

# MEC Excelsior™

## 2" & 3" MNPT x 300LB Flanged 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, FFKM, or FKM seals
- UL LISTED for LPG & NH<sub>3</sub> service
- Rulon™ bearings on stem and stub shafts Rulon™
- Xylan coated corrosion resistant mounting studs & gaskets included

ME991-16



2" MNPT x 2"- 300LB  
Flanged Internal Valve

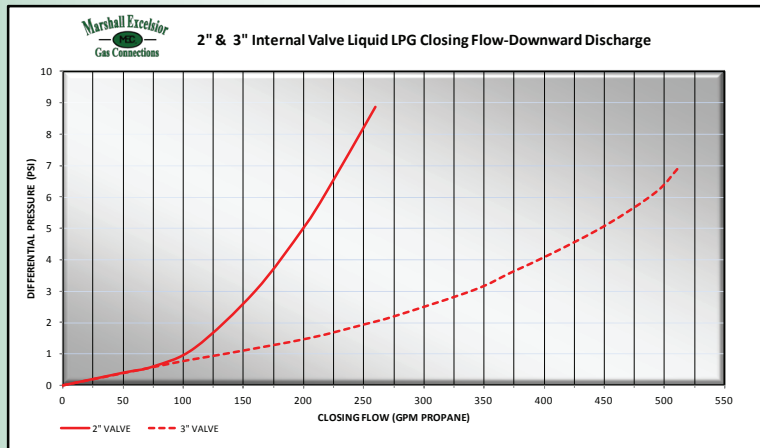
ME991-24



3" MNPT x 3"- 300LB  
Flanged 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. The ME991-16 & ME991-24 Series feature standard 300# outlet flanges for fast reliable piping connections downstream of the tank. Ideally suited for existing tanks with NPT threaded couplings but downstream welded piping is desirable. 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
475	475 GPM LPG Closing Flow
500	500 GPM LPG Closing Flow

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

MEC Excelsior™ 2" & 3" MNPT x 300# Flange Internal Valves	
Part No. *	Description
ME991-16-"X"	Excelsior™ 2" MNPT x 2"-300# Flange Internal Valve - Only
ME991A-16-"X"	Excelsior™ 2" MNPT x 2"-300# Flange Internal Valve - with Pneumatic Actuator
ME991AR-16-"X"	Excelsior™ 2" MNPT x 2"-300# Flange Internal Valve - with Rotary Actuator
ME991M-16-"X"	Excelsior™ 2" MNPT x 2"-300# Flange Internal Valve - with Manual Latch
ME991-24-"X"	Excelsior™ 3" MNPT x 3"-300# Flange Internal Valve - Only
ME991A-24-"X"	Excelsior™ 3" MNPT x 3"-300# Flange Internal Valve - with Pneumatic Actuator
ME991AR-24-"X"	Excelsior™ 3" MNPT x 3"-300# Flange Internal Valve - with Rotary Actuator
ME991M-24-"X"	Excelsior™ 3" MNPT x 3"-300# Flange Internal Valve - with Manual Latch

\* Note: Indicate desired excess flow closing value when ordering - see chart for values  
i.e. ME991-24-250 (250 GPM)  
To order FFKM add "K" after the prefix part number i.e. ME991K-16-160  
To order Neoprene add "N" for Neoprene after the prefix part number i.e. ME991N-16-160  
To order FKM add "V" after the prefix part number i.e. ME991V-16-160



PLEASE SEE BACK PAGE FOR 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



## ACCESSORIES

MEC Universal Flange Kits	
Part No.	Description
<b>ME840-10F</b>	1-1/4" FNPT 4 Bolt Flange Adapter Plate w/ Bolts & O-Ring
<b>ME841-10F</b>	1-1/4" Socket Weld 4 Bolt Flange Adapter Plate w/ Bolts & O-Ring
<b>ME840-12F</b>	1-1/2" FNPT 4 Bolt Flange Adapter Plate w/ Bolts & O-Ring
<b>ME841-12F</b>	1-1/2" Socket Weld 4 Bolt Flange Adapter Plate w/ Bolts & O-Ring
<b>ME840-16F</b>	2" FNPT 4 Bolt Flange Adapter Plate w/ Bolts & O-Ring
<b>ME841-16F</b>	2" Socket Weld 4 Bolt Flange Adapter Plate w/ Bolts & O-Ring
<b>MEP840-10</b>	1-1/4" FNPT 4 Bolt 90° Flange Adapter Elbow w/ Bolts & O-Ring
<b>MEP841-10</b>	1-1/4" Socket Weld 4 Bolt 90° Flange Adapter Elbow w/ Bolts & O-Ring
<b>MEP840-12</b>	1-1/2" FNPT 4 Bolt 90° Flange Adapter Elbow w/ Bolts & O-Ring
<b>MEP841-12</b>	1-1/2" Socket Weld 4 Bolt 90° Flange Adapter Elbow w/ Bolts & O-Ring
<b>MEP840-16</b>	2" FNPT 4 Bolt 90° Flange Adapter Elbow w/ Bolts & O-Ring
<b>MEP841-16</b>	2" Socket Weld 4 Bolt 90° Flange Adapter Elbow w/ Bolts & O-Ring



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