

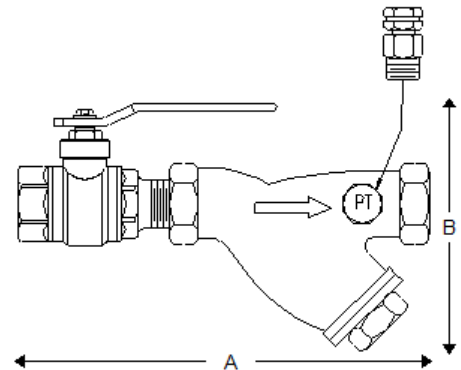
THREADED STRAINER & BALL VALVE SPECIFICATIONS

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

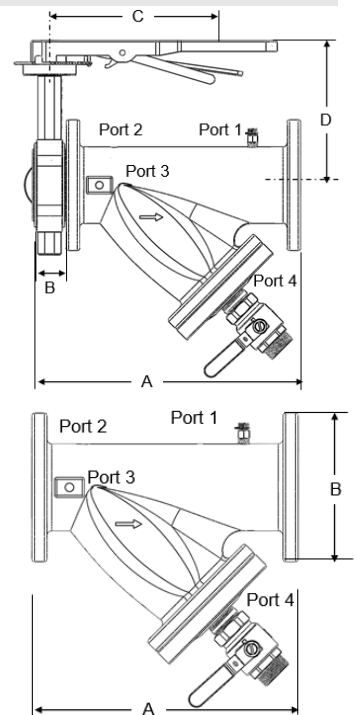
PSI/Temperature Rating: Strainer: 232 PSI / 200° F
 Strainer/Butterfly: 175 PSI / 200° F
Body Material: Cast Iron ASTM A126 Class B
End Connections: Flanges ANSI B16.1 Class 125
Body Tappings: Port 1: 1/4" NPT with PT; Port 2: 1/4" NPT; Port 3: 3/4" NPT; Port 4: Ball Valve to be used as drain valve
Strainer: Stainless steel 304 ASTM 167
 Perforations: 2-1/2", 3": 0.045"; 4" to 8": 0.125"; 10", 12": 0.197"
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 ³	B ¹	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"	14.4	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 ²	9.5	0.88	8	1-1/2"	245
10" ⁴	28.7	2.7	11.8 ²	15.0	1	12	2"	450
12" ⁴	33.1	3.1	11.8 ²	16.5	1	12	2"	710

SIZE	A LENGTH ³	B	BOLT CIRCLE	HOLE Dia.	# OF HOLES	DRAIN SIZE	Cv	WEIGHT (LBS.)
2-1/2"	10.7 - 11.4	7.1	5.5	0.75	4	1"	78	36
3"	11.5 - 12.2	7.5	6.0	0.75	4	1"	115	44
4"	13.8	9.1	7.5	0.88	8	1-1/4"	200	68
5"	15.8 - 16.5	10.0	8.5	0.88	8	1-1/4"	319	117
6"	18.5 - 18.9	11.0	9.5	0.88	8	1-1/2"	455	147
8"	21.4 - 23.6	13.6	11.8	0.88	8	1-1/2"	830	246
10" ⁴	26.0	15.9	14.3	1	12	2"	1350	370
12" ⁴	30.0	19.1	17.0	1	12	2"	2080	579



MODEL NUMBER SELECTION⁵

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 & DV⁶)

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

Extension Option⁷ (0=No, 1=1-1/2", 2=2")

3 6 5 0

BALL VALVE

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

7 - 0 4

NOTES

- ¹ B dimension does not include seat.
- ² 8"-12" Butterfly have a wheel handle, not lever, for adjustment. Dimension shown is diameter of wheel.
- ³ The length can vary between casting foundries. Please contact Griswold Controls at time of order for length of product.
- ⁴ 10" and 12" don't include ports 1, 2 or 3.
- ⁵ Model no. is indicated on label affixed to body for Strainers.
- ⁶ 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.
- ⁷ 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.