

Series EVR Electric Actuators

For Use With All Sizes of Ball Valves and Butterfly Valves to 4"



Features

- Manual Override
- Position Indicator
- UL Listed Motor
- Nema 4/4X Housing
- Permanent Lubrication
- 115 VAC Operation
- Mechanical Brake

Options

- Voltage Options: 12 VDC, 24 VDC, 24 VAC and 230 VAC
- Heater and Thermostat
- Timer
- Auxilliary Limit Switches

Manual Override

For on/off applications where it may be necessary to manually override the actuator operation, the Series EVR Actuator is an excellent choice. There is a model for all sizes of True Union Ball Valves, Three-Way Ball Valves and for Butterfly Valves up to 4" in size.

Best for On/Off Applications

The Series EVR Electric Actuators have been designed for on/off applications. The simple, rugged design of the actuator insures that it will function in the most demanding of applications. And this means that you don't have to pay for extra control options that your application doesn't require.

Design Strengths

The EVR Series Actuators are low cost, high performance units. The simplicity of the internal design provides great accessibility and makes wiring installation very easy. The heavy duty, spur gear drive train is one of the most efficient available – resulting in consistent performance and long life in the most severe applications. A shaded-pole electric motor works with the gear train to generate enough torque to operate Ball Valves up to 6" and Butterfly Valves up to 4".

Low Profile Design

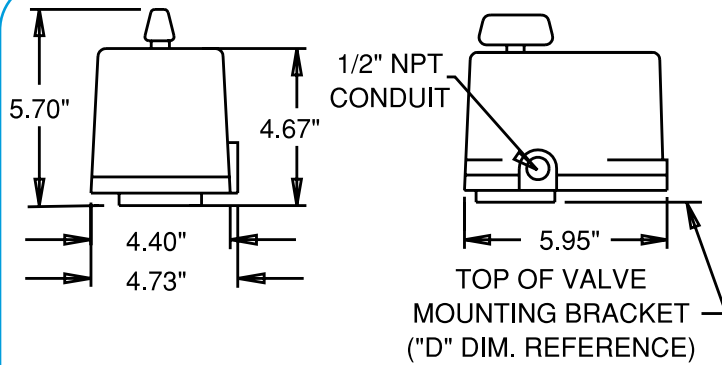
The low profile, compact design of the EVR Series Actuators makes them perfect for applications in limited space areas...places where other electric actuators simply won't fit.

Technical Information

Actuator Specifications

Housing:	PVC	Base:	Epoxy-Coated Zinc Alloy
Conduit Size:	1/2"	Enclosure:	NEMA 4/4X
Duty Cycle:	25%	Mechanical Brake:	Standard
Thermal Overload:	Standard	Motor:	UL Approved

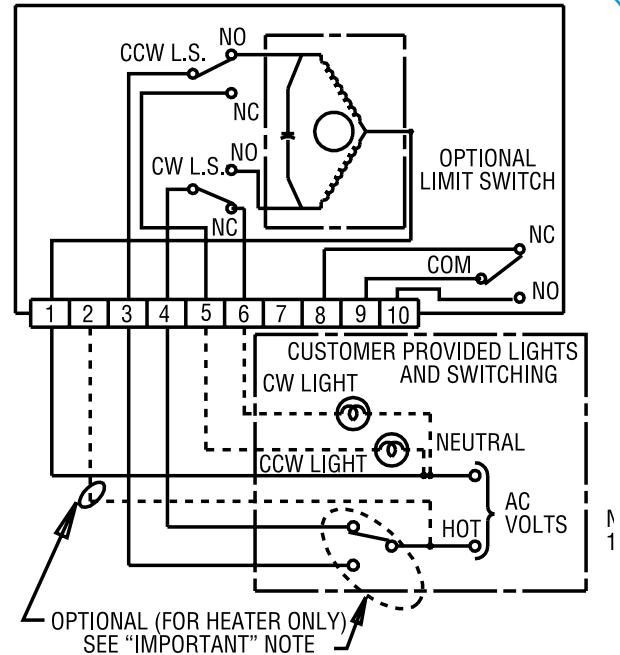
Dimensions / Schematic



Torque Output (in-lb) - Start/Stall	
Model	Torque
EVR2K	150/180
EVR3K	300/360
EVR6K	600/720

IMPORTANT NOTE

REVERSING ELECTRIC ACTUATORS WITH CAPACITOR START MOTORS **MUST** BE WIRED TO INDEPENDENT CONTACTS FOR OPEN/CLOSED OPERATION. **DO NOT** WIRE TWO OR MORE ACTUATORS TOGETHER – AS CAPACITOR DAMAGE WILL OCCUR.



NOTE:

ACTUATOR SHOWN IN FULL CLOCKWISE EXTREME OF RAVEL OR "CLOSED" POSITION

Actuator Selection Chart

Valve Size	True Union Ball Valve*	Butterfly Valve*	Three Way Ball Valve*
1/2 to 1"	EVR2K	N/A	EVR2K
1-1/2" to 2"	EVR2K	EVR3K	EVR2K
2-1/2"	EVR3K	N/A	EVR6K
3"	EVR3K	EVR3K	EVR6K
4"	EVR3K	EVR6K	EVR6K
6"	EVR3K	N/A	EVR6K

* Actuator selections based on clean water at 70°F



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