

AquiTron | AT-V

Butterfly Valve



DATA SHEET



aquilar
leak detection solutions



AT-V

Butterfly Valve

Electrically Actuated Butterfly Valve; Wafer Type Cast Iron with Stainless Steel Disc, Aquilar supply a range of cast iron actuated butterfly valves for large applications which are unoccupied for long periods of time such as schools, colleges and office blocks to prevent water leaks in conjunction with our exclusive AquiTron AT-WM controllers.

FEATURES

- Bushing design provides upper stem support, absorbs actuator side-loading and extends cycle life
- Resilient seat isolates body and stem from fluid media, provides tight shut off at full-rated pressure avoiding leaks
- Corrosion-resistant top bushing does not deteriorate in a frac fluid chemical environment
- Rubber lining resists light abrasive service
- One-piece thin profile disc and stem provide minimum obstruction to flow, highest Cv and lowest pressure drops to ensure highest fluid flow
- Wafer style allows easy in-line valve replacement reducing downtime during operations
- Relay box included for connection to AT-WM-C controller

TECHNICAL INFORMATION

Object of device	Electric actuator
Construction type	Electric control integrate device
Construction type	IP65-IP67
Enclosure	Powder coated steel, colour RAL 7032, IP54, lockable
Ambient temperature range	-20° - + 50°C
Rated voltage used and nature (auxiliary contracts)	250 Vac/30 Vdc
Rated current and loads (auxiliary contracts)	1 A @ 250Vac – 1 A @ 30 Vdc
Section of connections clamps' conductors	0.5 – 1.5mm ²
Maximum torques of clamps screws tightening	0.8Nm / 7 Lb.In

Maximum torques of cap screws tightening 2.5Nm / 22.15 Lb.In

Protection class against electric shock Class I

Restriction of continue operation time (internal restrictions) 120 sec

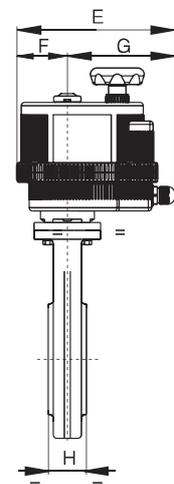
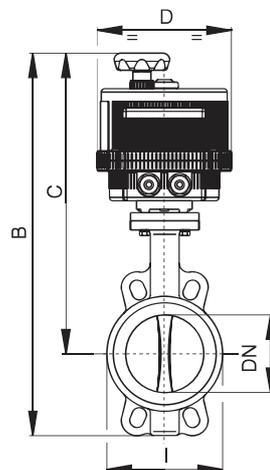
Action type Type 1

Level of pollution Level III

Category of overvoltage III

DIMESNIIONS

DN	65	80	100	150
PN	16	16	16	16
B	432	472	500	579
C	354	383	398	441
D	157	185	185	211
E	191	215	215	237
F	61	68	68	84
G	130	147	147	153
H	46	46	52	56
I	120	127	161	215
ACT.	VB 030	VB 030	VB 030	VB 030
RI	3836	3883	3884	3887



APPROVALS

Electromagnetic compatibility (EMC) EN61326-1

ORDERING INFORMATION

Catalogue number	5150 AT-V-65 65mm Butterfly Valve + Relay Box
	5155 AT-V-80 80mm Butterfly Valve + Relay Box
	5160 AT-V-100 100mm Butterfly Valve + Relay Box
	5165 AT-V-150 150mm Butterfly Valve + Relay Box

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