

# MEC *Excela-Flange*™ Series

## 1-1/4" MNTP x 4 Bolt Flange Internal Valve

### Description


The ME991-10 Series valves feature our new modular Excel-Flange 4 bolt outlet flange design that can be easily adapted to both NTP thread or socket weld type B companion flanges (ME842 & ME843 Series) ranging from 1-1/4" to 2" in diameter making it universal to piping sizes within this range. This innovative system allows installers the ability to eliminate unnecessary connections as well as possible leak points by integrating a convenient 4 bolt flange union at the valve outlet. 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 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.

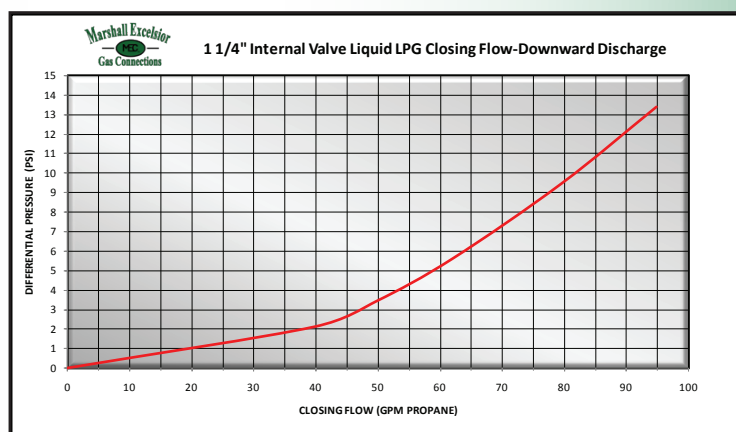
### ME991-10



1-1/4" MNPT x 4 Bolt Flange Internal Valve

### Features

- Durable 316 SS body
- 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
-  LISTED for LPG & NH<sub>3</sub> service
- Rulon™ bearing on stub shaft
- 4 Bolt universal outlet flange for built in union joint



MEC <i>Excela-Flange</i> ™ 1-1/4" NPT x 4 Bolt Internal Valves	
Part No. *	Description
ME991-10-"X"	<i>Excela-Flange</i> ™ 1-1/4" MNPT x 4 Bolt Type A Flange Internal Valve - Only
ME991A-10-"X"	<i>Excela-Flange</i> ™ 1-1/4" MNPT x 4 Bolt Type A Flange Internal Valve - w/Pneumatic Actuator
ME991AR-10-"X"	<i>Excela-Flange</i> ™ 1-1/4" MNPT x 4 Bolt Type A Flange Internal Valve - w/Rotary Actuator
ME991M-10-"X"	<i>Excela-Flange</i> ™ 1-1/4" MNPT x 4 Bolt Type A Flange Internal Valve - w/Manual Latch
* Note: Indicate desired excess flow closing value when ordering - see chart for values i.e. ME991-10-85 (85 GPM) To order FFKM add "K" after the prefix part number i.e. ME991K-10-35 To order Neoprene add "N" for Neoprene after the prefix part number i.e. ME991N-10-35 To order FKM add "V" after the prefix part number i.e. ME991V-10-35	

Accessories - MEC Flat Face Type B Flanges	
Part No.	Description
ME842-10-107	1-1/4" FNPT Tapped 4 Bolt Flat Face Type B Flange Adapter
ME843-10-107	1-1/4" Socket Weld 4 Bolt Flat Face Type B Flange Adapter
ME842-12-107	1-1/2" FNPT Tapped 4 Bolt Flat Face Type B Flange Adapter
ME843-12-107	1-1/2" Socket Weld 4 Bolt Flat Face Type B Flange Adapter
ME842-16-107	2" FNPT Tapped 4 Bolt Flat Face Type B Flange Adapter
ME843-16-107	2" Socket Weld 4 Bolt Flat Face Type B Flange Adapter

"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



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