

# INTEGRAL ORIFICE ASSEMBLY IOA SERIES

## Technical Data

Used Differential Pressure Transmitter

Various Process Pipe Size: 3/8", 1/2", 3/4", 1", 1 1/2" available

Process Connection: Bevel welded, flange

Orifice Plate According To: ISO 5167, ASME and AGA-3 standard

Flange Rating: 150LB up to 600LB

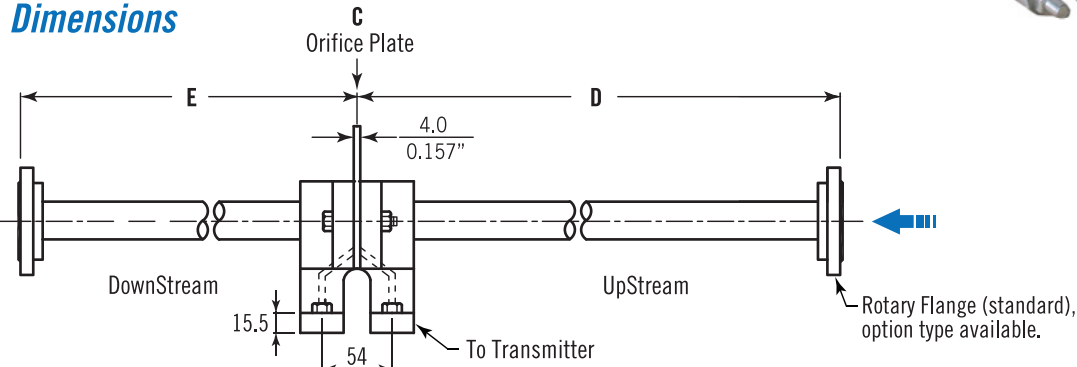
Pressure Limited: Up to 100 kg/cm<sup>2</sup>

Temperature Limited: -40°C~+350°C

Material: SS316 wetted parts & Teflon gasket; option available

Accuracy: ±1.0% F.S (for orifice plate only)

## Dimensions

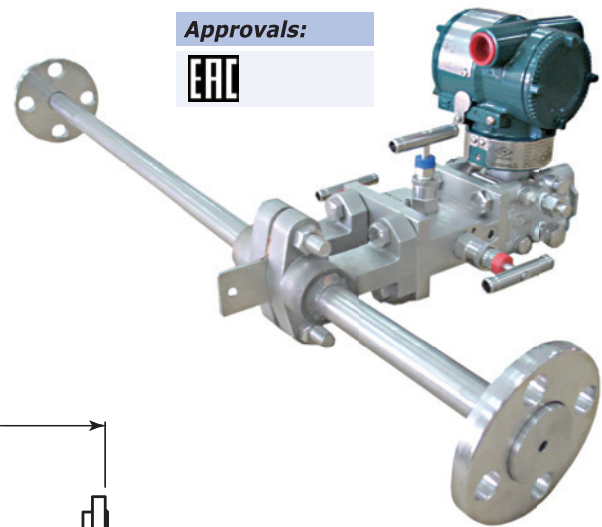


Assembly Line Size	Pipe Schedule		Straight Length Of Piping							
			With Flange				Without Flange			
			D		E		D		E	
		mm	in	mm	in	mm	in	mm	in	
3/8"	40S	80S	254	10.0	115	4.5	242	9.5	112	4.4
1/2"	40S	80S	318	12.5	145	5.7	315	12.4	142	5.6
3/4"	40S	80S	318	12.5	145	5.7	315	12.4	142	5.6
1"	40S	80S	513	20.2	221	8.7	510	20.1	218	8.6
1 1/2"	40S	80S	721	28.4	302	11.9	716	28.2	297.2	11.7

### NOTE.

1. Orifice plate bore size is by vendor.
2. Pipe schedule is option by user. (ex. Sch 160S)
3. Straight length of piping is option on request.

Approvals:



## Ordering Information

IOA	Code	Wetted Parts Material
	S	SS316
		<b>Code</b> <b>Gasket Material</b>
		T Teflon
		<b>Code</b> <b>Line Size</b>
		(A) 3/8" (B) 1/2" (C) 1" (D) 1 1/2" (E) 3/4"
		<b>Code</b> <b>Process Flange Size</b>
		(A) 1/2" (B) 3/4" (C) 1" (D) 1 1/2" (O) option
		<b>Code</b> <b>Process Connection</b>
		<b>1. Flange Rating</b> <b>2. Welded Type</b>
		15 ANSI 150# B Bevel End
		30 ANSI 300#
		60 ANSI 600#
		10 PN 10
		16 PN 16
		40 PN 40
		10K JIS 10K
		20K JIS 20K
		T Other: _____
<b>IOA</b>		<b>Complete Ordering Code</b>

\*Please fill in the ordering information and the specification of service condition in the next page.