



## Fusar Bassini Astorre e C. Snc CALIBRATED ORIFICES



### DESCRIPTION

The calibrated diaphragms develop the function of measure of gas or air course (warm or cold). Their employment is particularly convenient in the systems of combustion, in which the air-gas ratio combustion can easily be checked contemporarily reading the gas and air courses. These tools of measure can be used besides as circumferentors in circuits checked by programmable logics.

### TECHNICAL

- Construction in aluminum or steel (based to the employment);
- Temperatures of exercise: up to 500° C;
- Pressures of exercise: up to 1500 mm H<sub>2</sub>O;
- Threaded connections up to DN 50;
- Flanged connections up to DN 500;
- Raised reliability in the reading of course

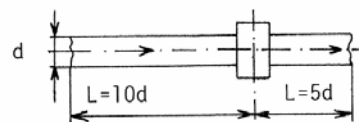
### INSTALLATION

Every calibrated diaphragm is equipped with the relative chart of setting and the indication of the residual losses of load provoked to valley of the diaphragm.

To assure reliability to the relief of the course the normative one they recommend to insert the diaphragm calibrated in a rectilinear line of pipeline having at least:

$L = 10 d$

$L = 5 d$  in valley of the diaphragm



**Diameter of threaded connections:** from ½" to 2"

**Diameter of flanged connection:** from 2 ½" to 20"

**Equipped with chart Dp-Q**

**CAUTION:** The combustion system must be designed and installed meeting the law regulations in force. If the installation, the use and the maintenance are not carried out correctly, severe damages to things or persons might occur

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GAS BURNERS AND COMPONENTS FOR COMBUSTION SYSTEMS

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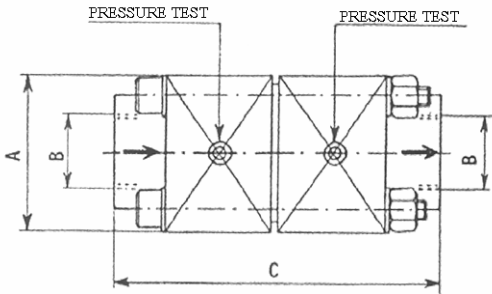




# Fusar Bassini Astorre e C. Snc

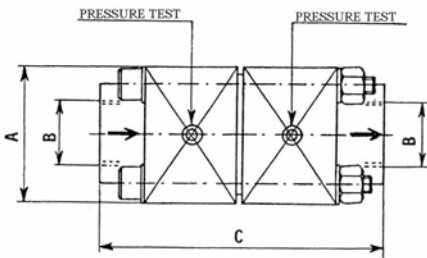
## CALIBRATED ORIFICES

### FROM 1/2" TO 2"



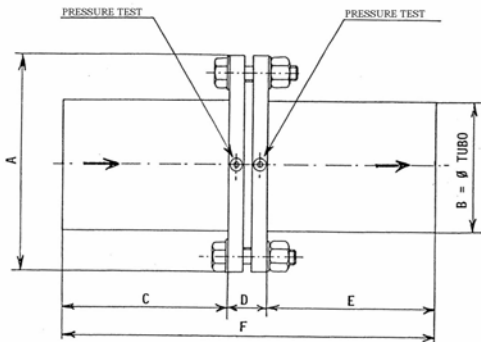
ORIFICE	A Ø mm	B Ø "	C mm
DN 15 - 1/2"	55 x 55	1/2" gas	82
DN 20 - 3/4"	55 x 55	3/4" gas	82
DN 25 - 1"	65 x 65	1" gas	82
DN 32 - 1"1/4"	75 x 75	1"1/4 gas	100
DN 40 - 1"1/2"	75 x 75	1"1/2 gas	100
DN 50 - 2"	95 x 95	2" gas	108

### FROM 2 1/2" TO 3"



ORIFICE	A Ø mm	B Ø PIPE mm	C mm
DN 65 - 2" 1/2	150	2" 1/2	110
DN 80 - 3"	180	3"	110

### FROM 4" TO 12"



ORIFICE	A Ø mm	B Ø PIPE "	C mm	D mm	E mm	F mm
DN 100 - 4"	210	4" 114	320	40	320	680
DN 125 - 5"	240	5" 139,7	130	50	130	310
DN 150 - 6"	265	6" 166,5	180	50	180	410
DN 200 - 8"	320	8" 219,7	230	55	230	515
DN 250 - 10"	375	10" 273	270	60	270	600
DN 300 - 12"	440	12" 324	320	60	320	700

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