



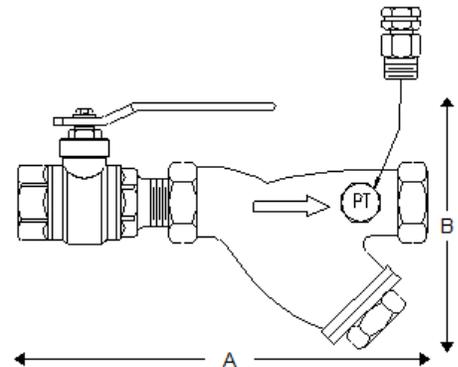
**THREADED STRAINER & BALL VALVE SPECIFICATIONS**

**PSI/Temperature Rating:** 300 PSI / 250° F  
**Body Material:** Brass ASTM B584  
**Body Tappings:** 1/4" NPT  
**Y-Strainer:** 20 mesh stainless steel  
**Ball Valve:** Brass body with chrome plated brass ball, 600 WOG  
**Ball Valve Seal:** Teflon  
**Assembly:** Strainer comes fully assembled  
**Optional Body Tappings:** P/T Test Valve (1/2" to 1-1/2" FNPT Strainer only) and Drain Valve

**THREADED STRAINER & BALL VALVE DIMENSIONS & WEIGHTS (NOMINAL)**

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

SIZE	MODEL NO.	A LENGTH (with BV)	A LENGTH (FNPT)	A LENGTH (SWT)	B HEIGHT	WEIGHT (LBS.)
1/2"	3650	4.7	2.8	2.4	4.0	1.5
3/4"	3650	5.5	2.6	2.6	4.2	2.3
1"	3650H	6.5	3.1	N/A	5.0	3.3
1-1/4"	3650J	7.5	4.4	N/A	5.7	4.9
1-1/2"	3650K	8.5	4.4	N/A	6.5	5.4
2"	3650L	10.2	7.2	N/A	7.5	8.7



**FLANGED STRAINER SPECIFICATIONS**

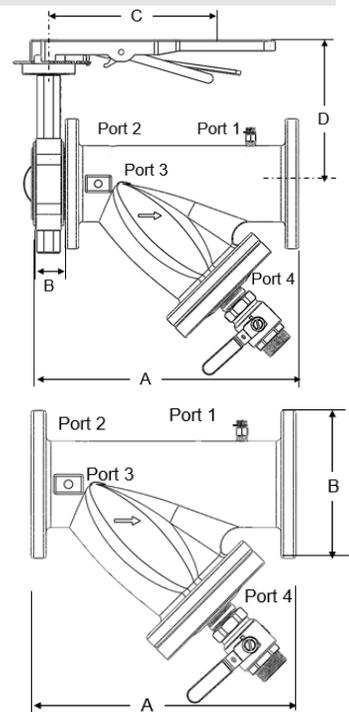
**PSI/Temperature Rating:** Strainer: 232 PSI / 200° F  
 Strainer/Butterfly: 175 PSI / 200° F  
**Body Material:** Cast Iron ASTM A126 Class B  
**End Connections:** Flanges ANSI B16.1 Class 125  
**Body Tappings:** Port 1: 1/4" NPT with PT; Port 2: 1/4" NPT; Port 3: 3/4" NPT; Port 4: Ball Valve to be used as drain valve  
**Strainer:** Stainless steel 304 ASTM 167  
**Butterfly Valve:** Ductile Iron ASTM A126 Class B  
 EPDM, Aluminum bronze, stainless steel stem (See F-4303 for additional details)  
**Assembly:** Valve comes fully assembled. Mating flanges supplied by others.

