42MW Series
Accessories

Specifications
For other materials or modifications, please consult TESCOM.

OPERATING PARAMETERS
Pressure rating per criteria of ANSI/ASME B31.3

Maximum Rated Pressure	
2500 psig / 172 bar	
Operating Temperature	
-40°F to 600°F / -40°C to 315°C	

MEDIA CONTACT MATERIALS

Upper and Lower Housing	
316 Stainless Steel	
Diaphragm	
Welded 316 Stainless Steel	
Remaining Parts	
316 Stainless Steel	

PROCESS CONNECTIONS

1/4", 3/8", and 1/2" NPTF

Hastelloy® is a registered trademark of Haynes International, Inc.

**42MW ISOLATOR SHOWN
WITH SJS SERIES REGULATOR**

TESCOM 42MW Series instrument isolator is typically used with a TESCOM SJS Series pressure tracking regulator - see SJS Series tracking regulator. This device isolates the regulator from corrosive and incompatible fluids.
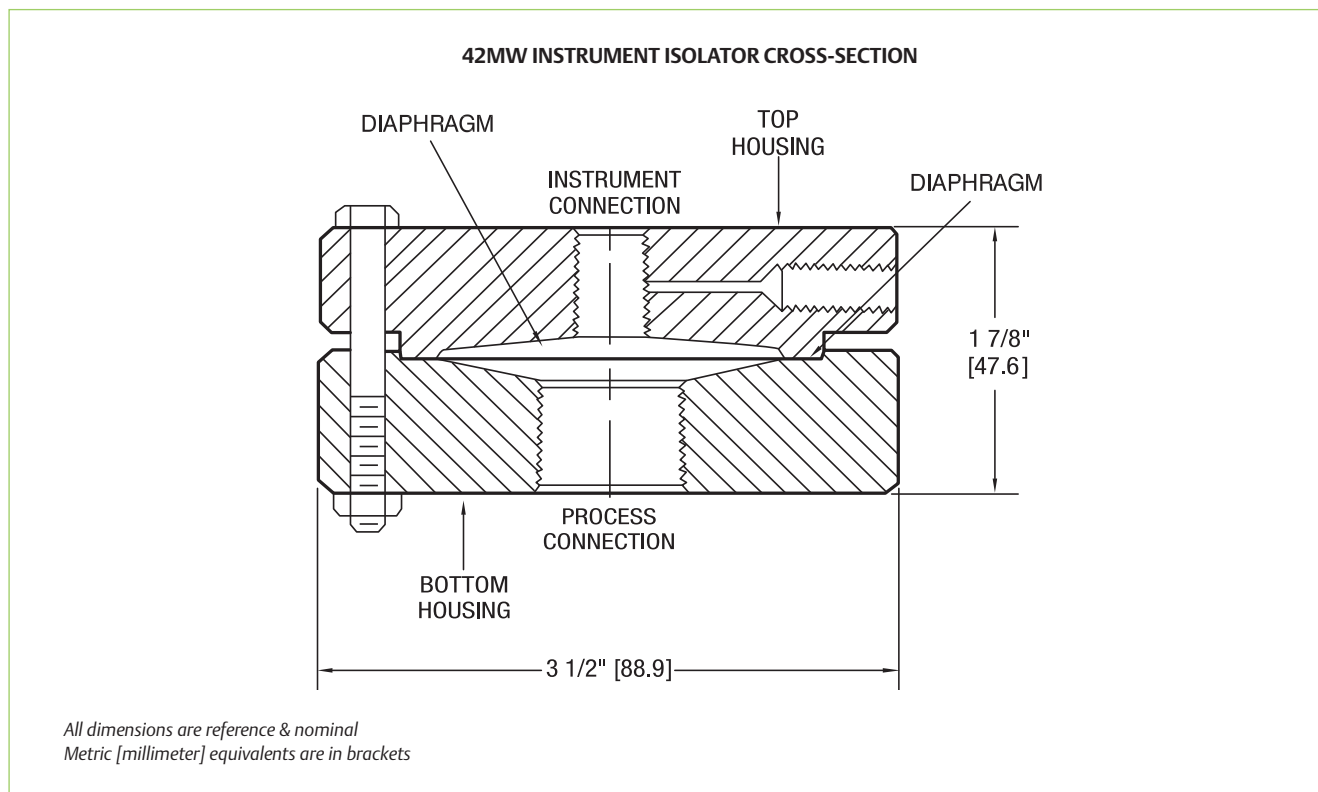
Application
- Dual mechanical seal differential pressure control

Features and Benefits
- Designed to be used with TESCOM's wide range of tracking regulators
- Assists in the control of pressure in fugitive emission and/or mechanical seals applications when combined with tracking regulators
- Complete 316 Stainless Steel construction is standard (Hastelloy® trim available)
- 5 feet / 1.5 meters Stainless Steel armored capillary line filled with Clearco HT-110 is included (additional lengths of capillary line are available)

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42MW Series Drawing

42MW INSTRUMENT ISOLATOR CROSS-SECTION

All dimensions are reference & nominal
Metric [millimeter] equivalents are in brackets

42MW Series Part Number Selector

Repair Kits, Accessories & Modifications may be available for this product. Please contact TESCOM for more information.

Example for selecting a part number:

42MW	6	2	08	00	S
BASIC SERIES	**MATERIALS**	**CONNECTION PORT TYPE**	**PROCESS CONNECTION PORT SIZE**	**CAPILLARY TUBE LENGTH**	**FILL MATERIAL**
42MW	**5** – Hastelloy® **6** – 316 Stainless Steel	**2** – NPTF	**04** – 1/4" **06** – 3/8" **08** – 1/2"	**00** – Direct Connect **05** – 5 feet / 1.5 meters **10** – 10 feet / 3.0 meters	**S** – Clearco HT-110

⚠ **WARNING! Do not attempt to select, install, use or maintain this product until you have read and fully understood the *TESCOM Safety, Installation and Operation Precautions.***

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