

'DS-MHP' Series

General Specifications:

1. **Designed for use with:**
Pressure gauges 1.5" to 4.5" in size,
Pressure transducer/transmitters or pressure switches
Other small displacement instruments.
2. **Standard Material of Construction:**
All 316 Stainless Steel (others available – see below)
3. **Pressure Rating:** 5000 PSI
4. **Standard Instrument Connection:**
1/4" or 1/2" FNPT (others available – see below)
5. **Standard Process Connection:**
1/4", 1/2", 3/4" or 1" FNPT (others available – see below)
6. **Available Options:**
Flushing Connection (1/4" or 1/8" FNPT)
Male threaded bottom connection

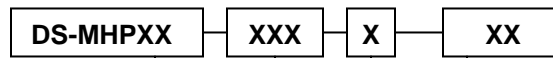


Diaphragm Seals are designed for use in applications where chemical compatibility, trash or sludge in process or sanitary requirements prevent the use of a standard pressure gauge or gauge only installation.

Diaphragm Seals consist mainly of an upper housing, lower housing and a separating diaphragm. These components can be manufactured from different materials for better compatibility with the end process. It is important to know as much about the application as possible so that the correct specifications are used when selecting the diaphragm seal.

The Diaphragm Seal can then be assembled with a pressure gauge, transmitter or switch as required. Connections on both the instrument side and process side are available in various sizes as required (see below).

Part Number System:



Model

MHPXX Mini-Diaphragm Seal
 Fifth Digit = Process or Lower
 Fourth Digit = Instrument or Upper
Codes: 1 = 1/4" FNPT 2 = 1/2" FNPT
 3 = 3/4" FNPT 4 = 1" FNPT

Special Options

Specify Uncoded Options

Material of Construction

316 = 316 Stainless Steel

MON = Monel

HTC = Hastelloy 'C'

TAN = Tantalum

Flushing Connection

0 = No Flushing Connection

F = with Flushing Connection

Dim	Description	Inches	mm
A1	O.A. w/o Flush	1.62	41.0
A2	O.A. w/Flush	2.06	52.3
B1	Wrench Flats	1.74	44.3
B2	Upper O.D.	1.99	50.5
C	Lower O.D.	1.60	40.5
D	Upper	.78	20.0
E1	Lower w/o Flush	.82	20.8
E2	Lower w/Flush	1.28	32.5

