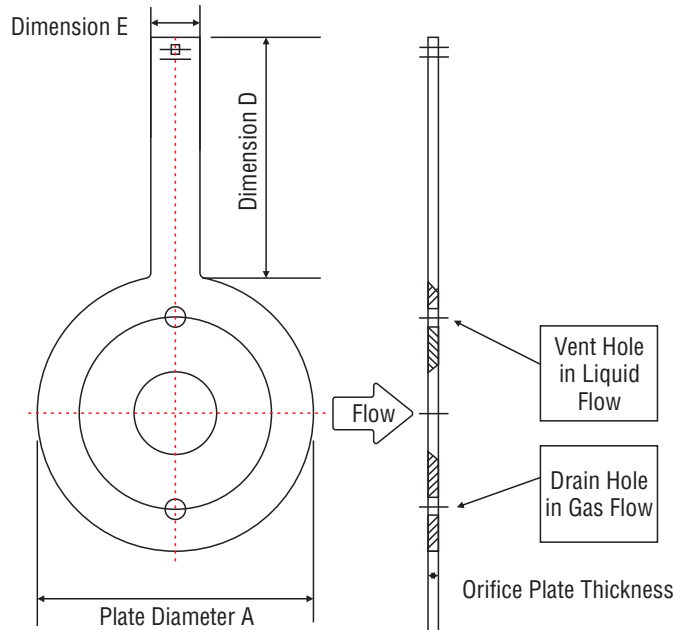


Assembly Overview & Drawing

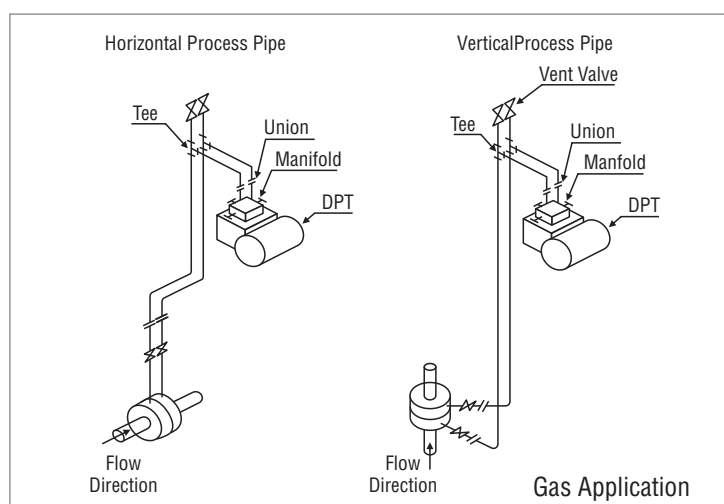
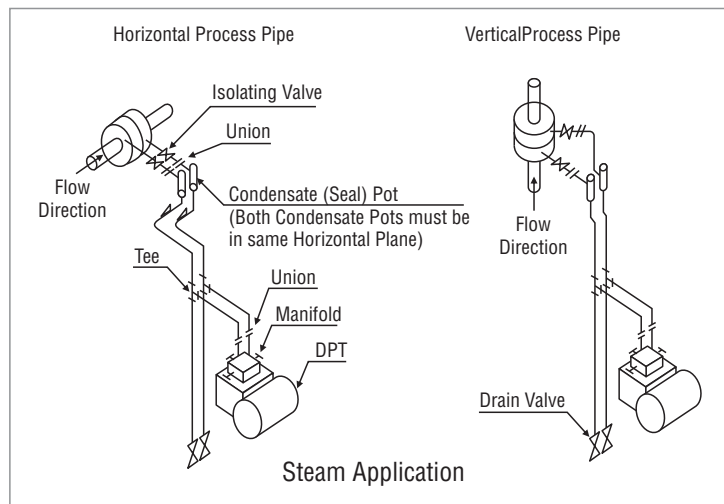
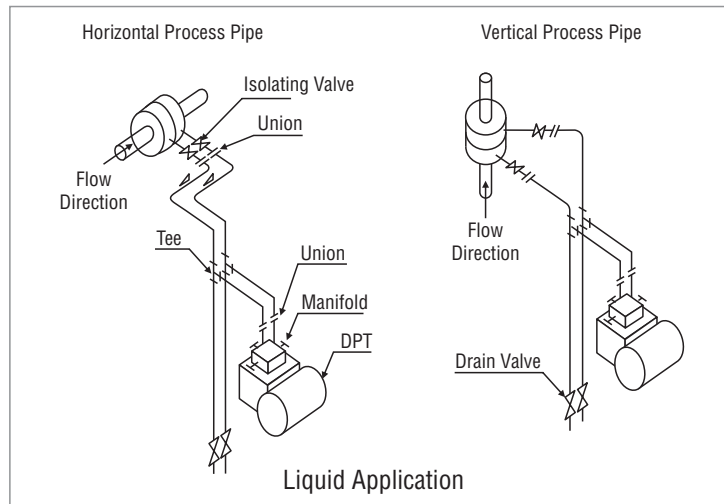
The outside diameter of the orifice plate is equal to the bolt circle diameter of the connecting flanges minus the diameter of the bolt. This ensures that the plate is centered accurately in the line. Plate thicknesses depend on line size and differential pressure, and is sufficient to prevent the plate from bending under operating conditions. Customized Orifice Plate can also be designed, manufactured and supplied.



