

# Flanged Globe Style Balancing Valves

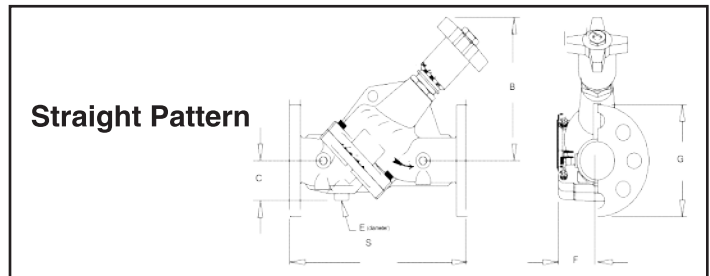
### Features:

- Available in sizes 2 1/2" through 8"
- Ductile Iron bodies
- Globe Style design for precise balancing & low pressure drop
- Hidden memory stop protects precise balancing setting during on/off operation
- Pressure Drop Diagrams available for all sizes-consult factory
- Pre-balancing capability saves times
- Positive shut-off

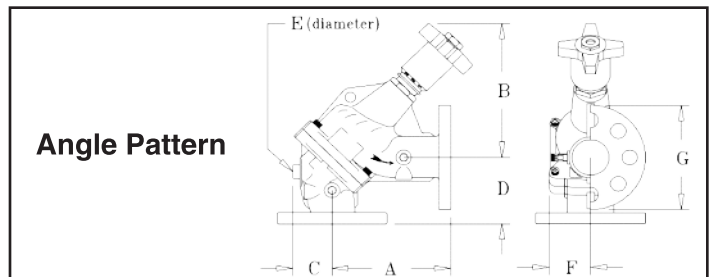


### Bill of Materials

DESCRIPTION	MATERIAL
Valve Body	Ductile Iron
Disc	Bronze
Seat	BUNA Gasket
Stem	Stainless Steel
Spring	Stainless Steel ASTM A313 Type 302
O-Rings	BUNA
Metering Ports (2)	Brass
Drain Tapping (2)	1/4" NPT



DESIGN DATA STRAIGHT AND ANGLE		
Connection Size	Stem: No. of 360° turns	Max. Press/Temp
2.5	5	225 PSI WP
3	5	
4	6	
5	9	
6	10	240° F (116° C)
8	12	



MODEL	SIZE	A	B (fully open)	C	D	E	F	G	S	WEIGHT
GS 250	2.5"	7.38 (187)	9.62 (244)	2.75 (70)	4.63 (118)	1.00 (25)	2.56 (65)	7.00 (178)	12.00 (305)	33 (15)
GS 300	3"	8.19 (208)	10.50 (267)	2.44 (62)	3.88 (99)	1.00 (25)	3.00 (76)	7.50 (191)	12.00 (305)	39 (17.7)
GS 400	4"	9.63 (245)	10.56 (268)	3.00 (76)	4.38 (111)	1.25 (32)	3.44 (87)	9.00 (229)	14.00 (356)	59 (26.8)
GS 500	5"	12.00 (305)	13.06 (332)	3.62 (92)	5.50 (140)	1.25 (32)	4.94 (125)	10.00 (254)	17.50 (445)	108 (49)
GS 600	6"	14.13 (359)	13.75 (349)	4.44 (119)	6.63 (168)	2.00 (51)	5.88 (149)	11.00 (279)	20.69 (526)	167 (75.7)
GS 800	8"	19.00 (483)	24.62 (625)	5.69 (145)	9.19 (233)	2.25 (57)	7.88 (200)	13.50 (343)	28.00 (711)	344 (156)

**INSTALLATION:** Locate the balancing valve 5X pipe diameters downstream from a fitting-10X from a pump for balancing.

NOTE: All packaging materials, thread protectors, plastic plugs and caps must be removed before installation. Dimensions are subject to change without notice, Please confirm actual dimensions with factory at time of order.

JOB NAME \_\_\_\_\_  
 LOCATION \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 CONTRACTOR \_\_\_\_\_  
 CONTRACTOR P.O. NO. \_\_\_\_\_

ITEMS	QUANTITY
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____



2701 W. Concord Street  
 Broken Arrow, OK 74012  
 Toll Free: 866-204-5229  
 PH: 918-317-0401  
 FAX: 918-317-0407  
 www.wheatleyhvac.com  
 e-mail: sales@globalflowproducts.com