

Saddle Mounting Type

MIEPL make Diaphragm seals are designed to isolate the sensing element of pressure gauges, pressure switches and electronic pressure transmitters from process liquids which may be corrosive, viscous, sedimentous and/or with a high temperature. The diaphragm welded to the upper body and leak proof tested, ensure separation of filling fluid from process medium. Diaphragm faced position permit an accurate and deeper cleaning. Process sizes are ASME – EN-BS-JIS-GOST. flanged to suit application in chemical, petrochemical, water treatment, paper.



FEATURES

- ⇒ Saddle type flange
- ⇒ Welded diaphragm
- ⇒ Optional exotic materials

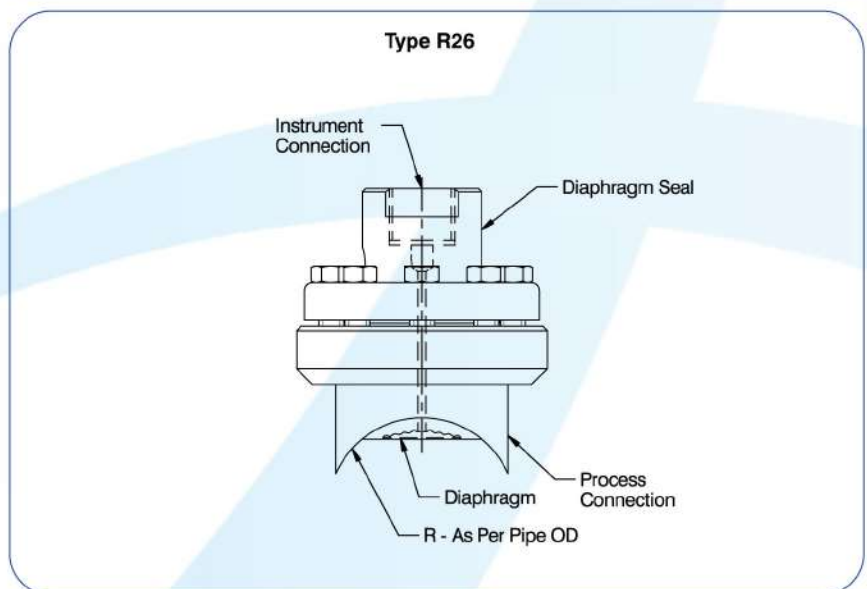
APPLICATION

- ⇒ Isolation applications
- ⇒ Viscous & corrosive media
- ⇒ High-pressure applications
- ⇒ High vibration application

STANDARD SPECIFICATIONS

Range type	: -1...0 bar & 0...100bar
Top chamber material	: AISI 316 SS
Diaphragm	: AISI 316L SS
Gaskets	: PTFE
Saddle Flange material	: AISI 316L SS
Instrument connection	: 1/2" NPT (F)
Sealing fluid	: Silicon DC 710 [7°C to 371°C]
Process connection	: 2.5" pipe (Saddle)
Assembly	: Direct
Capillary	: Optional
Armour	: Optional
Remote mounting length	: Optional

DRAWING



All dimensions are in mm.

ORDERING CODE

MDS14 - R26 - CC - DG - RP - BF - 4NF - FA - 25 - B8

1. RANGE TYPE	-1...0 bar & -1...100bar	R26																			
2. CHAMBER & FLANGE MATERIAL	AISI 304 SS		CC																		
	AISI 316 SS		CF																		
	AISI 316L SS		CG																		
3. DIAPHRAGM MATERIAL	AISI 316L SS			DG																	
	Monel 400			DM																	
	Hastelloy C-276			DO																	
	Inconel 600			DQ																	
	Titanium			DV																	
	Tantalum			DW																	
4. GASKETS	PTFE										RP										
	Metal										RM										
5. SADDLE FLANGE MATERIAL	AISI 304 SS																			BC	
	AISI 316 SS																			BF	
6. INSTRUMENT CONNECTION	3/8" BSP (F)																			3BF	
	1/2" NPT (F)																			4NF	
	1/4" BSP (F)																			2BF	
	1/2" BSP (F)																			4BF	
	1/4" NPT (F)																			4NF	
7. SEALING FLUID	Silicon DC 200 [-40°C to 205°C]																			FA	
	Food grade oil [-20°C to 140°C]																			FF	
	Glycerine [10°C to 150°C]																			FG	
	Syltherm 800 [-40°C to 315°C]																			FI	
	Silicon DC 710 [7°C to 371°C]																			FL	
8. PROCESS CONNECTION	2.5" pipe	25																			08
	3.0" pipe	03																			10
	4.0" pipe	04																			12
	5.0" pipe	05																			14
	6.0" pipe	06																			
9. ASSEMBLY	Direct																				B8
	Remote (capillary)																				B9
10. CAPILLARY	AISI 304 SS																				OU
	AISI 316 SS																				OV
11. ARMOUR	AISI 304 SS																				OX
	AISI 316 SS																				OY
	PVC (Ambient max. 60°C)																				OZ
12. REMOTE MOUNTING LENGTH	2000 mm up to 6000 mm																				XXXX
13. OTHER OPTIONS	Dry seal																				XZ
	Helium leak test																				SL
	Material test certificate 2.2																				SM
	Material test certificate 3.1																				SC

Ordering Example **MDS14 - R26 - CC - DG - RP - BF - 4NF - FA - 25 - B8**

1. Different sealing liquids Can be Provided, Please Refer Factory.