

# 59-300 Series

Bronze Wye-Strainer



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

## DESCRIPTION

The Apollo 59-300 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**

## APPROVALS

- CRN OE8959.5

## PERFORMANCE RATING

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

## MODELS

- (59000) Female NPT Connection
- (59LF000) Lead Free Female NPT Connection
- (59FL300) Lead Free Solder Connection (1/2" - 3")

## OPTIONS

- (-E1) - 20 Mesh
- (-O1) - Plain Cap
- (-B1) - 60 Mesh
- (-C1) - 80 Mesh
- (-H1) - 100 Mesh
- (-O2) - Tapped Cap
- (-P2) - Tapped Cap with Plug
- (-O6) - Tapped cap with Ball Valve

## STANDARD MATERIALS LIST

<b>BODY</b>	Cast Bronze, ASTM B584
<b>CAP</b>	Brass, ASTM B16 (1/2" - 1") Brass, ASTM B584 (1-1/4" - 3")
<b>SCREEN</b>	Stainless Steel, 304
<b>O-RING (1/2")</b>	PTFE
<b>GASKET (3/4" - 3")</b>	PTFE

## DIMENSIONS

PART NUMBER	SIZE (IN.)	LENGTH (IN.)	CAP TAPPING (-O2 SUFFIX)	NET SCREEN AREA (IN <sup>2</sup> )	WT. (LB.)
59-303	1/2	2.75	1/4 NPT	3.2	0.50
59-304	3/4	4.00	1/2 NPT	6.7	1.21
59-305	1	4.75	3/4 NPT	10.8	1.89
59-306	1-1/4"	5.25	3/4 NPT	13.5	2.80
59-307	1-1/2	6.00	1 NPT	19.0	4.26
59-308	2	7.25	1-1/4 NPT	27.6	6.27
59-309	2-1/2	9.58	1-1/4 NPT	41.0	11.17
59-310	3	10.58	1-1/2 NPT	56.0	16.48

## STANDARD SCREENS

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

**FLOW CURVES**

