



Fluid Power Specialist



## Mini Diaphragm Seals Type MS

### Application

Process industry diaphragm seal to combine with Bourdon tube pressure gauges. Intended for corrosive, contaminated, hot or viscous pressure media.

### Standard Features

#### Design

Upper and lower housing welded with integral diaphragm  
It requires hydraulic fluid to transmit pressure to instrument

#### Process Connection

1/4" or 1/2" NPT-female, other see options

#### Instrument Connection

1/4" or 1/2" NPT-female



### Mini Diaphragm Seal Model MS

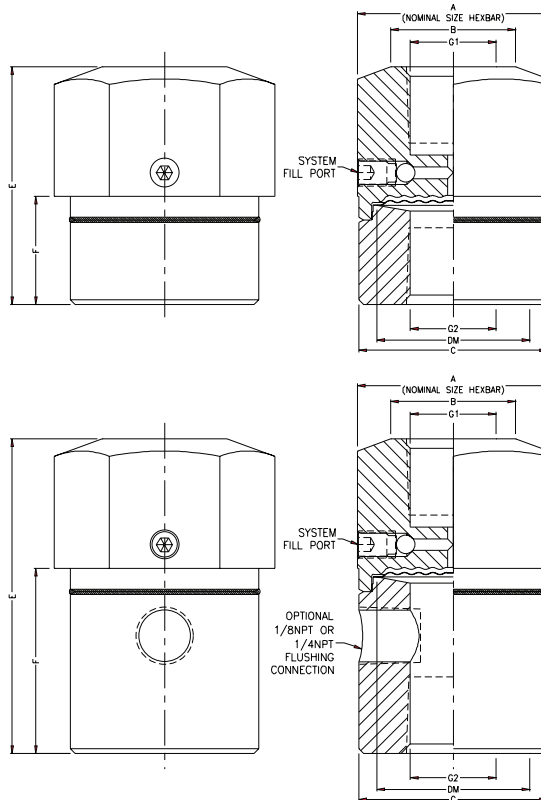
Suitable Pressure Ranges (MWP 2500PSI @100°F)

2 1/2" gauge: 100 PSI to 2500 PSI

4 or 4 1/2" gauge: 400 PSI to 2500 PSI

#### Available Options

See Selection Guide (over)



DM: EFFECTIVE DIAPHRAGM DIAMETER  
G1: INSTRUMENT CONNECTION  
G2: PROCESS CONNECTION  
ALL DIMENSIONS IN INCHES UNLESS OTHERWISE NOTED

G1	G2	A	B	C	DM	E	F	WEIGHT lbs
1/4"NPT OR 1/2"NPT	1/4"NPT OR 1/2"NPT	1.63 ACROSS FLATS	1.06	1.60	1.3	2.05	0.95	0.7

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G1: INSTRUMENT CONNECTION  
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ALL DIMENSIONS IN INCHES UNLESS OTHERWISE NOTED

G1	G2	A	B	C	DM	E	F	WEIGHT lbs
1/4"NPT OR 1/2"NPT	1/4"NPT OR 1/2"NPT	1.63 ACROSS FLATS	1.06	1.60	1.3	2.68	1.58	1.0

