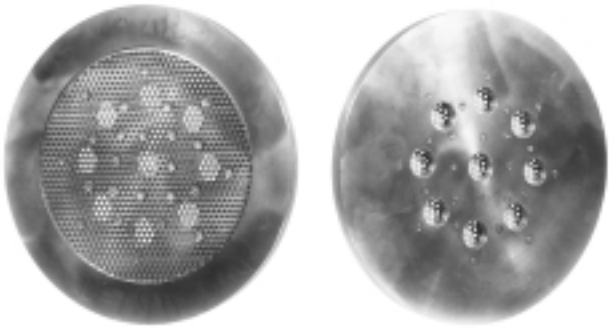
MUFFLING ORIFICE PLATES (MOPS)



INLET **OUTLET**
MUFFLING ORIFICE

- **Reduces noise by 6 dBA to 12 dBA**
- **Engineered for each application**
- **Designed to fit between ANSI flanges (DIN upon request)**
- **For noise reduction estimates, consult your Representative.**

Canadian Registration # OH 6265.51a

Application Data

- Spence Pressure Regulators or Control Valves where noise reduction is desired

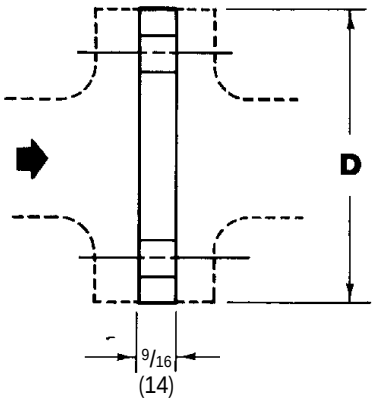
SIZING INFO PAGE 285

Materials of Construction

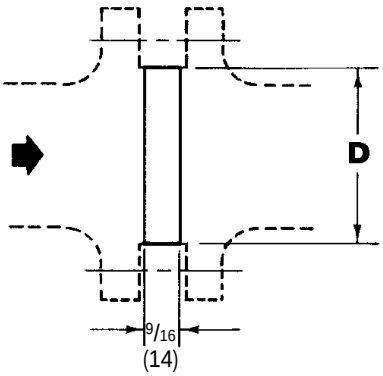
Plate .....Steel ASTM A285-78 Gr. C.
Disc .....St. St. 302-2B

Specification

A Muffling Orifice Plate to be constructed of materials suitable for the installation and compatible with the piping. Generally, it is to be of steel construction with stainless steel plate weldedto the primary plate. The orifices are to be on the stainless steel plate. Orifice plates are to be designed for installation between two ANSI flanges in the enlarged piping downstream of the regulator or noise suppressor. Muffling Orifice Plates are to be designed to provide between 6 to 12 dBA of noise reduction on a high flow PRV.



ANSI 125 & 150 FLANGED



ANSI 250, 300 & 600 FLANGED

DIMENSIONS inches (mm)

NOMINAL PIPE SIZE	DIMENSION D ANSI 125 150	ANSI 250 300	ANSI 600
2 (50)	6 (152)	4 3/16 (106)	3 5/8 (92)
2 1/2 (65)	7 (178)	4 15/16 (126)	4 1/8 (105)
3 (75)	7 1/2 (190)	5 11/16 (146)	5 (127)
4 (100)	9 (229)	6 15/16 (178)	6 3/16 (156)
5 (125)	10 (254)	8 5/16 (210)	7 5/16 (184)
6 (150)	11 (279)	9 11/16 (247)	8 1/2 (216)
8 (200)	13 1/2 (343)	11 15/16 (305)	10 5/8 (270)
10 (250)	16 (406)	14 1/16 (357)	12 3/4 (324)
12 (300)	19 (483)	16 7/16 (419)	15 (381)
14 (350)	21 (533)	18 15/16 (481)	16 1/4 (413)
16 (400)	23 1/2 (597)	21 1/16 (534)	18 1/2 (470)
18 (450)	25 (635)	23 5/16 (591)	21 (533)