**FLANGED STRAINER DIMENSIONS & WEIGHTS (NOMINAL)**

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

SIZE	A LENGTH <sup>3</sup>	B <sup>1</sup>	C	D	HOLE Dia.	# OF HOLES	DRAIN SIZE	WEIGHT (LBS.)
2-1/2"	12.8	1.8	10.5	6.0	0.75	4	1"	57
3"	16.4	1.8	10.5	6.3	0.75	4	1"	86
4"	15.9	2.0	10.5	7.0	0.88	8	1-1/4"	90
5"	18.1	2.1	10.5	7.5	0.88	8	1-1/4"	150
6"	21.1	2.1	10.5	8.0	0.88	8	1-1/2"	196
8"	26.1	2.5	11.8 <sup>2</sup>	9.5	0.88	8	1-1/2"	245
10" <sup>4</sup>	28.7	2.7	11.8 <sup>2</sup>	15.0	1	12	2"	450
12" <sup>4</sup>	33.1	3.1	11.8 <sup>2</sup>	16.5	1	12	2"	710

SIZE	A LENGTH <sup>3</sup>	B HEIGHT	BOLT CIRCLE	HOLE Dia.	# OF HOLES	DRAIN SIZE	WEIGHT (LBS.)
2-1/2"	10.7 - 11.4	7.1	5.5	0.75	4	1"	36
3"	11.5 - 12.2	7.5	6.0	0.75	4	1"	44
4"	13.8	9.1	7.5	0.88	8	1-1/4"	68
5"	15.8 - 16.5	10.0	8.5	0.88	8	1-1/4"	117
6"	18.5 - 18.9	11.0	9.5	0.88	8	1-1/2"	147
8"	21.4 - 23.6	13.6	11.8	0.88	8	1-1/2"	246
10" <sup>4</sup>	26.0	15.9	14.3	1	12	2"	370
12" <sup>4</sup>	30.0	19.1	17.0	1	12	2"	579



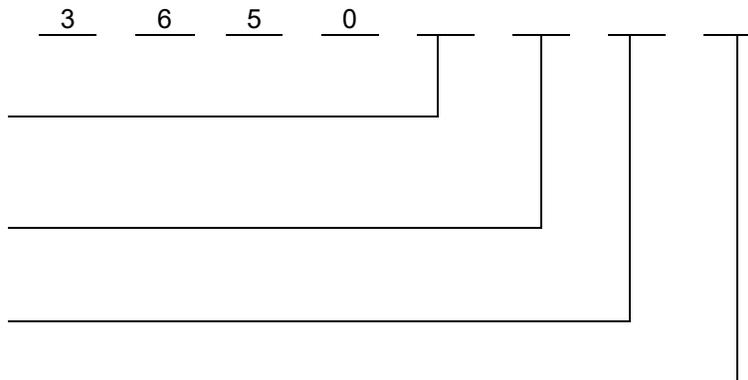
**MODEL NUMBER SELECTION<sup>5</sup>**

Select Housing (FNPT: D=1/2", F=3/4", H=1", J=1-1/4", K=1-1/2", L=2" **Sweat:** 21=1/2", 22=3/4" **FLANGED:** M=2-1/2", N=3", P=4", Q=5", R=6", S=8", T=10", U=12")

Select an Accessory Package (A=Plugged Ports, B=PT&DV, C=No Port & DV<sup>6</sup>)

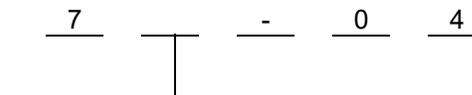
Isolation Valve (B=Butterfly or Ball, X=None)

Extension Option<sup>7</sup> (0=No, 1=1-1/2", 2=2")



**BALL VALVE**

Select a Housing: (342=1/2", 243=3/4", 244=1", 245=1-1/4", 340=1-1/2", 813=2")



**NOTES**

- <sup>1</sup> B dimension does not include seat.
- <sup>2</sup> 8"-12" Butterfly have a wheel handle, not lever, for adjustment. Dimension shown is diameter of wheel.
- <sup>3</sup> The length can vary between casting foundries. Please contact Griswold Controls at time of order for length of product.
- <sup>4</sup> 10" and 12" don't include ports 1, 2 or 3.
- <sup>5</sup> Model no. is indicated on label affixed to body for Strainers.
- <sup>6</sup> Accessory Package B and A are not available on Sweat Strainers or on 2" Strainers. 10" and 12" don't include ports 1, 2 or 3.
- <sup>7</sup> Extension Option includes 1/4" accessory extensions for either 1-1/2" or 2" insulation. 1-1/4" Strainer with B option includes PT extension only. Extensions are not available for 1-1/2" Strainers.