

# 2" & 3" Threaded Internal Valves

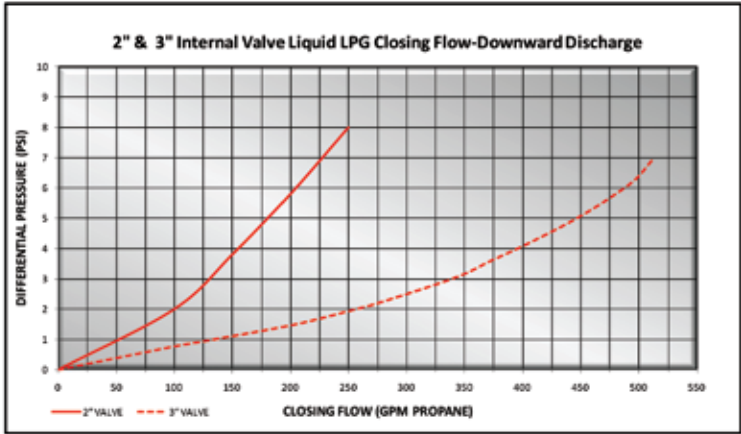
## Features

- Durable ductile body with cadmium surface plating
- All stainless internal part construction
- One piece threaded packing gland
- Precision machined hard coated stem
- Fully retained nitrile seat disc
- Largest variety of excess flow closing values
- Roller cam actuation
- Industry's fastest bleed time
- Removable data plate
- Industry's easiest valve to service
- Standard construction utilizes nitrile seals
- Available with Neoprene, Viton™, or Kalrez™ seals
- UL Listed for LPG & NH<sub>3</sub> service
- Rulon™ bearings on stem and stub shafts



## Description

Intended for use on transport trucks and large storage tanks with 2" or 3" threaded connections in directional or bi-directional flow applications. Provides both manual shut-down and excess flow closing in the event of the piping being seperated from the valve. Can be equipped with manual latch, pneumatic or rotary actuator open/ closing devices. All valve models are equipped with a break-away feature in the cast body which permits the piping to shear off in the event of side impact, leaving the valve poppet intact and protecting the tank from catastrophic product loss. For liquid or vapor service applications



| "X" | 2" Valve Liquid Closing Flow Values |
|-----|-------------------------------------|
| 110 | 110 GPM LPG Closing Flow            |
| 160 | 160 GPM LPG Closing Flow            |
| 260 | 260 GPM LPG Closing Flow            |

| "X" | 3" Valve Liquid Closing Flow Values |
|-----|-------------------------------------|
| 175 | 175 GPM LPG Closing Flow            |
| 250 | 250 GPM LPG Closing Flow            |
| 300 | 300 GPM LPG Closing Flow            |
| 375 | 375 GPM LPG Closing Flow            |
| 475 | 475 GPM LPG Closing Flow            |
| 500 | 500 GPM LPG Closing Flow            |

\* For NH<sub>3</sub> multiply GPM by .90



| MEC Excelerator™ 2" & 3" Threaded Internal Valves |   |
|---|---|
| Part No. *  | Description   |
| ME990-16-"X"                                      | Excelerator™ 2" MNPT x 2" FNPT Internal Valve - Only                    |
| ME990A-16-"X"                                     | Excelerator™ 2" MNPT x 2" FNPT Internal Valve - with Pnuematic Actuator |
| ME990AR-16-"X"                                    | Excelerator™ 2" MNPT x 2" FNPT Internal Valve - with Rotary Actuator    |
| ME990M-16-"X"                                     | Excelerator™ 2" MNPT x 2" FNPT Internal Valve - with Manual Latch       |
| ME990-24-"X"                                      | Excelerator™ 3" MNPT x 3" FNPT Internal Valve - Only                    |
| ME990A-24-"X"                                     | Excelerator™ 3" MNPT x 3" FNPT Internal Valve - with Pnuematic Actuator |
| ME990AR-24-"X"                                    | Excelerator™ 3" MNPT x 3" FNPT Internal Valve - with Rotary Actuator    |
| ME990M-24-"X"                                     | Excelerator™ 3" MNPT x 3" FNPT Internal Valve - with Manual Latch       |

\* Note: Indicate desired excess flow closing value when ordering - see chart for values  
Example: ME990-24-250 (250 GPM)

Please see back page for service and repair kits

Ohio ~ 800.537.7518 • Kentucky ~ 800.448.9504 • Indiana ~ 800.662.3252  
Missouri ~ 800.821.3878 • Minnesota ~ 800.328.6291 • Colorado ~ 800.821.3878  
Fax ~ 800.383.4664



## 2" & 3" Threaded Internal Valves Accessories, Service Kits and Repair Parts

| Accessories      |  |
|------------------|--|
| Part No.         | Description  |
| <b>MEP990-24</b> | <b>Excelerator<sub>TM</sub> Manual Latch Assembly for 2" &amp; 3" Threaded Internal Valves</b> |
| <b>MEP650</b>    | Open/Close Cable Control Release with 50' Cable  |
| <b>MEP651</b>    | Open/Close Cable Control Release - Only  |
| <b>ME206</b>     | PowerStroke Actuator   |
| <b>ME226</b>     | PowerTorq Direct Drive Actuator  |

| Service Kits & Repair Parts |  |
|-----------------------------|--|
| Part No.                    | Description  |
| <b>ME990-16-VRK</b>         | <b>Excelerator<sub>TM</sub> 2" Internal Valve Complete Valve Repair Kit</b>        |
| <b>ME990-16-SRK</b>         | <b>Excelerator<sub>TM</sub> 2" Internal Valve Seal Repair Kit</b>                  |
| <b>ME990-16-106-"X" *</b>   | <b>Excelerator<sub>TM</sub> 2" Internal Valve Excess Flow Spring</b>               |
| <b>ME990-24-VRK</b>         | <b>Excelerator<sub>TM</sub> 3" Internal Valve Complete Repair Kit</b>              |
| <b>ME990-24-SRK</b>         | <b>Excelerator<sub>TM</sub> 3" Internal Valve Seal Repair Kit</b>                  |
| <b>ME990-106-"X" *</b>      | <b>Excelerator<sub>TM</sub> 3" Internal Valve Excess Flow Spring</b>               |
| <b>ME990-PGA</b>            | <b>Excelerator<sub>TM</sub> 2" &amp; 3" Internal Valve Packing Gland Assembly</b>  |
| <b>ME990-PRK</b>            | <b>Excelerator<sub>TM</sub> 2" &amp; 3" Internal Valve Stem Packing Repair Kit</b> |
| <b>ME990-140</b>            | <b>Excelerator<sub>TM</sub> 2" &amp; 3" Manual Operating Lever - Standard</b>      |
| <b>ME990-160</b>            | Universal Internal Valve Fusible Link - 212° F.                                    |
| <b>MEP147-01</b>            | Cable Connector Ring for 1-1/4" - 3" Internal Valves                               |

\* Note: Indicate desired excess flow closing value when ordering - see chart for values  
 Example: ME990-16-106-260 (260 GPM) IE: ME990-107-250 (250 GPM)