



Product Data

Diaphragm Seals Type E Series Economy Diaphragm Seals



DESCRIPTION

The Mansfield & Green E Series Diaphragm Seals are miniature seal elements designed for operations in new construction and MRS applications. These all-welded, 316L stainless steel seals are an excellent alternative to high-cost custom or specialty seals. They feature a diaphragm that is welded directly to the housing.

E Series seals are ideal for any application where process media and pressure pulsation may adversely affect the life of the gauge component. Typical applications include spray paint equipment, agricultural equipment, water and waste equipment, and chlorine treatment equipment.

E Series seals feature a unique construction that is free of bolts and gaskets. These seals protect against leakage and fugitive emissions as defined by the EPA Clean Air Act of 1990.

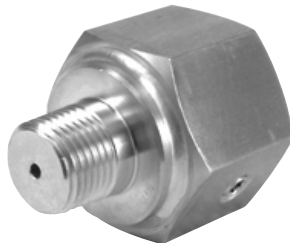
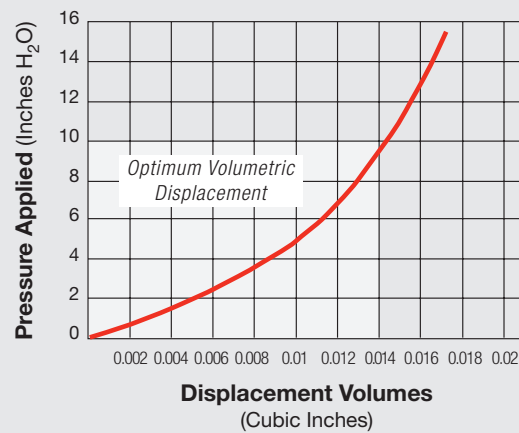
The E Series' compact design allows for installation in applications where space is limited. These seals operate with most 100mm and smaller gauges.



Type EW with a
100mm Model 659 Gauge

FEATURES

- All welded 316L SST construction meets EPA 1990 Clean Air Act Standards
 - No gasketing
 - No bolting
- Materials available for corrosive applications
- Ideal for low pressure applications
 - Superior low pressure response with .002" thick diaphragm
 - Minimum volumetric displacement where process temperatures exceed 250°F (121°C)
- Seal ratings to 5000 psig (345 bar)
- Compatible with most 100mm (pressure range over 100 psi) and smaller gauges



Type EW (male)



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