

Full Internal Relief Valves

MEV200FIR & MEV300FIR



Application:

Designed for use in mobile LPG & NH₃ containers as a primary pressure relief valve for bobtail and transport trailer installations. All working components are internal to the container connection preventing damage to the valve should a roll-over occur.

Features:

- Durable stainless steel body construction.
- All stainless steel internal components for maximum corrosion resistance.
- Available with Nitrile, Viton®, or Kalrez® valve seals.
- Large seating surface for superior seal performance & reliability.
- Available with 250 & 265 PSI set pressures.

Part No.	STD / PSIG	Container Connection	Installation Hex	Flow Capacity SCFM/AIR**	Service		Seat Material
				UL @ 120% Set Pressure	LPG	NH ₃	
MEV200FIR/250	250	2" MNPT	1-1/2"	4460	Yes	Yes	Nitrile
MEV200FIR/265	265	2" MNPT	1-1/2"	4670	Yes	Yes	Nitrile
MEV200FIRV/250	250	2" MNPT	1-1/2"	4460	Yes	No	Viton®
MEV200FIRV/265	265	2" MNPT	1-1/2"	4670	Yes	No	Viton®
MEV200FIRK/250*	250	2" MNPT	1-1/2"	4460	Yes	Yes	Kalrez® ~
MEV200FIRK/265*	265	2" MNPT	1-1/2"	4670	Yes	Yes	Kalrez® ~
MEV300FIR/250	250	3" MNPT	2-1/2"	10865	Yes	Yes	Nitrile
MEV300FIR/265	265	3" MNPT	2-1/2"	11600	Yes	Yes	Nitrile
MEV300FIRV/250	250	3" MNPT	2-1/2"	10865	Yes	No	Viton®
MEV300FIRV/265	265	3" MNPT	2-1/2"	11600	Yes	No	Viton®
MEV300FIRK/250*	250	3" MNPT	2-1/2"	10865	Yes	Yes	Kalrez® ~
MEV300FIRK/265*	265	3" MNPT	2-1/2"	11600	Yes	Yes	Kalrez® ~

* Seat Material not UL listed

** Flow rates are shown as bare relief valves, pipe-aways will reduce flow.

*** Size relief capacity per NFPA 58, table 5.7.2.5

~ Recommended for LPG & NH₃ Dual Service Applications

Accessories

Part No.	Description
ME200FIR-09	2" Internal Relief Valve Cap & Lanyard
ME300FIR-09	3" Internal Relief Valve Cap & Lanyard
MEP200FIR	1-1/2" Hex Installation Tool for MEV200FIR Valves
MEP300FIR	2-1/2" Hex Installation Tool for MEV300FIR Valves



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