

W-1880 Automatic Balancing Valve

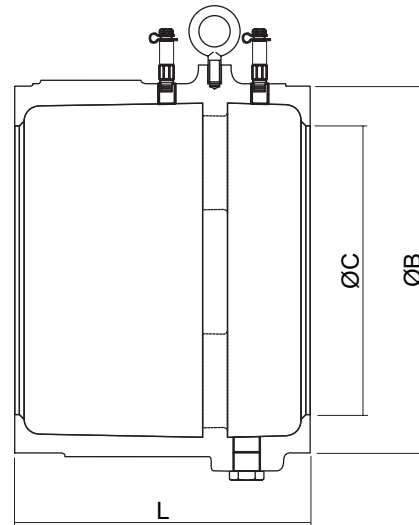
Wafer Pattern and Test Points

Compatible with ASME/ANSI Flanges Class 125/150 - 250/300 - 2½" to 16"

DIMENSIONS - In.					
Size	L	B	C	Weight Lbs. ¹	Max No 3" Cartridges
2½"	6.0	4.8	4.3	13	1 ²
3"	9.0	5.4	5.0	20	1
4"	9.6	6.8	6.0	39	2
5"	10.0	7.6	6.5	48	3
6"	10.2	8.5	6.8	60	4
8"	11.0	11.0	8.0	88	7
10"	11.0	13.3	9.3	129	11
12"	11.0	15.9	10.6	180	15
14"	11.0	17.6	11.5	221	19
16"	17.2	20.0	14.8	360	23

¹Valve body without cartridge

²Uses 2½" cartridge



MATERIAL LIST	
PART	SPECIFICATION
Body - 2½" to 14"	Ductile Iron ASTM A536
Body - 16" to 30"	Steel
Regulating Cartridge*	Brass UNS C35330 (DZR) & Stainless St.
Test Point (2)	Brass UNS C35330 (DZR)
Test Point Extender (2)	DRZ Brass
Stud Kit	Steel - Zinc Plated
Tie	Polypropylene Blue Color
Tie	Polypropylene Red Color

*Balancing Cartridge sold as separate part.

CARTRIDGE RANGE	
Control Range psi	Flow Rate Increments gpm
2 to 32	5
5 to 60	5
3 to 20	10
5 to 40	10
7 to 45	10

Sizes 2" to 14"

600 PSI Non-Shock -20°F to 250°F
Maximum Temperature 250°F at 600 PSI

Size 16"

225 PSI Non-Shock -20°F to 250°F
Maximum Temperature 250°F at 225 PSI

Flow Measurement Accuracy ±5%

Balancing Cartridges to be selected based upon specified flow requirements

Project: _____

Contractor: _____

PO/Job No.: _____

Engineer: _____

Representative: _____

Date: _____