

Extended Neck Type

MIEPL make diaphragm seals, mounted with pressure gauges, process transmitters, pressure switches etc. By using diaphragm seals, the measuring instruments can be used at extreme temperatures from -40 to +370 °C and with aggressive, corrosive, heterogeneous, abrasive, highly viscous or toxic media. variety of Flange sizes & MOC.



FEATURES

- Extended neck design
- Welded diaphragm
- Optional exotic materials

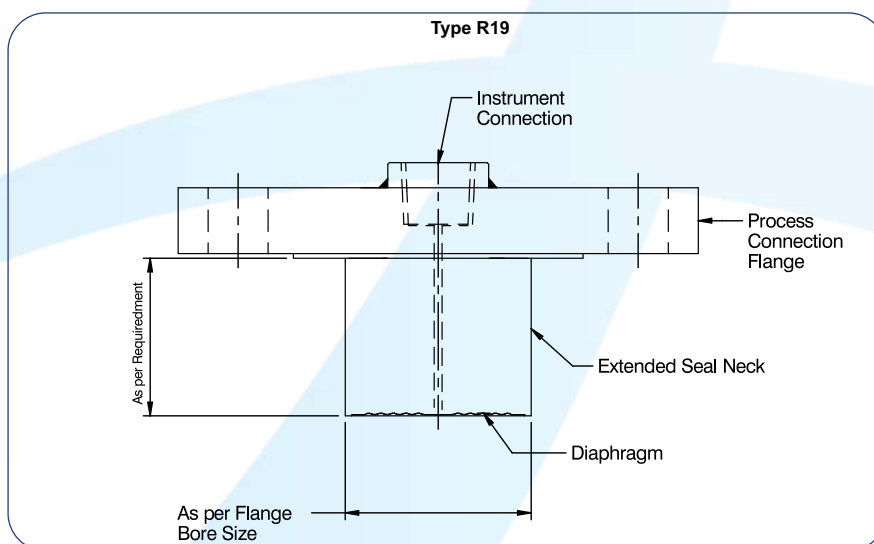
APPLICATION

- Isolation applications
- Viscous & corrosive media
- High-pressure applications
- High vibration application
- Slurry applications
- Urea grade available as per customer need

STANDARD SPECIFICATIONS

Range type	: (-1)...0 bar to 0...600 bar
Chamber / Flange material	: AISI 316 SS
Diaphragm	: AISI 316L SS
Instrument connection	: 1/2" NPT (F)
Sealing fluid	: Silicon DC 200 (-40...205°C)
Process connection	: 1 1/2" 150# as per ANSI B16.5
Flange facing type	: Raised face
Protection on wetted parts	: Optional
Neck extension	: 100 mm
Assembly	: Direct
Capillary	: Optional
Armour	: Optional
Remote mounting length	: Optional

DRAWING



All dimensions are in mm.

ORDERING CODE

MDS08 - R19 - CF - DG - 4NF - FA - XXX - RF - XXX - B8

1. RANGE TYPE	(-1)...600 bar				R19
2. CHAMBER / FLANGE MATERIAL	AISI 316 SS	CF	Hastelloy C-276	CO	
	AISI 316L SS	CG	AISI 316L SS, UREA GRADE	CU	
	Monel 400	CM			
3. DIAPHRAGM MATERIAL	AISI 316L SS	DG	AISI 316L SS, UREA GRADE	DU	
	Monel 400	DM			
	Hastelloy C-276	DO			
4. INSTRUMENT CONNECTION	3/8" BSP (F)	3BF	1/2" BSP (F)	4BF	
	1/2" NPT (F)	4NF	1/4" NPT (F)	2NF	
	1/4" BSP (F)	2BF			
5. 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	
6. PROCESS CONNECTION	Refer Flange Table for the codes			XXX	
7. FLANGE FACING	Flat Face			FF	
	Ring-Type Joint			RT	
	Raised Face			RF	
	Tongue and Groove (T&G)			TG	
8. PROTECTION ON WETTED PARTS	PTFE coating on flange			PA	
	PTFE coating on diaphragm			PC	
9. NECK EXTENSION	50mm up to 200 mm			XXX	
10. ASSEMBLY	Direct			B8	
	Remote (capillary)			B9	
11. CAPILLARY	AISI 304 SS	O U	AISI 316 SS	O V	
12. ARMOUR	AISI 304 SS	O X	AISI 316 SS	O Y	
	PVC (Ambient max. 60°C)	O Z			
13. REMOTE MOUNTING LENGTH	1000 mm up to 6000 mm			XXXX	
14. OTHER OPTIONS	Dry seal	X Z	Material test certificate 2.2	SM	
	Helium leak test	S L	Material test certificate 3.1	SC	

Ordering Example **MDS08 - R19 - CF - DG - 4NF - FA - XXX - RF - XXX - B8**

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