

# FIGURE 14B-YSS

## Y-STRAINER



### 800 PSI CWP STAINLESS STEEL Y-STRAINER

#### FEATURES

- 800 PSI CWP
- Temperature: -4°F to 356°F
- Investment cast components
- Stainless steel body and screen
- Viton® O-ring seal
- Threaded NPT ends
- 20 mesh screen
- Manufactured silicone free

Manufactured, assembled and tested without the use of silicone bearing compounds or lubricants



#### STANDARDS

- Pressure test: 80psi air
- Material: ASTM/ASME B16.34
- Connections: ANSI B1.20.1 (NPT)

#### CV & WEIGHTS

| Size  | Cv   | Wt. (lbs.) |
|-------|------|------------|
| 1/2   | 4.6  | 0.5        |
| 3/4   | 10.6 | 0.8        |
| 1     | 19.7 | 1.6        |
| 1-1/4 | 31.5 | 1.9        |
| 1-1/2 | 46.4 | 2.7        |
| 2     | 86.8 | 4.3        |

#### FIGURE NUMBER MATRIX

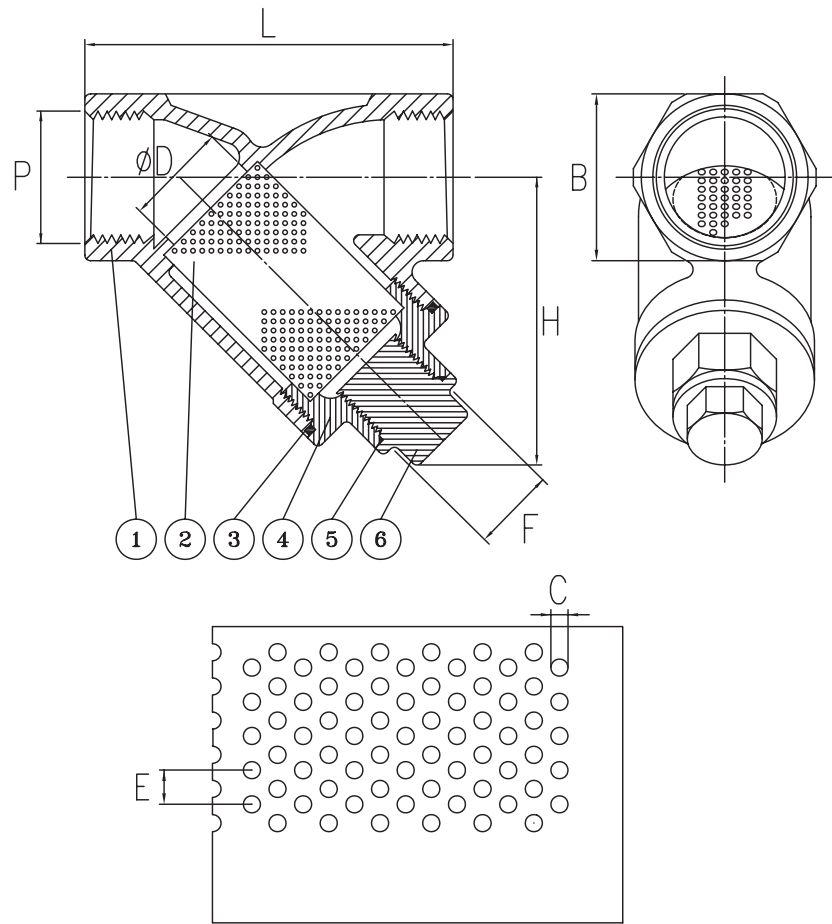
| Size Code – FNW YSS |          |
|---------------------|----------|
| 1/2                 | D        |
| 3/4                 | F        |
| 1                   | G        |
| 1-1/4               | H        |
| 1-1/2               | J        |
| 2                   | K        |
| Replacement O-rings |          |
| 1/2                 | FNWYSSOD |
| 3/4                 | FNWYSSOF |
| 1                   | FNWYSSOG |
| 1-1/4               | FNWYSSOH |
| 1-1/2               | FNWYSSOJ |
| 2                   | FNWYSSOK |
| Replacement Gaskets |          |
| 1/2                 | FNWYSSGD |
| 3/4                 | FNWYSSGF |
| 1                   | FNWYSSGG |
| 1-1/4               | FNWYSSGH |
| 1-1/2               | FNWYSSGJ |
| 2                   | FNWYSSGK |



**FIGURE 14B-YSS**  
**Y-STRAINER**



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**DIMENSIONS (INCHES)**

| Size  | ØD   | L    | H    | B    | C     | E     | F (NPT) | P (NPT) |
|-------|------|------|------|------|-------|-------|---------|---------|
| 1/2   | 0.59 | 2.56 | 1.89 | 1.02 | 0.039 | 0.079 | 1/4"    | 1/2"    |
| 3/4   | 0.79 | 3.15 | 2.17 | 1.30 | 0.039 | 0.079 | 1/4"    | 3/4"    |
| 1     | 0.98 | 3.54 | 2.76 | 1.61 | 0.039 | 0.079 | 1/2"    | 1"      |
| 1-1/4 | 1.26 | 4.13 | 2.91 | 1.93 | 0.039 | 0.079 | 1/2"    | 1-1/4"  |
| 1-1/2 | 1.58 | 4.75 | 3.23 | 2.21 | 0.039 | 0.079 | 1/2"    | 1-1/2"  |
| 2     | 1.97 | 5.51 | 3.74 | 2.72 | 0.039 | 0.079 | 1/2"    | 2"      |

**STANDARD MATERIALS**

| Ref. No. | Description | Material           | Qty |
|----------|-------------|--------------------|-----|
| 1        | Body        | ASTM A351 Gr. CF8M | 1   |
| 2        | Screen      | 316SS              | 1   |
| 3        | Gasket      | PTFE               | 1   |
| 4        | Bonnet      | ASTM A351 Gr. CF8M | 1   |
| 5        | O-ring      | Viton®             | 1   |
| 6        | Plug        | ASTM A351 Gr. CF8M | 1   |