PLASTIC THREAD TYPE DIAPHRAGM SEAL
DT114



Application

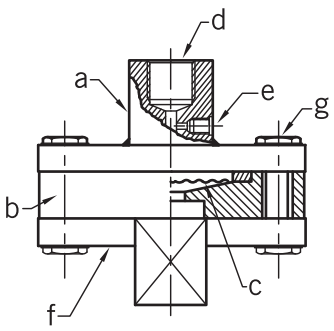
DT114 diaphragm seal is made with material including, special plastic to provide to against the acid fluid for application in customers device. Its eaasy to assemble with pressure gauges, pressure switches and pressure tranducers.

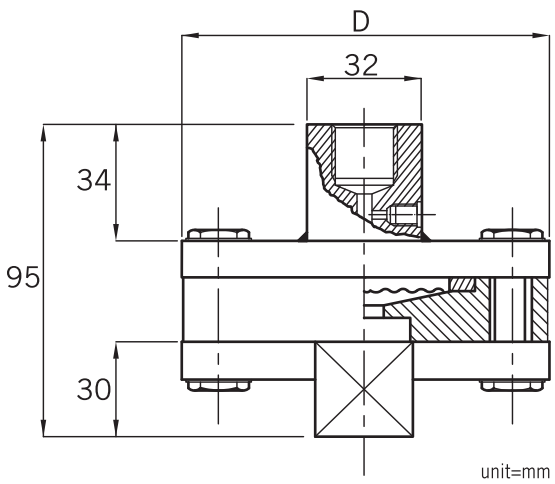
Technical Data

Instrument connection: Female thread ¼" to ½" BSP or NPT
Membrane size: Ø55, Ø75
Process connection: ¼" to ½" BSP or NPT
Measurement range: -760mmHg ~ 0 ~ 10 kg/cm² (Ø75 Membrane)
0 ~ 25 kg/cm² (Ø55 Membrane)
Max. temperature: Up to 120°C
Material: Upper housing - SS316 (standard); Low housing - P.V.C, P.P, PVDF, Teflon available
Membrane material: SS316L+Teflon lining (standard); Options - Hastelloy C276, Tittanium, Tantalum and others on requset.

Dimensions

Item	Description of Parts
a	Upper housing
b	Low housing
c	Membrane
d	Instrument connection
e	Filling port
f	Supporting ring
g	Screw bolt





Membrane size		
Ø	55	75
D	80	100

Ordering Information

DT114	Code	Instrument Connection Size (Female)
		(A) ¼"BSP (B) ¼"NPT (C) ⅜"BSP (D) ⅜"NPT (E) ½"BSP (F) ½"NPT
	Code	Membrane Size
		(1) ø55 (2) ø75
	Code	Process Connection Size
		(A) ¼" (B) ⅜" (C) ½"
	Code	Process Connection Thread
		(A) NPT (male) (B) NPT (female) (C) PF (male) (D) PF (female)
	Code	Upper Housing Material
		(S) SS316 (O) option
	Code	Lower Housing Material
		(V) PVC (P) P.P (T) Teflon (PV) PVDF
	Code	Membrane Material
		(H) Hastelloy C (Ti) Titanium (Ta) Tantalum (Tf) SS316+Teflon lining (O) option

DT114								Complete ordering code

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