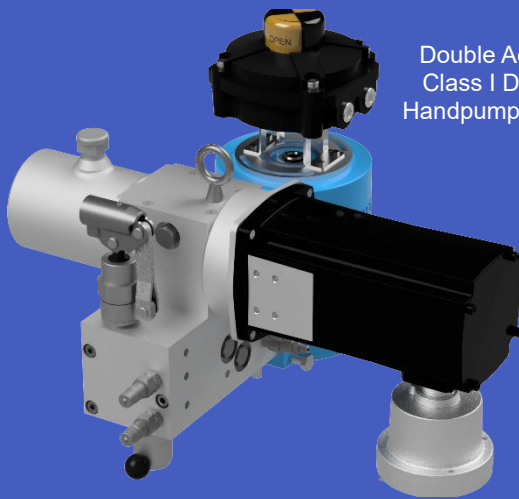


ValvACT
Actuator
Mounted
Power



Double Acting VAMP 24V DC
Class I Division 1 Group C,D
Handpump & Quick Disconnects

DESIGNED FOR AUSTERE ENVIRONMENTS

- SELF-CONTAINED HYDRAULICS
- AVAILABLE 24V DC MOTOR
- SOLAR-READY ELECTRONICS
- CORROSION-RESISTANT MATERIALS

GENERAL DATA

Maximum Torque	26140 in-lb [3000 Nm]
Rotation Angle	90° +2°/-0°
Input Power Options	24V DC 120-240V AC 1Φ 208V AC 3Φ 60-125psi Pneumatic
Pump Speed	Up to 85 in ³ /min [1.4 L/min] DC Up to 232 in ³ /min [3.8 L/min] AC Up to 46 in ³ /min [0.75 L/min] Pneumatic
Environment Rating	Class I Division 1, Group C, D NEMA 4X
Emergency Operation	Optional Hand Pump Quick Disconnects

- Throttling and Open-Close Models available.
- Available standalone or with attached actuator.
- Capable of mounting directly to valves with no bracket.
- Local and remote controls standard.
- AC Models available without control box.



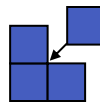
HAZARDOUS LOCATIONS

With available Class I Division 1 Group C and D certification, the VAMP is suitable for hazardous locations.



WEATHER RESISTANCE

A NEMA 4X rating guarantees that the VAMP will survive harsh outdoor conditions.



MODULAR DESIGN

The VAMP is made of easily replaceable modules to reduce cost and enable fast maintenance.



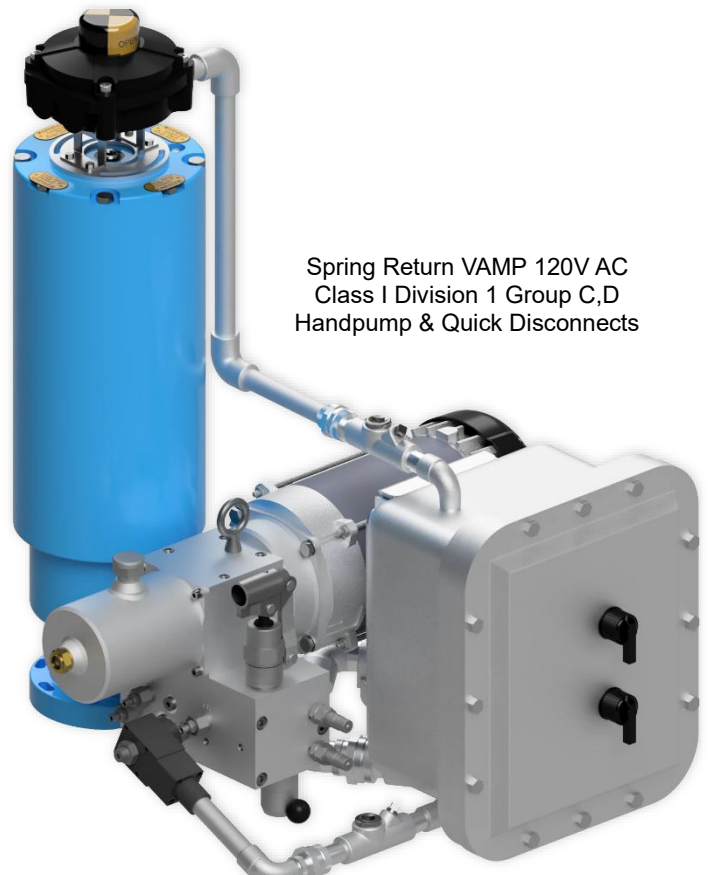
NETWORK CONNECTIVITY

Modbus TCP compatibility allows direct integration with networked control systems.



