



Valves

SUBMITTAL

SHEET

Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO#:	
Rep:	
Wholesale Dist.:	

STANDARD MATERIALS LIST

Cast Bronze, ASTM B584

Brass, ASTM B16 (1/8" - 1")

Stainless Steel, 304

PTFE

PTFE

Bronze, ASTM B584 (1-1/4" - 4")

### DESCRIPTION

The Apollo 59 Series Heavy Pattern Strainers are designed with large area screens to protect piping systems and process equipment from unwanted foreign particles with minimum pressure loss.

#### **FEATURES**

- 100% Factory Pressure Tested
- Self-Aligning Screen Design
- Numerous Mesh and Blow-off Options including Blow-off Ball Valves
- Made in USA

## PERFORMANCE RATING

- Working Pressure: CWP: 400 psi SWP: 125 psi
- Maximum Temperature: 350° F

#### **APPROVALS**

• CRN-0E 8959.5

### MODELS

- (59000) Female NPT Connection
- (59300) Solder Connection (1/2"-3")
- (59400) FNPT Inlet X Male NPT Out (3/4"-1")
- See 59LF Submittal Sheet (SS1173) for Lead Free Materials

### **OPTIONS**

- (-E1) 20 Mesh
- (-01) Plain Cap
- (-B1) 60 Mesh
- (-C1) 80 Mesh
- (-H1) 100 Mesh
- (-02) Tapped Cap
- (-P2) Tapped Cap with Plug
- (-06) Tapped cap with Ball Valve (3/4" 2" Only)

### DIMENSIONS

PART	SIZE	LENGTH (IN.)		CAP TAPPING	NET SCREEN	WT.	
NUMBER	(IN.)	FNPT	MNPT	(-02 SUFFIX)	AREA (IN <sup>2</sup> )	(LB.)	
59-000-01	1/8	2	NA	1/8 NPT	2.3	.44	
59-001-01	1/4	2	NA	1/8 NPT	2.3	.42	
59-002-01	3/8	2.69	NA	1/4 NPT	3.2	.78	
59-003-01	1/2	2.69	NA	1/4 NPT	3.2	.75	
59-004-01	3/4	4.25	NA	1/2 NPT	6.7	1.7	
59-005-01	1	4.75	NA	3/4 NPT	10.8	2.7	
59-006-01	1-1/4	5.13	NA	3/4 NPT	13.5	3.4	
59-007-01	1-1/2	5.75	NA	1 NPT	19.0	5.3	
59-008-01	2	6.66	NA	1-1/4 NPT	27.6	7.2	
59-009-01	2-1/2	8.24	NA	1-1/4 NPT	41.0	11.3	
59-010-01	3	9	NA	1-1/2 NPT	56.0	15.5	
59-011-01	4	11.92	NA	1-1/2 NPT	98.0	30.7	
59-400							
59-404-01	3/4	NA	4.25	1/2 NPT	6.7	1.7	
59-405-01	1	NA	4.75	3/4 NPT	10.8	2.7	

Part numbers shown are for FNPT connections.

# **STANDARD SCREENS (-01)**

BODY

CAP

SCREEN

O-RING (1-8" - 1/2")

GASKET (3/4" - 4")

SIZE (IN.)	SCREEN
1/8 to 1/2	50 Mesh
3/4 to 3	20 Mesh
4	.125 Perforation

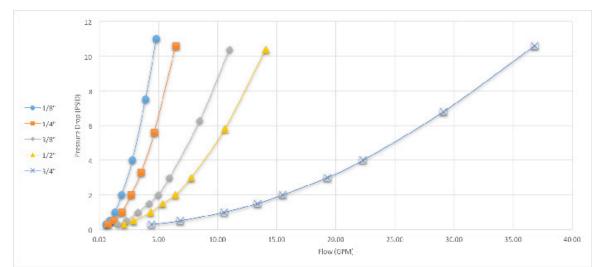
DE IN USA

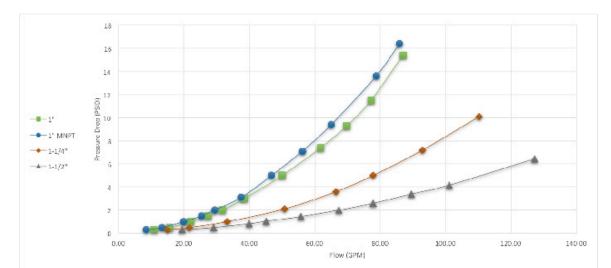


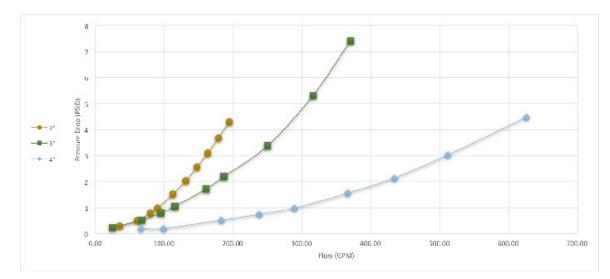


**59 Series** BRONZE WYE-STRAINER

# **FLOW CURVES**









2 Customer Service (704) 841-6000

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