



Special Features

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

Application

- Diaphragm seals are provided in the instruments like pressure gauges, switches, transmitters in order to isolate the sensing element from the main service due to its corrosive, viscous and sedimented nature and to avoid clogging and solidification. These seals are used in hygienic applications where purity in process is essential - typically in food, dairy beverages and pharmaceutical industries

Specifications

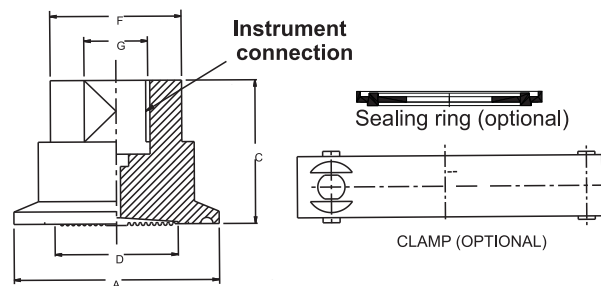
Standard Version

(Compatible model : WP6, WP4, EC, BEC, WPT, EGT, ESG)

Range	: -1 to 0 & 0 to 40 kg/cm ² (Standard)
Process temperature	: 10°C to 150°C or as per fill fluid
Instrument connection	: ½" BSP (F)
Process connection	: 1 ½" SANITARY SEAL (without clamp & gasket)
Mounting	: Direct (without capillary)

Diaphragm	: AISI 316L SS
Body	: AISI 316 SS
Fill Fluid	: Glycerin

Dimensions - Standard Version



Size	A	C	D	F	G	Approx. Wt. #
1"	50.50	35	22	29.5	½" BSP (F)	200.0
1½"	50.50	35	32	38.5	½" BSP (F)	200.0
2"	64	35	40	51.5	½" BSP (F)	350.0
2½"	77.5	35	52	64	½" BSP (F)	500.0

(# Weight in grams with box for Standard Model.)

Notes : • Drawings are not to scale. • All Dimensions are in mm.

How to Order	Example
Basic Model	TC
Code	
Optional Extras	
Sanitary Seal	
25 1" Sanitary Seal IN AISI 316 SS	
40 1½" Sanitary Seal IN AISI 316 SS (Standard)	
50 2" Sanitary Seal IN AISI 316 SS	XX
65 2½" Sanitary Seal IN AISI 316 SS	
Instrument Connection	
2NF ¼" NPT (F) 2BF ¼" BSP (F) (Standard) 3BF ¾" BSP (F) (Standard)	
4NF ½" NPT (F) 4BF ½" BSP (F) (Standard)	XXX
Body	
S6 AISI 316 SS (Standard) SL AISI 316L SS	XX
Bottom Mating Part	
B25 1" Sanitary Seal In AISI 316 SS B50 2" Sanitary Seal In AISI 316 SS	
B40 1½" Sanitary Seal In AISI 316 SS B65 2½" Sanitary Seal In AISI 316 SS	XXX
End Connection Of Bottom Mating Part	
P15 ½" PIPE, Sch. 40 (Plain End) P20 ¾" PIPE, Sch. 40 (Plain End)	XXX
Note : Threaded Connections Are Available On Request. Please Consult Factory.	
Diaphragm	
SL AISI 316L (Standard)	XX
Filling Fluids	
GF Glycerin [10 to 150°C / 50 to 302°F] (Standard) LP Liquid Paraffin [10 To 200°C / 50 To 392°F]	XX
FG Food Grade Oil [-20 to 140°C / -4 to 284°F]	
OPTIONAL	
Clamp	
C25 1" Clamp AISI 304 SS C50 2" CLAMP AISI 304 SS	
C40 1½" Clamp AISI 304 SS C65 2½" CLAMP AISI 304 SS	XXX
Gasket (sealing Ring)	
GS25 1" Silicon Gasket GT25 1" PTFE Gasket	
GS40 1½" Silicon Gasket GT40 1½" PTFE Gasket	
GS50 2" Silicon Gasket GT50 2" PTFE Gasket	XXXX
GS65 2½" Silicon Gasket GT65 2½" PTFE Gasket	
Remote Mounting (with Capillary Of Max. Up To 2 Mtrs.)	
Specify In Meters (e.g. 1.5 = 1.5 METERS 2.0 = 2 METERS)	
	1Mtr.
Capillary	
S4 AISI 304 SS S6 AISI 316 SS	XX
Capillary Covered With Armour (applicable With PE Or PG If Selected)	
S4 AISI 304 SS S6 AISI 316 SS PI PVC (Ambient Temp. Max. 60°C)	XX
Other Options	
HLT Helium Leak Test DTC Dry Seal Only Without Instrument MTC Material Test Certificates*	XXX
* Material Test Certificates Will Be Provided For Wetted Parts Only With Chemical Composition Testing. For Others, Please Consult Factory.	
Ordering Example: TC - XX - XXX - XX - XXX - XXX - XX - XX - XXX - XXXX - mtr - XX - XX - XXX	
For Other Optional Items, Please Contact Factory For Delivery And Minimum Quantity Of Order.	
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.	