

FIGURE 559B Y-STRAINER



400 WOG CAST IRON Y-STRAINER

FEATURES

- 400 PSI CWP non-shock (400 PSI @ 100°F)
- 250 PSI WSP (250 PSI @ 450°F)
- Threaded NPT ends*
- Stainless steel screen:
 - 20 mesh: 1/4"–2"
 - 1/16" holes perforated: 2"–1/2"
- Blow-off plug included

*2-1/2" strainer has bolted end bonnet



PRODUCT SPECIFICATIONS

Standards

- NPT ends: ANSI/ASME B1.20.1
- Shell (Hydro) test pressure: 600 PSI
- Markings per MSS SP-25

CV & WEIGHT

| Size | Cv | Wt. (lbs.) |
|-------|-------|------------|
| 1/2 | 9.5 | 1.6 |
| 3/4 | 18.7 | 2.4 |
| 1 | 30.0 | 4.0 |
| 1-1/4 | 44.9 | 6.6 |
| 1-1/2 | 61.0 | 8.1 |
| 2 | 98.0 | 13.0 |
| 2-1/2 | 129.7 | 24.0 |

FIGURE NUMBER MATRIX

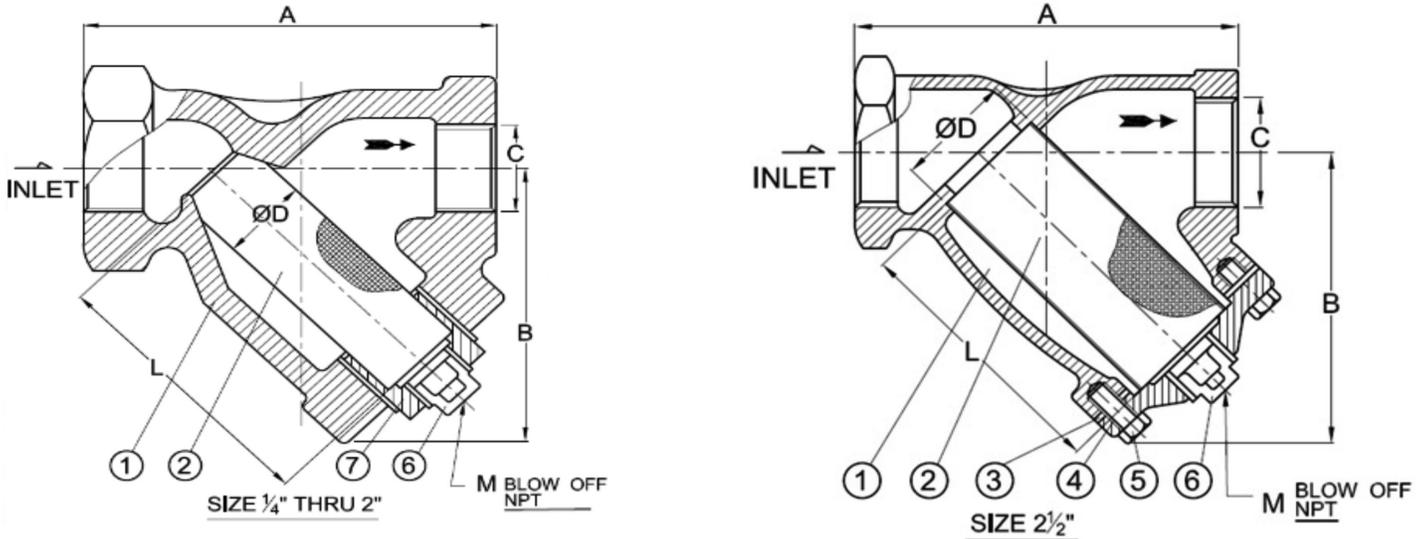
| FNW | 559B | Size Code | Replacement Screens |
|-----|------|-----------|---------------------|
| | | 1/2 = D | 1-1/2 = J |
| | | 3/4 = F | 2 = K |
| | | 1 = G | 2-1/2 = L |
| | | 1-1/4 = H | |
| | | | 1/2 = FNW559SD |
| | | | 3/4 = FNW559SF |
| | | | 1 = FNW559SG |
| | | | 1-1/4 = FNW559SH |
| | | | 1-1/2 = FNW559SJ |
| | | | 2 = FNW559SK |
| | | | 2-1/2 = FNW559SL |

FIGURE 559B Y-STRAINER



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PARTS BREAKDOWN



STANDARD MATERIALS

| Ref # | Description | Material | Specification | Qty | Notes |
|-------|----------------|-----------------------------|---------------|-------|------------|
| 1 | Body | Cast Iron | ASTM A126-B | 1 | |
| 2 | Screen | Stainless Steel, SUS-304 | SUS 304 | 1 | |
| 3 | Gasket | Non-Asbestos | | 1 | 2-1/2 only |
| 4 | Cover | Cast Iron, ASTM A126-B | ASTM A126-B | 1 | 2-1/2 only |
| 5 | Hex. Head Bolt | Steel, ASTM A307-A | ASTM A307-A | 1 Set | 2-1/2 only |
| 6 | Plug | Malleable Iron, ASTM A197-B | ASTM A197-B | 1 | |
| 7 | Cap | Ductile Iron, ASTM A536 | ASTM A536 | 1 | |

DIMENSIONS (INCHES)

| Size | A | B | C (NPT) | ØD | L | M (NPT) |
|-------|-----|------|---------|------|------|---------|
| 1/2 | 3.4 | 2.4 | 1/2 | 0.70 | 2.41 | 3/8 |
| 3/4 | 4.0 | 2.8 | 3/4 | 0.91 | 2.59 | 1/2 |
| 1 | 4.6 | 3.3 | 1 | 1.19 | 3.34 | 1/2 |
| 1-1/4 | 5.4 | 3.9 | 1-1/4 | 1.45 | 3.94 | 3/4 |
| 1-1/2 | 6.1 | 4.6 | 1-1/2 | 1.78 | 4.53 | 3/4 |
| 2 | 7.5 | 5.3 | 2 | 2.36 | 5.28 | 1 |
| 2-1/2 | 9.0 | 7.19 | 2-1/2 | 2.70 | 6.50 | 1-1/4 |