR-MO
3/4	20	10	0	10		12-24DC + 24AC		ABV06PE/9AR-MO
						110-240vAC		ABV06PE/2AR-MO
1	25	10	0	10		12-24DC + 24AC		ABV08PE/9AR-MO
						110-240vAC		ABV08PE/2AR-MO
1 1/4	32	10	0	10		12-24DC + 24AC		ABV12PE/9AR-MO
						110v-240vAC		ABV12PE/2AR-MO
1 1/2	40	10	0	10		12-24DC + 24AC		ABV14PE/9AR-MO
						110v-240vAC		ABV14PE/2AR-MO
2	50	10	0	10		12-24DC + 24AC		ABV20PE/9AR-MO
						110-240vAC		ABV20PE/2AR-MO

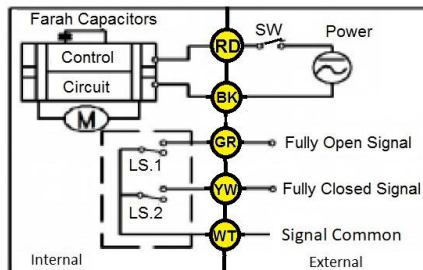
OPTIONS

Visual Position Indicator & E2 Volt free fully Open & fully Closed position feedback switches Failsafe Open (MO-NO Power to close with failsafe Open)
 FKM valve sealing
 3 wire 1 point control (ABV**PE/*-MO)

ELECTRICAL DATA

Duty	Position Feed Back Switch (Volt Free)	Torque	Power	Enclosure	Electrical connections
Continuous duty 100% Open Close 10 seconds	36vDC 0.4 Amp Max	15 Nm	22 Watt Max 1 Amp	IP67	Cable 0.5 meter

Failsafe – Automatic Return

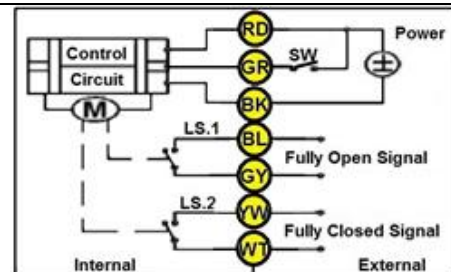


Power ON motor actuates valve into powered position and then automatically powers off. Valve stays in powered position.

Power OFF motor actuates valve back to start position using reserve power. Valve stays in start position.

Position Feed Back: Green Open, Yellow Closed, White Common

3 Wire Control

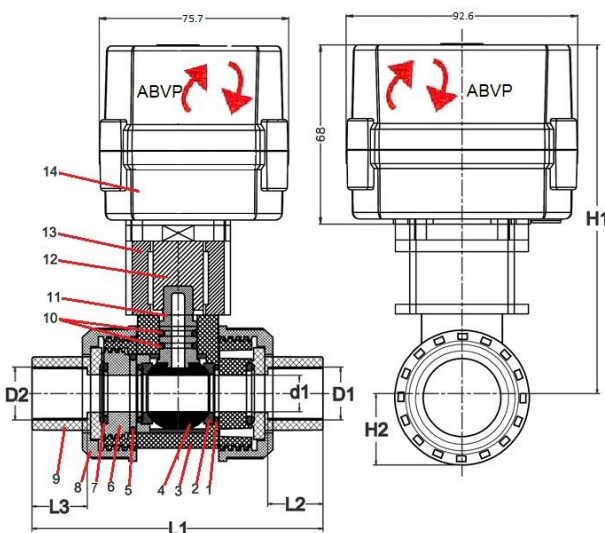


Power ON to GREEN motor actuates valve into powered position and then automatically powers off. Valve stays in powered position.

Power OFF to GREEN motor actuates valve back to start position and then automatically powers off. Valve stays in start position.

Position Feedback: Blue & Grey Open, Yellow & White Closed

OVERALL DIMENSIONS



Port G	L1	L2/L3	H1	H2
1/2	107	22.3	130	27
3/4	115	25.5	134.5	32
1	129	28.6	146.3	37
1 1/4	144	32	156.8	42
1 1/2	161	35	163.6	49
2	173	38	179.6	59

1	O Ring	EPDM or FKM
2	Sealing	PTFE
3	Body	UPVC
4	Ball	UPVC
5	O Ring	EPDM or FKM
6	Bonnet	UPVC
7	O ring	EPDM or FKM
8	Gland	UPVC
9	Socket	UPVC
10	O Ring	EPDM or FKM
11	Stem	UPVC
12	Adaptor	304 Stainless
13	Adaptor	304 Stainless
14	Actuator	PPA6