

# Threaded Internal Valves with Electric Actuator For Bobtail Delivery Trucks, Transports and Stationary Storage Tanks EA3213D Series

## Application

Designed primarily for use with LP-Gas and anhydrous ammonia for liquid withdrawal; vapor transfer or vapor equalization of bobtail delivery trucks, transports, stationary storage tanks, and in-line installations.

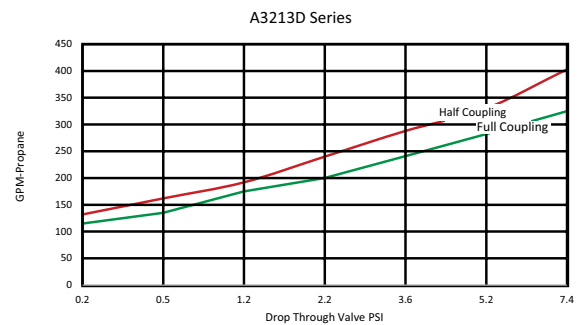
## Features

- One piece body construction.
- Spring loaded V-packing with heavy duty wiper ring on operating shaft for dependable leak-free construction.
- Nylon bearing supported operating shaft provides smooth, easy operation.
- Excess flow valve feature
- Return spring forces the valve lever to the closed position when the power is de-energized.
- All critical operating components are located in the valve body and inside the container coupling for maximum protection against damage.
- Midway stem position (rapid bleed) allows for quick pressure equalization.
- Equipped with 212° F, UL listed fuse link for thermal protection.
- Provides a convenient means of electrically opening and closing the valve from a remote location.
- CSA/UL rated Explosion Proof Enclosure on the actuator.
- Class I, Div 1 Groups B, C, D, / T6
- 12-24VDC
- Internal Valve is UL Listed and TPED Certified
- Electric Actuator is ATEX Certified



## Materials

Body ..... Ductile Iron  
 Operating Lever..... Cadmium Plated Steel  
 Stem ..... Stainless Steel  
 Springs ..... Stainless Steel  
 Seat Disc ..... Resilient Synthetic Rubber  
 Shaft Bearing..... Nylon



## Ordering Information

| Part Number  | Inlet Connection<br>M.NPT | Outlet Connections<br>FNPT | Voltages  | Closing Flow Half Coupling (GPM) |                 | Closing Flow Full Coupling (GPM) |                 | LP-Gas Vapor Capacity** (SCFH/Propane) |                |
|--------------|---------------------------|----------------------------|-----------|----------------------------------|-----------------|----------------------------------|-----------------|--|----------------|
|              |                           |                            |           | LPG                              | NH <sub>3</sub> | LPG                              | NH <sub>3</sub> | 25 PSIG Inlet                          | 100 PSIG Inlet |
| EA3213D150   | 3"                        | 3"                         | 12/24 VDC | 150                              | 135             | 125                              | 113             | 26,900                                 | 45,900         |
| EA3213D200   |                           |                            |           | 200                              | 180             | 160                              | 144             | 32,300                                 | 55,100         |
| EA3213D300   |                           |                            |           | 300                              | 270             | 250                              | 225             | 50,500                                 | 86,500         |
| EA3213D400   |                           |                            |           | 400                              | 360             | 325                              | 293             | 71,400                                 | 121,300        |
| EA3213DT150* |                           |                            |           | 150                              | 135             | 125                              | 113             | 26,900                                 | 45,900         |
| EA3213DT200* |                           |                            |           | 200                              | 180             | 160                              | 144             | 32,300                                 | 55,100         |
| EA3213DT300* |                           |                            |           | 300                              | 250             | 250                              | 225             | 50,500                                 | 86,500         |
| EA3213DT400* |                           |                            |           | 400                              | 325             | 325                              | 293             | 71,400                                 | 121,300        |

\* T-body design