



EVA Technical Specification

Plattco’s EVA (electric valve actuator) is a direct drive ¼ turn electric actuator designed specifically to actuate double flap airlock valves. EVA eliminates the need for compressed air, rewriting the rules of double flap valve actuation.

Mechanical specifications:

- EVA’s gearbox is made from heavy duty steel construction, painted to limit corrosion in the most demanding industrial environments.
- EVA’s gearbox is a sealed unit that requires no regular maintenance.
- All internal components come pre-greased. However, the gearbox can be disassembled for future inspection and repair.
- Mechanical mounting of the gearbox to the valve is accommodated through supplied mounting brackets and shaft couplers.

Electrical specifications:

- EVA’s electric motor power options:

Input Power	Full Load Current
120VAC – Single Phase	13.0 amps
240VAC – Single phase	7.0 amps
240VAC – Three phase	7.0 amps

460VAC / 575 VAC three phase versions coming 2026

- The EVA motor control signals:
 - o 24Vdc to control valve open and closed positions
 A timer, PLC or other control signal is required

Compatible Plattco valves:

Valve model	EVA convertible	Environmental Protection	Differential Pressure rating of valve with EVA
PCV-0822	Yes	IP67	2.0 PSI
PCV-0816	Yes	IP67	2.0 PSI
PCV-1022	Yes	IP67	2.0 PSI
PCV-1016	Yes	IP67	2.0 PSI
PCV-1222	Yes	IP67	2.0 PSI
PCV-1216	Yes	IP67	2.0 PSI

Note: More models to be added throughout 2026