

# Next Generation MEC<sup>™</sup> Excelerator<sup>™</sup> 3" Double Flanged Off-Set Internal Valves

## Features

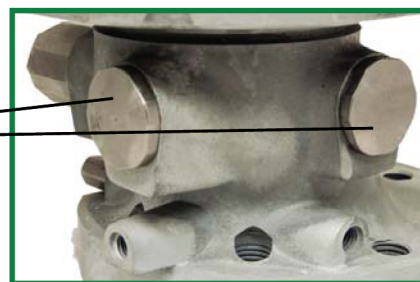
- Body outlet flange offset 2" from inlet flange
- Rotate valve body in either direction 1 bolt hole to reduce offset to 1-1/4"
- Standard with 3 gland ports for stem relocation (2 plugged)
- Each gland port can accept pneumatic or rotary type actuators
- Durable steel body with cadmium surface plating
- All stainless internal component construction
- One piece threaded packing gland
- Precision machined hard coated stem & stem guide
- Fully retained nitrile seat disc
- Largest variety of excess flow closing values
- Corrosion resistant sleeved flange bolt holes
- Xylan coated corrosion resistant mounting studs
- 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<sup>®</sup>, or Kalrez<sup>®</sup> seals
- Available with 316 Stainless Steel bodies
- UL LISTED for LPG & NH<sub>3</sub> service
- Rulon<sup>™</sup> bearings on stem and stub shafts

PATENT PENDING

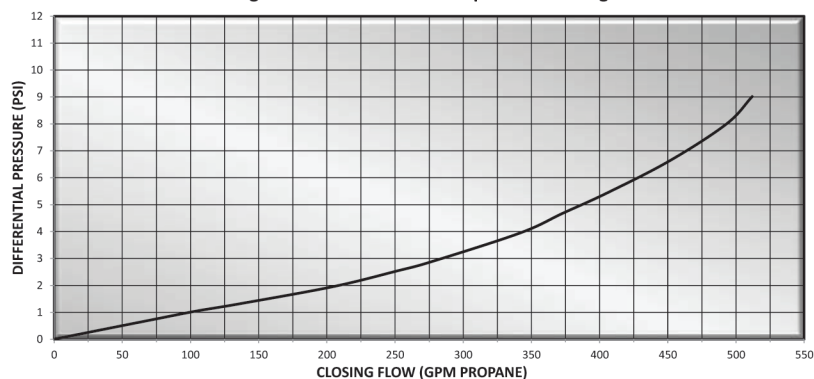


ME990S-3DFO

Alternate Gland Ports



3" Double Flange Offset Internal Valve Liquid 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 NH<sub>3</sub> Multiply GPM by .90

MEC Excelerator <sup>™</sup> 3" Double Flanged Offset Internal Valves	
Part No. *	Description
ME990S-3DFO-"X"	Excelerator <sup>™</sup> 3" Double Flange Offset Bobtail Internal Valve - Only
ME990SA-3DFO-"X"	Excelerator <sup>™</sup> 3" Double Flange Offset Bobtail Internal Valve - with Pneumatic Actuator
ME990SAR-3DFO-"X"	Excelerator <sup>™</sup> 3" Double Flange Offset Bobtail Internal Valve - with Rotary Actuator

\* Note: Indicate desired excess flow closing value when ordering - see chart for values i.e. ME990S-3DFO-250 (250 GPM)  
 To order Kalrez<sup>®</sup> add "K" for Kalrez<sup>®</sup> after the prefix part number i.e. ME990SK-3DFO-300  
 To order Neoprene add "N" for Neoprene after the prefix part number i.e. ME990SN-3DFO-300  
 To order Viton<sup>®</sup> add "V" for Viton<sup>®</sup> after the prefix part number i.e. ME990SV-3DFO-300



PLEASE SEE BACK PAGE FOR SERVICE AND REPAIR KITS

## Service & Repair Parts



MEC Excelerator™ 3" Internal Valve Model 3DFO - Accessories	
Part No.	Description
ME207	PowerStroke Actuator
ME227	PowerTorq Direct Drive Actuator

MEC Excelerator™ 3" Offset Double Flange Internal Valve - Service Kits & Repair Parts	
Part No.	Description
ME990-24-VRK	Excelerator™ 3", 3" DF, 3" DFM Internal Valve - Complete Rebuild Kit
ME990-24-SRK	Excelerator™ 3", 3" DF, 3" DFM Internal Valve - Seal Repair Kit
ME990-PRK	Excelerator™ 2" & 3" Internal Valve - Stem Packing Repair Kit
ME990-PGA	Excelerator™ 2" & 3" Internal Valve Packing Gland Assy.
ME990-106-"X" *	Excelerator™ 3" Internal Valve Excess Flow Spring
MEP147-01	Cable Connector Ring for 1-1/4" - 3" Internal Valves
ME990-140	Excelerator™ 2" & 3" Manual Operating Lever - Standard
ME990-160	Universal Internal Valve Fusible Link - 212° F.
ME990-3DF-121	Excelerator™ 3" Double Flange Self-Guiding Poppet Retaining Nut
ME990-3DF-122	Excelerator™ 3" Double Flange Retaining Nut Roll Pin
ME990-3DF-138	Excelerator™ 3" Double Flange Screen Mounting Post
ME990-3DF-144	Excelerator™ 3" Double Flange Filter Screen Perforated Steel
ME990-3DF-145	Excelerator™ 3" Double Flange Filter Cap Perforated Steel
ME990-3DF-146	Excelerator™ 3" Double Flange Screen Mounting Post - Locknut
ME990-3DF-148	Excelerator™ 3" Double Flange Stem Guide Bracket
ME930-244	Excelerator™ 3" Double Flange Stem Guide Bracket Screw #10-32
ME904SK-01	3" Modified Single & Double Flange Internal Valve Tank Side Mount Stud 3" OAL - B7
ME990-151	3" Bobtail Double Flange Internal Valve Tank Side Mount Stud 3-1/2" OAL - B7
ME904SK-02	3" Internal Valve Mount Stud Standard Hex Nut 3/4 - 10 B8
ME990-3DF-153	Excelerator™ 3" Double Flange Internal Valve Inlet Flange Gasket
ME904S-3F-027	Excelerator™ 3" Double Flange Outlet / 3" Modified Inlet Flange Gasket
ME990-3DFO-102	Offset Stand-Off 1/2-13UNC-2A x 5/16-24UNF-2A x 1.67" OAL - SS
ME990-3DFO-103	Offset Gland Plug 1-3/8-12UNF-2A x 1-5/8" HX - SS

\* Note: Indicate desired excess flow closing value when ordering - see chart for values  
 Example: ME990S-3DFO-250 (250 GPM)



OH 800-537-7518 | KY 800-448-9504 | IN 800-662-3252 | MO 800-821-3878 | MN 800-328-6291

Your questions answered by the people who know propane equipment.