

# MEC *Excelsior*™ 1-1/4" Threaded Internal Valves

## Description

Intended for use on bobtail trucks and storage tanks with 1-1/4" threaded connections in directional or bi-directional flow applications. Provides both manual shut-down as well as 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.

## Features

- Durable cast steel body with powder coat finish
- All stainless internal component construction
- Precision machined hard coated stem
- Fully retained nitrile seat disc
- Large 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, FKM, or FFKM seals
- UL LISTED for LPG & NH<sub>3</sub> service
- Available with 316 Stainless Steel Body
- Rulon™ bearing on stub shaft



"X"	1-1/4" Valve Liquid Closing Flow Values
35	35 GPM LPG Closing Flow
55	55 GPM LPG Closing Flow
85	85 GPM LPG Closing Flow

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

MEC <i>Excelsior</i> ™ 1-1/4" Threaded Internal Valves	
Part No. *	Description
ME990-10-"X"	<i>Excelsior</i> ™ 1-1/4" MNPT x 1-1/4" FNPT Internal Valve - Only
ME990-10/12-"X"	<i>Excelsior</i> ™ 1-1/4" MNPT x 1-1/2" FNPT Internal Valve - Only
ME990A-10-"X"	<i>Excelsior</i> ™ 1-1/4" MNPT x 1-1/4" FNPT Internal Valve - with Pnuematic Actuator
ME990A-10/12-"X"	<i>Excelsior</i> ™ 1-1/4" MNPT x 1-1/2" FNPT Internal Valve - with Pnuematic Actuator
ME990AR-10-"X"	<i>Excelsior</i> ™ 1-1/4" MNPT x 1-1/4" FNPT Internal Valve - with Rotary Actuator
ME990AR-10/12-"X"	<i>Excelsior</i> ™ 1-1/4" MNPT x 1-1/2" FNPT Internal Valve - with Rotary Actuator
ME990M-10-"X"	<i>Excelsior</i> ™ 1-1/4" MNPT x 1-1/4" FNPT Internal Valve - with Manual Latch
ME990M-10/12-"X"	<i>Excelsior</i> ™ 1-1/4" MNPT x 1-1/2" FNPT Internal Valve - with Manual Latch

\* Note: Indicate desired excess flow closing value when ordering - see chart for values  
 i.e. ME990-10-85 (85 GPM)  
 To order FFKM add "K" after the prefix part number i.e. ME990K-10-35  
 To order Neoprene add "N" for Neoprene after the prefix part number i.e. ME990N-10-35  
 To order FKM add "V" after the prefix part number i.e. ME990V-10-35

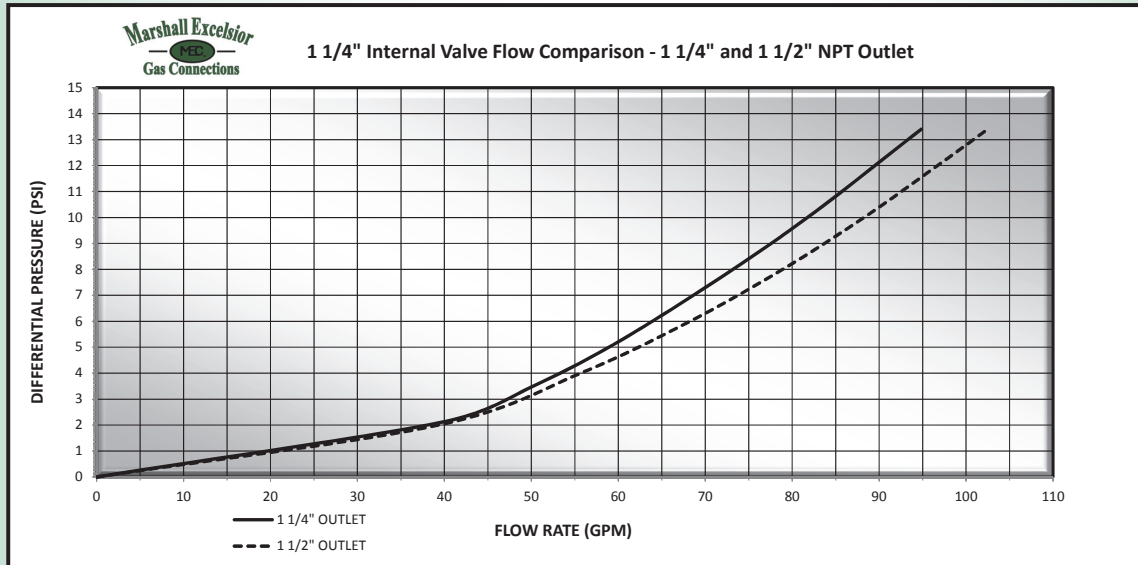
\* PLEASE SEE BACK PAGE FOR FLOW COMPARISION GRAPHS, ACCESSORIES, SERVICE AND REPAIR KITS \*



For Your Local Marshall Excelsior Distributor Call 269-789-6700,  
 Fax 269-781-8340 or E-mail: sales@marshallexcelsior.com  
 www.marshallexcelsior.com



# MEC *Excelerator*™ 1-1/4" Threaded Internal Valves



ACCESSORIES	
Part No.	Description
ME990-10-902	Excelerator™ Manual Latch Assembly for 1-1/4" Threaded Internal Valves
MEP650	Open/Close Cable Control Release with 50' Cable
MEP651	Open/Close Cable Control Release - Only
ME205	Fastroke Actuator
ME225	PowerTorq Direct Drive Actuator

SERVICE KITS & REPAIR PARTS	
Part No.	Description
ME990-10-VRK	Excelerator™ 1-1/4" Internal Valve Complete Valve Repair Kit
ME990-10-SRK	Excelerator™ 1-1/4" Internal Valve Seal Repair Kit
ME990-10-PGA	Excelerator™ 1-1/4" Internal Valve Packing Gland Assembly
ME990-10-PRK	Excelerator™ 1-1/4" Internal Valve Stem Packing Repair Kit
MEP147-01	Cable Connector Ring for 1-1/4" - 3" Internal Valves
ME990-10-129	Excelerator™ 1-1/4" Manual Operating Lever
ME990-160	Universal Internal Valve Fusible Link - 212° F.

EXCESS FLOW SPRINGS			
Part No. *	Description	Closing Flow	Color
ME990-10-106-35	Excelerator™ 1-1/4" Single Flange Internal Valve Stainless Steel Excess Flow Spring	35 GPM	Blue
ME990-10-106-55		55 GPM	Green
ME990-10-106-85		85 GPM	Orange



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