

59-300 Series

Model YBS - Bronze Wye-Strainer

SUBMITTAL SHEET

"Apollo" Flow Controls



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

DESCRIPTION

The Apollo® YBS (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 Blowoff Options including Blowoff Ball Valves
- Made in USA

APPROVALS

- CRN OE8959.5

PERFORMANCE RATING

- Working Pressure (Non-Shock):
- 125 PSIG @ 350°F Steam
- 400 PSIG @ 150°F Water, Oil, Gas

MODELS

- (59000) Female NPT Connection
- See 59LF-300 Submittal Sheet for Lead Free Materials

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 B584 |
| CAP | Brass, ASTM B16 (1/8" - 1") Brass, ASTM B584 (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 (IN²) | WT. (LB.) |
|--------------|-------------|------------|--------------|--------------------------|-----------------------|-----------|
| YBS12 | 59-303 | 1/2 | 2.75 | 1/4 NPT | 3.2 | 0.50 |
| YBS34 | 59-304 | 3/4 | 4.00 | 1/2 NPT | 6.7 | 1.21 |
| YBS1 | 59-305 | 1 | 4.75 | 3/4 NPT | 10.8 | 1.89 |
| YBS114 | 59-306 | 1-1/4" | 5.25 | 3/4 NPT | 13.5 | 2.80 |
| YBS112 | 59-307 | 1-1/2 | 6.00 | 1 NPT | 19.0 | 4.26 |
| YBS2 | 59-308 | 2 | 7.25 | 1-1/4 NPT | 27.6 | 6.27 |
| YBS212 | 59-309 | 2-1/2 | 9.58 | 1-1/4 NPT | 41.0 | 11.17 |
| YBS3 | 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 |