CUSTOM SOLUTIONS

The VAMP can be tailored for your application with different actuators, pressures, and flow rates.



Spring Return VAMP 120V AC
Class I Division 1 Group C,D
Handpump & Quick Disconnects

UNSTOPPABLE TORQUE WITHOUT THE HYDRAULIC LINES.

POWER AND RELIABILITY RIGHT WHERE IT IS NEEDED.

TORQUE AND SPEED

Double Acting

		SG-250D	SG-500D	SG-1000D	SG-2000D
Displacement, in ³ /90° [cm ³ /90°]		3.0 [50]	6.5 [105]	12 [199]	20 [329]
Torque, in-lb [Nm] at 2000psi [135 bar]		2300 [260]	4500 [510]	9920 [1100]	17700 [2000]
Actuation Time, s	24V DC 2/3 hp [0.5 kW]	2	5	9	14
	120-240V AC 1 hp [0.8 kW]	2	3	6	10
	208-240V AC 2 hp [1.5 kW]	1	2	3	5
	80psi Pneumatic	4	8	16	26

Double-acting opening and closing speed independently hydraulically adjustable. Double-acting VAMP units also available with higher torque and lower speed at 3000psi [210 bar].

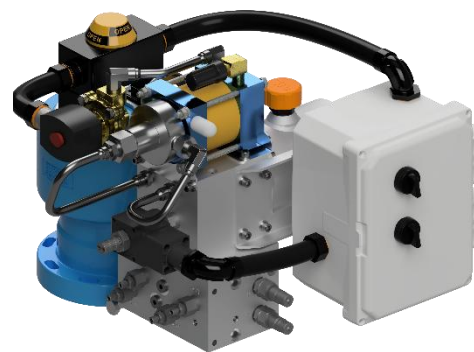
Spring Return

		SG-250	SG-500L	SG-1000L	SG-2000L
Displacement, in ³ /90° [cm ³ /90°]		3.9 [64]	10 [168]	18 [290]	28 [464]
ETC (lowest) Torque, in-lb [Nm] at 3000psi [210 bar]		2220 [250]	4430 [500]	8850 [1000]	17700 [2000]
Opening Time, s	24V DC 2/3 hp [0.5 kW]	6	16	28	44
	120-240V AC 1 hp [0.8 kW]	3	7	12	19
	208-240V AC 2 hp [1.5 kW]	2	4	7	11
	80psi Pneumatic	5	13	23	37

Spring return closing time is significantly faster and hydraulically set.

DESCRIPTION

The VAMP system is an actuator mounted hydraulic power pack designed for quarter-turn actuators. It can be supplied with Eckart HyRAV SG hydraulic actuators for reliable performance with both dual-acting and spring-return, fail-safe options. Additionally, VAMP can be mounted to similarly styled hydraulic actuators from other manufacturers.



Double Acting VAMP Pneumatic NEMA 4X with Quick Disconnects

AIR OVER HYDRAULIC

Available with an air-over-hydraulic piston pump for applications with easy access to pneumatic power.

Operates at pressures as low as 60 psi and can provide up to 3000psi of hydraulic pressure.

Available in both hazardous location and standard weatherproof environmental ratings.

WE'VE WORKED WITH A DIVERSE CUSTOMER BASE. HOW CAN WE HELP YOU?

ValvACT has supplied valve actuation solutions around the world. We're happy to help with your actuation needs.



5904 Jessamine St.
Ste. A-18,
Houston, TX 77081
+1-713-592-0869
www.valvact.com