

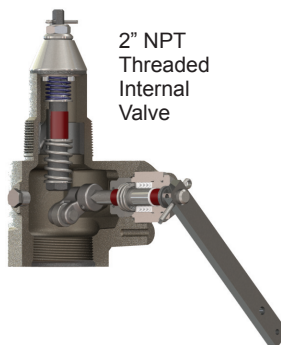
2" & 3" Threaded Internal Valves

Features

- Durable ductile body with cadmium surface plating
- All stainless internal component 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 & NH₃ service
- Rulon™ bearings on stem and stub shafts



ME990M-16 Series



2" NPT
Threaded
Internal
Valve

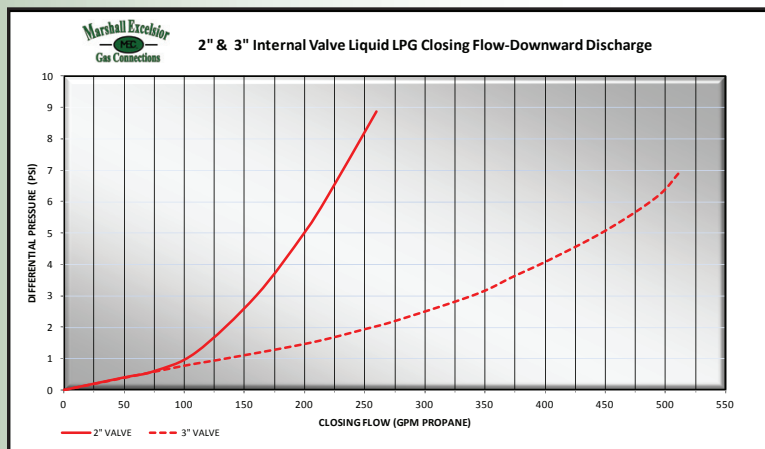
ME990-24 Series



3" NPT
Threaded
Internal
Valve

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 separated 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
400	400 GPM LPG Closing Flow
475	475 GPM LPG Closing Flow
500	500 GPM LPG Closing Flow

* For NH₃ multiply GPM by .90

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

* Note: Indicate desired excess flow closing value when ordering - see chart for values
i.e. ME990-24-250 (250 GPM)
To order Kalrez® add "K" for Kalrez® after the prefix part number i.e. ME990K-16-160
To order Neoprene add "N" for Neoprene after the prefix part number i.e. ME990N-16-160
To order Viton® add "V" for Viton® after the prefix part number i.e. ME990V-16-160

PLEASE SEE BACK PAGE FOR ACCESSORIES, SERVICE AND REPAIR KITS

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

Service Kits & Repair Parts	
Part No.	Description
ME990-16-VRK	Excelerator™ 2" Internal Valve Complete Valve Repair Kit
ME990-16-SRK	Excelerator™ 2" Internal Valve Seal Repair Kit
ME990-16-106-"X" *	Excelerator™ 2" Internal Valve Excess Flow Spring
ME990-24-VRK	Excelerator™ 3" Internal Valve Complete Repair Kit
ME990-24-SRK	Excelerator™ 3" Internal Valve Seal Repair Kit
ME990-106-"X" *	Excelerator™ 3" Internal Valve Excess Flow Spring
ME990-PGA	Excelerator™ 2" & 3" Internal Valve Packing Gland Assembly
ME990-PRK	Excelerator™ 2" & 3" Internal Valve Stem Packing Repair Kit
ME990-140	Excelerator™ 2" & 3" Manual Operating Lever - Standard
ME990-160	Universal Internal Valve Fusible Link - 212° F.
MEP147-01	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)

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