

Diaphragm seal sanitary Clamp connection (Triclover)



Features:

- Laser welded flush diaphragm
- Quick connect / disconnect for easy cleaning.
- Suitable for food, dairy & pharmaceutical industries.

Applications:

- Diaphragm seals are designed to isolate the sensing element of pressure gauges and pressure switches from process fluids that they may be corrosive, viscous, sedimentous and / or with a high temperature.

Standard Parameters

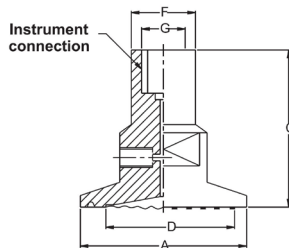
Seal type & Range	: T16 = -1 to 0 kg/cm ² & 0 to 40 kg/cm ² (standard) (suitable for NS 100mm & above) : T17 = -1 to 0 kg/cm ² & 0 to 40 kg/cm ² (dry seal) (Suitable for NS 63mm & 80mm)
Process temperature	: 10 °C to 150 °C or as per fill fluid
Instrument connection	: T16 = 1/2" BSP[F] : T17 = 1/4" BSP[F]
Process connection	: 1 1/2" Sanitary Seal (without clamp & gasket)
Mounting	: Direct (without capillary)

Materials of Construction

Diaphragm	: AISI 316L SS
Body	: AISI 316 SS
Fill fluid	: Glycerine

Dimensional drawing

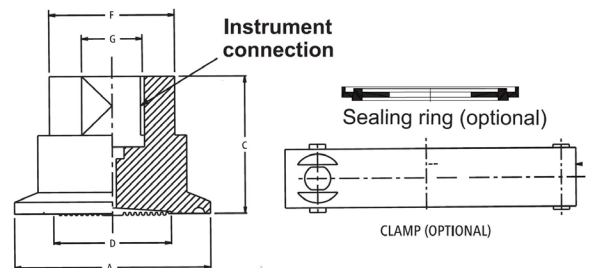
Type T17



Size	A	C	D	F	G	Wt.
1.5"	50.5	48	32	19.50	1/4" BSP[M]	250
2"	64	48	40	19.50	1/4" BSP[M]	400
2.5"	77.5	48	52	19.50	1/4" BSP[M]	600

Wt. = Approx. weight in grams

Type T16



Size	A	C	D	F	G	Wt.
1"	50.50	35	22	29.5	1/2" BSP[F]	200
1 1/2"	50.50	35	32	38.5	1/2" BSP[F]	200
2"	64	35	40	51.5	1/2" BSP[F]	350
2 1/2"	77.5	35	52	64	1/2" BSP[F]	500

Wt. = Approx. weight in grams

Note: ● Drawings are not to scale ● All dimensions are in mm

Ordering Codes

1. Type	T16	9. Clamp	40C
T16 -1 to 0 kg/cm ² & 0 to 40 kg/cm ² (Standard)	40	25C 1" Clamp AISI 304 SS	40S
T17 -1 to 0 & 0 to 40 kg/cm ² (dry seal only)		40C 1 1/2" Clamp AISI 304 SS	
2. Sanitary Seal	15BF	50C 2" Clamp AISI 304 SS	1M
25 1" sanitary seal in AISI 316 SS		63C 2 1/2" Clamp AISI 304 SS	
40 1 1/2" sanitary seal in AISI 316 SS		10. Gasket (sealing ring)	
50 2" sanitary seal in AISI 316 SS		25S 1" silicon gasket	
63 2 1/2" sanitary seal in AISI 316 SS	S6	40S 1 1/2" silicon gasket	S4
3. Instrument Connection		50S 2" silicon gasket	
06BF 1/4" BSP[F]		63S 2 1/2" silicon gasket	
06NF 1/4" NPT [F]		25P 1" PTFE gasket	
10BF 3/8" BSP[F]		40P 1 1/2" PTFE gasket	
15BF 1/2" BSP [F](Standard)		50P 2" PTFE gasket	
15NF 1/2" NPT [F]		63P 2 1/2" PTFE gasket	
4. Body		40B	
S6L AISI 316L SS (Standard)	Remote mounting (with capillary of max 2M) Specify in meters		
S6 AISI 316 SS	15P	12. Capillary Material	HL
5. Bottom Mating Part		S4 AISI 304 SS	
25B 1" sanitary seal in AISI 316 SS		S6 AISI 316 SS	
40B 1 1/2" sanitary seal in AISI 316 SS		13. Capillary Covered with Armour	
50B 2" sanitary seal in AISI 316 SS	S6L	S4 AISI 304 SS	HL
63B 2 1/2" Sanitary seal in AISI 316 SS		S6 AISI 316 SS	
6. End Connection of bottom mating part**	FG	PVC PVC (Max. temp. 60°C)	
15P 1/2" PIPE, sch. 40 (Plain End)		14. Other options#	HL Helium leak test
20P 3/4" PIPE, sch. 40 (Plain End)		WI Dry seal only without instrument	
**Note: Threaded connections are available on request.		MT Material test certificate	
7. Diaphragm		#Note: Material test certificates will be provided for wetted parts only with chemical composition testing. For others consult factory.	
S6L AISI 316L			
8. Filling Fluids			
LG Glycerine [10° to 150°C]			
FG Food grade oil [-20° to 140°]			

Ordering example: TC-T16-40-15BF-S6-40B-15P-SL6-FG-40C-40S-1M-S4-S6-HL

Compatible Model: IP, IE

Note:

- Specifications and dimensions given in this product catalogue represents the state of engineering at the time of printing. Modifications may take place and materials specified may be replaced by others without prior notice.
- For optional items contact factory.