# THREAD TYPE DIAPHRAGM SEAL

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DT108 diaphragm seal is designed low cost type to be used in highly viscous process media such as pulp, paper, waste water treatment, and plastic/chemical process industries. DT108 is easy to assemble with pressure gauges, pressure switches, and pressure instruments.

#### Technical Data

Instrument connection: female thread 1/4" to 1/2" BSP or NPT

Process connection: 1/4" to 1/2" Thread BSP or NPT

Temperature limited: -40~+150°C cooling element or capillary line up to 350°C

Pressure range limited: Maximum up to 40 kg/cm<sup>2</sup>

Minimum -760 mmHg ~0, 0~0.6 kg/cm<sup>2</sup>

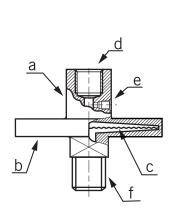
**Material:** Upper & Lower housing-SS316 (standard), others on request **Membrane:** SS316L (standard); Options— Hastelloy C276, tantalum,

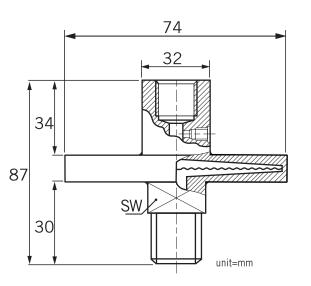
and others on request.



#### **Dimensions**

Item	Description of Parts			
а	Upper housing			
b	Lower housing			
С	Membrane			
d	Instrument connection			
е	Filling port			
f	Process connection			





### Ordering Information

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DT108	Code	Instrum	Instrument Connection (Female)								
		(A) ¼"BS	BSP (B) ¼"NPT (C) ¾"BSP (D) ¾"NPT (E) ½"BSP (F) ½"NPT								
		Code Process connection rating									
			(1) ¼" BSP (2) ¼" NPT (3) ¾"BSP (4) ¾"NPT (5) ½"BSP (6) ½"NPT (7) Option								
			Code	Thread	ıd						
				(M) Male (F) Female							
				Code	Upper housing material						
					(S) SS316(standard) (O) Option						
					Code	Lower h	ousing material				
	(S) SS3					(S) SS31	6(standard) (0) Option				
						Code	Membrane material				
							(1) SS316L (2) Hastelloy C276 (3) Tantalum (4) Option				
₩	<u> </u>	<b>V</b>	₩	<b>+</b>	<b>V</b>	<b>\</b>					
DT108							Complete ordering code				