

# 59LF Series

Model YB-LF - Bronze Wye-Strainer

LEAD FREE

## SUBMITTAL SHEET

"Apollo" Flow Controls



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

### DESCRIPTION

The Apollo® Lead Free\* YB-LF (59LF) 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

- Lead Free\*
- 100% Factory Pressure Tested
- Removable Self-Aligning Screen Design
- Numerous Mesh and Blow-off Options including Blow-off Ball Valves
- ARRA Compliant
- 100% Cast, Machined and Assembled in the USA

### APPROVALS

- NSF/ANSI - 372 Lead Free

### PERFORMANCE RATING

- Working Pressure (Non-Shock): 400 PSIG @ 150°F
- Max Temperature: 450°F

### MODELS

- (59LF000) Female NPT Connection
- (59LF300) Solder Connection (1/2"-3")
- (59LF400) FNPT Inlet X Male NPT Out (3/4"-1")

### OPTIONS

- (-E1) - 20 Mesh
- (-A1) - 40 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 (3/4" - 2" Only)

### STANDARD MATERIALS LIST

BODY	Cast Bronze, ASTM Lead Free B584
CAP	Lead Free Bronze, UNS C27451 (1/8" - 1") Lead Free Bronze, ASTM B584 C89836 (1-1/4" - 4")
SCREEN	Stainless Steel, 304
O-RING (1-8" - 1/2")	PTFE
GASKET (3/4" - 4")	PTFE

### DIMENSIONS

MODEL NUMBER	PART NUMBER	SIZE (IN.)	LENGTH (IN.)		CAP TAPPING (-O2 SUFFIX)	NET SCREEN AREA (IN <sup>2</sup> )	WT. (LB.)
			FNPT	MNPT			
YB18LF	59LF-000-01	1/8	2	NA	1/8 NPT	2.3	.44
YB14LF	59LF-001-01	1/4	2	NA	1/8 NPT	2.3	.42
YB38LF	59LF-002-01	3/8	2.69	NA	1/4 NPT	3.2	.78
YB12LF	59LF-003-01	1/2	2.69	NA	1/4 NPT	3.2	.75
YB34LF	59LF-004-01	3/4	4.25	NA	1/2 NPT	6.7	1.7
YB1LF	59LF-005-01	1	4.75	NA	3/4 NPT	10.8	2.7
YB114LF	59LF-006-01	1-1/4	5.13	NA	3/4 NPT	13.5	3.4
YB112LF	59LF-007-01	1-1/2	5.75	NA	1 NPT	19.0	5.3
YB2LF	59LF-008-01	2	6.66	NA	1-1/4 NPT	27.6	7.2
YB212LF	59LF-009-01	2-1/2	8.24	NA	1-1/4 NPT	41.0	11.3
YB3LF	59LF-010-01	3	9	NA	1-1/2 NPT	56.0	15.5
YB4LF	59LF-011-01	4	11.92	NA	1-1/2 NPT	98.0	30.7
<b>59LF-400</b>							
YBM34LF	59LF-404-01	3/4	NA	4.25	1/2 NPT	6.7	1.7
YBM1LF	59LF-405-01	1	NA	4.75	3/4 NPT	10.8	2.7

Model number and part number shown are for FNPT connections.

### STANDARD SCREENS

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

\*LEAD FREE: The wetted surfaces of this product shall contain no more than 0.25% lead by weighted average. Complies with Federal Public Law 111-380. ANSI 3rd party approved and listed.

Customer Service (704) 841-6000  
www.apolloflowcontrols.com

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## FLOW CURVES

