



Kodiak Controls, Inc.

Low Pressure Mini-seal

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 selected and made of different type materials for better compatibility with the end process.

Diaphragm seals can be attached to different types of Pressure instruments. Including Pressure Gauges, Pressure Transmitters, Pressure Switches, Pressure Recorder and more.



1. The Series 'DS-MLP' are designed for gauges 1.5" to 6" in low pressure and vacuum ranges. They are also acceptable for pressure transducer/transmitters or other small to medium displacement instruments.
2. Standard Material of Construction: All 316 Stainless Steel (Others Available)
3. Standard Pressure Rating is 2500 PSI - Optional 5000 PSI rating available.
4. Specify thread sizes and types for instrument and process connection.
5. Specify types of materials for upper and lower housings and diaphragm.
6. Available with or without Flushing Connection.
7. Male threaded bottom connection available.

Dim	Inches	mm	Description
A	2.48"	63mm	Seal Body O.D.
B1	1.85"	47mm	Upper Housing O.D.
B2	1.70"	43mm	Wrench Flat
C	1.76"	45mm	Lower Housing O.D
D1	1.50"	38mm	Height w/o Flush Port
D2	1.85"	47mm	Height with Flush Port

FRONT VIEW

SIDE VIEW

Part Number System:

