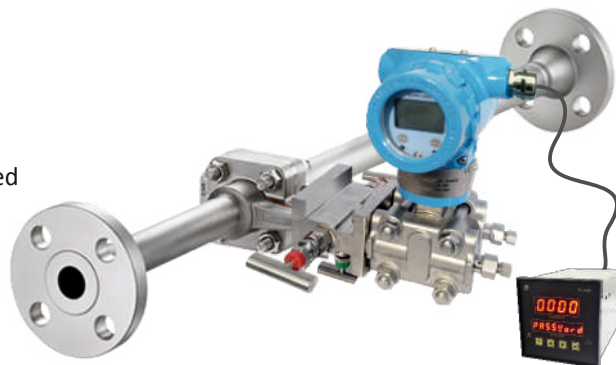


Features

- Designed to be mounted to the Differential Pressure transmitter directly
- Available from 15 NB to 50 NB Size
- Available in Material : C.S. & S.S.
- Eliminate the three measurement inaccuracies recorded in small orifice line installation
- Eliminate impulse tubing, less leakage points, decrease startup time.



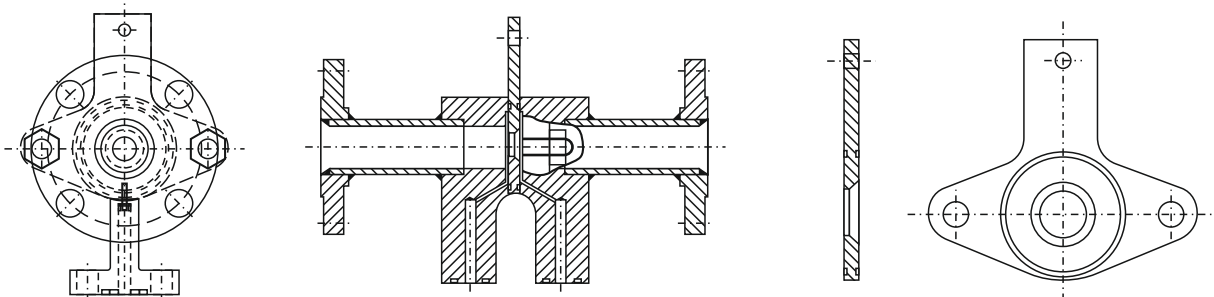
Description

An integral orifice plate assembly is integrally mounted with the measuring instrument. It is compact and complete flow meter device without need of impulse piping. The assembly includes integral orifice plate, bodies, stud, nut & gasket bodies with socket weld or threaded end connections are available IOPA with upstream & downstream piping with flanged ends are also available.

Technical Specifications

Line Size	15 NB to 50 NB (½" – 2" NB)
Accuracy	±2% of F.S.
Material of Plate	AISI 316, AISI 304, Hastalloy C, Monel, Other as per requirement
Material of Body	A351-CF8M, A216-WCB, A105, A182-F316
Material of Gasket	P.T.F.E.

Integral Meter Run Assembly



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.

Ordering Information

Sample Order Code : 01B-70B-71D-97J-99K-100C-118C-119B-120D-123C-124D-125D-133B
134A-137B-141A-142A-143C

Parameter		Code	Value		Code	Value	Parameter	Code	Value	
01	Line Size	01A	15 NB		01D	32 NB	99	Line Schedule	99T	Schedule Medium / B Class
		01B	20 NB		01E	40 NB			99U	Schedule Heavy / C Class
		01C	25 NB		01F	50 NB			99X	Other
70	Flange Standard	70D	ASME B 16.36			100	MOC Of Gasket	100A	C.A.F.	
		70E	ASME B 16.5					100B	S.W.G. SS 304 With Grafoil Filler	
		70F	ASME B 16.47 Series (A)					100C	PTFE	
		70G	ASME B 16.47 Series (B)					100D	IS2712 GR W/3	
		70X	Other					100E	S.W.G. SS 316 With GrafoilFiller	
71	Flange Rating	71A	ANSI 150#					100X	Other	
		71B	ANSI 300#					100Z	NA	
		71C	ANSI 600#					118A	3.18 mm	
		71X	Other			118B	4.0 mm			
97	Flange MOC	97A	A 105 C. S.			118C	6.35 mm			
		97B	A 182 GR F11			118X	Other			
		97C	A 182 GR F12			119	Orifice Type Of Tapping	119B	CORNER	
		97D	A 182 GR F22					119X	Other	
		97E	A 182 GR F9					119Z	NA	
		97F	A 182 GR F 304			120	Orifice Plate Material	120A	AISI 316	
		97G	A 182 GR F 304L					120B	AISI 316L	
		97H	A 240 GR 304					120C	AISI 304	
		97I	A 240 GR 304L					120D	AISI 304L	
		97J	A 182 GR F 316					120E	Hastalloy C	
		97K	A 182 GR F 316L					120F	Monel	
		97X	Other					120X	Other	
		97Y	None			123	Pipe MOC	120A	A 106 GR B	
99	Line Schedule	99A	Schedule 5					120B	A 335 – GR P11	
		99B	Schedule 10					120C	A 335 – GR P22	
		99C	Schedule 20					120D	A 335 – GR P91	
		99D	Schedule 30					120E	A 312 – TP 304	
		99E	Schedule 40					120F	A 312 – TP 316	
		99F	Schedule 60					120G	A 312 – TP 304L	
		99G	Schedule 80					120H	A 312 – TP 316L	
		99H	Schedule 100					120X	Other	
		99I	Schedule 120					120Y	None	
		99J	Schedule 140					124	Upstream Pipe Length	124D
		99K	Schedule 160			124X	Other			
99	Line Schedule	99L	Schedule STD			125	Downstream Pipe Length	125D	250 mm	
		99M	Schedule XS					125X	Other	
		99N	Schedule XXS			133	MOC Of Stud	133A	ASTM A 193 GR B7	
		99O	Schedule 5S					133B	ASTM A 193 GR B8	
		99P	Schedule 10S					133X	Other	
		99Q	Schedule 40S					133Z	NA	
		99R	Schedule 80S					134	MOC Of Nut	134A
		99S	Schedule Low / A Class			134B	ASTM A 194 GR 8			
					134X	Other				
						134Z	NA			

Ordering Information

Sample Order Code : 01B-70B-71D-97J-99K-100C-118C-119B-120D-123C-124D-125D-133B
134A-137B-141A-142A-143C

Parameter		Code	Value
137	IOPA Block Material	137A	A351–CF8M
		137B	A216–WCB
		137X	Other
141	Integral Orifice Assembly Type	141A	Integral Block
		141B	Integral Meter
		141X	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.			

Parameter	Code	Value
142	Orifice Plate Type	142A Concentric Square Edge
		142B Eccentric
		142C Quarter Of Circle
		142D Segmental
		142X Other
		143A WNRF
143	Integral Orifice Plate Assembly Flange Type	117B SORF
		117C RTJ
		117D Threaded
		117X Other
		117Z NA