



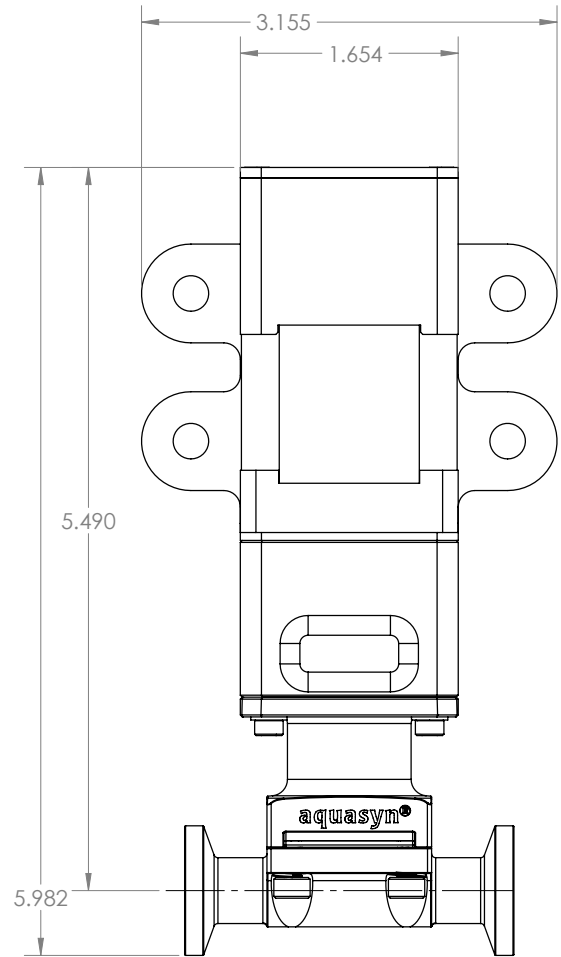
eMaxion[®] Motorized Diaphragm Valves

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Introducing eMaxion[™], a motorized actuator designed for the requirements of the biotech industry. This motorized valve is engineered to enable unparalleled precision of position control and increased efficiency by eliminating compressed air utility.

eMaxion[™] is significantly more compact than comparable offerings of pneumatic and electrical actuators and addresses a complete range of valve automation requirements from discrete on/off to fine modulating control.

Its industry standard motor and electrical connector simplifies implementation.



Technical Data

Performance Data

Operating Pressure	0–6 bar
Stroke Travel Time	3mm/s (max)
Available Sizing	¼ in. – 2 in.
End Connections	Refer to Aquasyn catalog

Electrical Specifications

Control	Bipolar stepper with encoder
Electrical Connector	M 12 5-pin (non-encoder) M 12 8-pin (encoder)
Stroke Resolution	704 steps (can be microstepped)
Supply Voltage	24 V DC

Environmental Ratings

Ingress Protection	IP 65
Ambient Temperature Range	-10°C to 80°C (14°F to 176°F)

Key Benefits

- Minimal Space Requirement
- No Compressed Air
- Industry Standard Stepper
- On/Off to Fine Modulation
- Eliminates Water Hammer
- Visible Position Indicator