

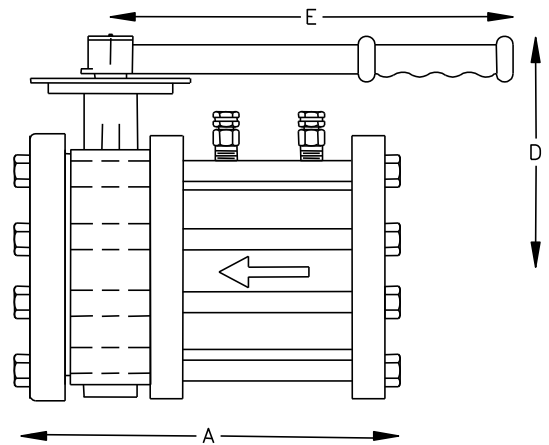
**SPECIFICATIONS**

- PSI/Temperature Rating:** 200 PSI / 275° F
- Cartridge:** AISI Type 304 stainless steel  
AISI Type 17-7 PH stainless steel spring
- Body Material:** Ductile Iron ASTM A536 GR60-40-18
- End Connections:** Threaded End, Slip-On or Weldneck Steel flanges ANSI B16.5 Class 150 or Grooved End<sup>1</sup>
- Body Tappings:** 1/4" NPT with Pressure test valves
- Butterfly Disc:** Aluminum Bronze
- Butterfly Shaft:** 316/416 Stainless Steel
- Butterfly Seat:** EPDM
- Butterfly Body:** Ductile Iron

**DIMENSIONS & WEIGHTS (NOMINAL)**

All dimensions are for planning purposes only and may change without notice.

SIZE	A WELDNECK	A GE, SLIP-ON, OR THREADED	D	E	WEIGHT (LBS.)
2-1/2"	15.8	12.2	8.8	10.5	50
3"	15.8	12.2	7.09	10.5	50
4"	16.7	12.6	7.68	10.5	80
6"	19.0	14.0	9.13	10.5	136



**MODEL NUMBER SELECTION<sup>2</sup>**

Insert "2.5" for 2-1/2", "3" for 3", "4" for 4", "6" for 6"

Select a PSID control range  
(1=1-20 or 4-20, 2=2-32 or 8-32, 4=4-57, 8=8-128, High flow rates 3=3-18, 5=5-32)

Specify "T" for Threaded Flanges, "S" for Slip-On Flanges, "W" for Weldneck Flanges, "G" for Grooved End Connection<sup>1</sup>

3
W
A<sup>3</sup>

**NOTES**

<sup>1</sup> Grooved End option includes Flange by Grooved clamps for field assembly to Grooved End pipe.  
<sup>2</sup> Model no. and flow rate are indicated on label affixed to body.  
<sup>3</sup> Schrader pressure port for flow verification is standard on Wafer with Butterfly Valve. Replace "A" with "B" for pressure/temperature port.

**FLOW RATES (+/-5%)**

TYPE OF CARTRIDGE:		STANDARD FLOW				
LINE SIZE	MODEL NO.	NOMINAL CONTROL RANGE (PSID)	1-20	2-32	4-57	8-128
		MAX. PRESSURE DIFF. (PSI)	20	32	57	128
		HEAD LOSS IN FEET <sup>4</sup>	3.0	7.4	13.4	30.0
		MIN. AVAILABLE GPM	14	17.5	23.33	35
		GPM INCREMENTS	2.0	2.5	3.33	5.0
2-1/2 or 3	3W_	Maximum GPM	60	75	100	150
4	3W_	Maximum GPM	120	150	200	300
6	3W_	Maximum GPM	240	300	400	600

TYPE OF CARTRIDGE:		STANDARD FLOW HIGH CAPACITY		
LINE SIZE	MODEL NO.	NOMINAL CONTROL RANGE (PSID)	4-20	8-32
		MAX. PRES. DIFF. (PSI)	20	32
		HEAD LOSS IN FEET <sup>4</sup>	9.2	18.4
		GPM INCREMENTS	20.0	25.0
2-1/2 or 3	3W_	Minimum GPM	90	110
		Maximum GPM	130	160

TYPE OF CARTRIDGE:		HI - FLOW				
LINE SIZE	MODEL NO.	NOMINAL CONTROL RANGE (PSID)	3-18 (LOW INCREMENTS)	3-18 (HIGH INCREMENTS)	5-32 (LOW INCREMENTS)	5-32 (HIGH INCREMENTS)
		MAX. PRES. DIFF. (PSI)	18	18	32	32
		HEAD LOSS IN FEET <sup>4</sup>	5.8	5.8	11.5	11.5
		GPM INCREMENTS	2.0	SEE ACTUAL FLOWS	2.5	SEE ACTUAL FLOWS
3	3W_	Minimum GPM	N/A	N/A	N/A	N/A
		Maximum GPM	N/A	N/A	N/A	N/A
4	3W_	Minimum GPM	114	200	152.5	335, 360, 400
		Maximum GPM	160		275	
6	3W_	Minimum GPM	114	400	152.5	735, 760, 800
		Maximum GPM	360		675	

**NOTES**

<sup>4</sup> Head Loss in Feet is provided for pump head calculations. (1 PSI = 2.307 Feet of Water)