

# MV-BE

## METAL VENT-BUCKET ELEVATOR

Oseco's MV-BE (Metal Vent-Bucket Elevator) explosion vent is a heavy duty design to protect bucket elevators operating under high vibration or other demanding applications.

The MV-BE comes with a built-in outlet frame that eliminates the need to fabricate an angle iron hold down frame. It also comes with an attached gasket.

The MV-BE is designed to meet NFPA 61 (0.75 psig) and NFPA 68 requirements.

### Oseco's MV-BE is designed to protect bucket elevators during deflagrations.

- Size Range 12" x 18" to 18" x 36"
- Custom sizes and pressures available upon request
- Set Pressure Range 0.75 psig to 10 psig (0.05 barg to .9 barg)
- Non-fragmenting design
- Vacuum not recommended
- Temperature range -40° to 180° F
- Materials of Construction: 316 Stainless Steel, Silicone Sealant, Neoprene Gasket (other gasket materials, including FDA gasket, are also available)
- Meets NFPA 61 (0.75 psig) and NFPA 68 regulations



#### **Common Applications**

Bucket Elevators

#### **Operating Ratio**

50% of stamped max burst pressure

#### **Burst Tolerance**

+/-0.25 psig at 0.75 psig



## Related Products

**SENSORS**  
SVT-03

Let us help you with all  
your pressure relief questions.  
Call us at **(800) 395-3475**  
or email us at **info@oseco.com**.  
**www.oseco.com**