Dimensional Details & Drawing

Nominal Size	150 LB			300 LB			400 LB			600 LB			900 LB			1500 LB			2500 LB			
	NB	IN	A	D	E	A	D	E	A	D	E	A	D	E	A	D	E	A	D	E		
15	1/2	47.6	125	25	54	125	28	54	125	28	54	125	28	63.5	125	28	63.5	125	32	69.9	125	32
20	3/4	57.2	125	32	66.7	125	32	66.7	125	32	66.7	125	32	69.9	125	32	69.9	125	32	76.2	125	32
25	1	66.7	125	32	73	125	32	73	125	32	73	125	32	79.4	125	32	79.4	125	32	85.7	150	32
32	1 1/4	76.2	125	32	82.6	125	32	82.6	125	32	82.6	125	32	88.9	125	32	88.9	125	32	104.8	150	32
40	1 1/2	85.7	125	32	95.3	125	32	95.3	125	32	95.3	125	32	98.4	125	32	98.4	125	32	117.5	150	32
50	2	104.8	125	32	111.1	125	32	111.1	125	32	111.1	125	32	142.9	150	32	142.9	150	32	146	150	32
65	2 1/2	123.8	125	32	103.2	125	32	103.2	125	32	103.2	125	32	165.1	150	32	165.1	150	32	168.3	150	32
80	3	136.5	125	32	149.2	125	32	149.2	125	32	149.2	125	32	168.3	150	32	174.6	150	32	196.9	150	32
100	4	174.6	150	32	181	150	32	177.8	150	32	193.7	150	32	206.4	150	32	209.6	150	32	235	150	32
125	5	196.9	150	32	215.9	150	32	212.7	150	32	241.3	150	32	247.7	150	32	254	150	32	279.4	175	32
150	6	222.3	150	32	250.8	150	32	247.7	150	32	266.7	150	32	288.9	150	32	282.6	150	32	317.5	175	32
200	8	279.4	150	32	308	150	32	304.8	150	32	320.7	150	32	358.8	175	32	352.4	175	32	387.4	175	32
250	10	339.7	150	32	362	150	32	358.8	150	32	400	150	32	435	175	32	435	175	32	476.3	200	32
300	12	409.6	150	32	422.3	150	32	419.1	150	32	457.2	150	32	498.5	175	32	520.7	175	32	549.3	200	32
350	14	450.9	150	32	485.8	150	32	482.6	150	32	492.1	150	32	520.7	175	32	577.9	175	32	-	-	-
400	16	514.4	150	32	539.8	150	32	536.6	150	32	565.2	150	32	574.7	200	32	641.4	200	32	-	-	-
450	18	546.1	175	32	593.7	175	32	587.4	175	32	609.6	175	32	635	200	32	701.7	200	32	-	-	-
500	20	603.3	175	32	650.8	175	32	644.5	175	32	679.5	175	32	695.3	200	32	752.5	200	32	-	-	-

Impulse Piping For ORIFICE



Applications

Food Industry	Chemical Industry	Atomic Energy	Manufacturing Industry
Automation Industry	Thermal Power Energy	Process Industry	Water Treatment Industry

Ordering Information

Sample Order Code : FT 15 | A2 | B1 | E2 | H3 | I2 | K1 | M3

Parameter	Code	Description	Code	Description	
FT	Flow Tube	FT 15	15 NB	FT 250	250 NB
		FT 20	20 NB	FT 300	300 NB
		FT 25	25 NB	FT 350	350 NB
		FT 32	32 NB	FT 400	400 NB
		FT 40	40 NB	FT 450	450 NB
		FT 50	50 NB	FT 500	500 NB
		FT 65	65 NB	FT 600	600 NB
		FT 80	80 NB	FT 700	700 NB
		FT 100	100 NB	FT 800	800 NB
		FT 125	125 NB	FT 900	900 NB
		FT 150	150 NB	FT 1000	1000 NB
		FT 200	200 NB		
		A	Flange Standard	A1	ASME B 16.36
A2	ASME B 16.5				
A3	ASME B 16.47 Series (A)				
A4	ASME B 16.47 Series (B)				
AY	Other				
B	Flange Rating	B1	ANSI 150#		
		B2	ANSI 300#		
		B3	ANSI 600#		
		B4	ANSI 900#		
		B5	ANSI 1500#		
		B6	ANSI 2500#		
		BY	Other		
E	Line Schedule	E1	Schedule 5		
		E2	Schedule 10		
		E3	Schedule 20		
		E4	Schedule 30		
		E5	Schedule 40		
		E6	Schedule 60		
		E7	Schedule 80		
		E8	Schedule 100		
		E9	Schedule 120		
		E10	Schedule 140		
		E11	Schedule 160		
		E12	Schedule STD		
		E13	Schedule XS		

Parameter	Code	Description			
E	Line Schedule	E14	Schedule XXS		
		E15	Schedule 5S		
		E16	Schedule 10S		
		E17	Schedule 40S		
		E18	Schedule 80S		
		E19	Schedule Low / A Class		
		E20	Schedule Medium / B Class		
		E21	Schedule Heavy / C Class		
		EY	Other		
		H	Certification	H3	NACE
				HX	NA
HY	Other				
I	Orifice Plate Type	I1	Concentric Square Edge		
		I2	Eccentric		
		I3	Quarter Of Circle		
		I4	Segmental		
		I5	Integral		
		I6	Restriction (Concentric)		
		I7	Carrier Ring		
K	Orifice Plate Thickness	K1	3.18 mm		
		K2	4.0 mm		
		K3	6.35 mm		
		K4	9.52 mm		
		K5	12.7 mm		
		KY	Other		
		M	Orifice Plate Material	M1	AISI 316
M2	AISI 316L				
M3	AISI 304				
M4	AISI 304L				
M5	Hastalloy C				
M6	Monel				
MY	Other				

Note : ▪ Due to our continuous product revisions, design specification and model numbers are subject to change without notice.
 ▪ Accuracy defined at Lab Conditions. ▪ For other requirement please consult factory.

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