LAP JOINT FLANGE WITH WETTED FACE

DT140 flange type with sealing face diaphragm seal is especially designed for applications at aggressive, contaminated or hot media. And, the membrane is flush welded to the rise face of flange. DT140 is easy to assemble with pressure gauges, pressure switches, and pressure instruments.

Technical Data

Instrument connection: female thread ¼" to ½"NPT or BSP Process connection: 1" to 3" Lap Joint Flange; and option: welded flange type available. (please consult with manufacturer.)

Flange Rating: JIS, ANSI, DIN rating available

Temperature Limited: -40~+150°C cooling element or

capillary ling up to 350°C

Pressure Range & Flange Size Limited:

	Size	Flange Rating	Pressure Range
	1"	150# ~ 600#	maximum up to 40 kg/cm² minimum 0~6 kg/cm²
	1½"	150# ~ 600#	maximum up to 40 kg/cm² minimum 0~2.5 kg/cm²
	2"	150# ~ 600#	maximum up to 40 kg/cm² minimum 0~1 kg/cm²
	3"	150# ~ 600#	maximum up to 40 kg/cm² minimum -1~0 kg/cm²

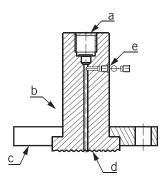


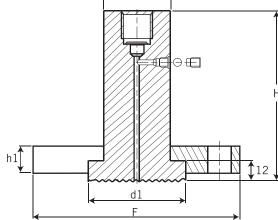
Approvals:

Option: Upper pressure available, according to flange rating on request

Dimensions-mm

Item	Description of Parts		
а	Instrument Connection		
b	Upper Housing		
С	Lower Housing Flange		
d	Membrane (wetted face)		
е	Filling Port		





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	unit=mm		
Size	Н	d1	
1"	66	54	
1½"	71	74	
2"	74	92	
3"	80	127	

* F & h1: Dimensions to suit standard flange outside size as JIS, ANSI and DIN, etc, upon request.

Ordering Information

DT140	Code	Instrument Connection (Female)						
(A) ¼"BSP (B) ¼"NPT (C) %"BSP (D) %"NPT (E) ½"BSP (F) ½"NPT								
		Code	Process Connection Size					
			(1) 1" (2) 1½" (3) 2" (4) 3" Code Flange Rating					
				(1) 150	# (2) 30	00# (3)	600#	
				Code	Upper Housing Material			
					(S) SS3	16 (stand	ard) (O) option	
					Code	Lower H	lousing Flange Material	
					(S) SS316 (O) option		16 (O) option	
						Code	Wetted Parts Material	
							(1) Hastelloy C276 (2) Tantalum	
<u></u>	 	+	+	+	+	+		
DT140							Complete Ordering Code	