

FEATURES

- Investment Cast Body Construction
- Y-Type Design
- Screwed Bonnet
- Standard in 1mm Perforated Screen for all sizes, other sizes Perforated Screens and Woven Mesh Screens are available upon request
- Screwed Bonnet
- For General Chemical and Industrial application

SPECIFICATIONS

- Size Range 1/4" ~ 3" (DN8 ~ DN80)
- End Connection Threaded / Socket Weld Ends
- Working Pressure 800PSI (CWP) for 1/4" ~ 3"
- Temperature Range -4 to 320 °F (-20 to 160 °C) for PTFE.

STANDARDS

- Design EN 12516-1/3
- Threaded End NPT/ BS 21 (BSP) / BSPT / ISO 228-1 / DIN 2999 / ISO 7-1Rp
- Socket Weld End ASME/ANSI B16.11
- Face to Face MFG Standard
- Material ASTM
- Pressure Testing API 598

CERTIFICATE

- Quality Assurance ISO 9001
- Material Certificate EN 10204-3.1 MTR
- CE Approval PED 97/23/EC Module H
- Canadian Certificate CRN

MATERIAL LIST

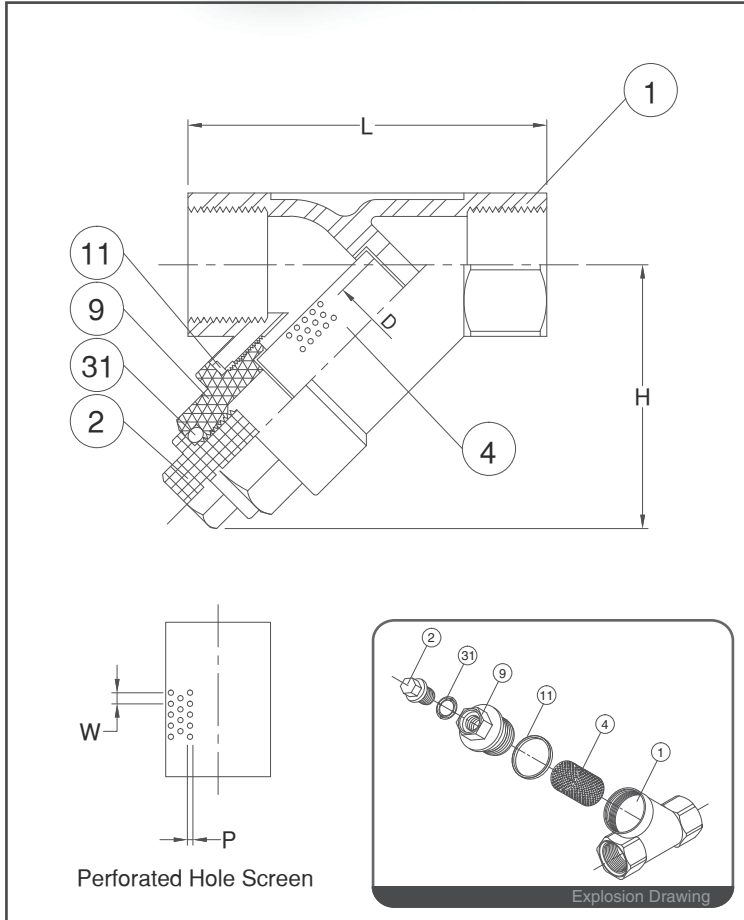
| NO. | PART NAME | MATERIAL (more options available) |
|-----|-----------|--|
| 1 | BODY | ASTM A351 Gr.CF8M |
| 2 | PLUG | ASTM A351 Gr.CF8M |
| 4 | SCREEN | SS316 |
| 9 | BONNET | ASTM A351 Gr.CF8M |
| 11 | GASKET | TEFLON |
| 31 | O-RING | VITON® |

DIMENSION unit : mm

| SIZE | | L | H | D | W | P |
|------|------|------|------|------|-----|-----|
| DN8 | 1/4" | 65.0 | 51.0 | 10.0 | 2.0 | 1.0 |
| DN10 | 3/8" | 65.0 | 51.0 | 12.0 | 2.0 | 1.0 |
| DN15 | 1/2" | 65.0 | 51.0 | 15.0 | 2.0 | 1.0 |
| DN20 | 3/4" | 80.0 | 60.0 | 20.0 | 2.0 | 1.0 |
| DN25 | 1" | 90.0 | 72.0 | 25.0 | 2.0 | 1.0 |

DIMENSION unit : inch

| SIZE | | L | H | D | W | P |
|------|------|------|------|------|------|------|
| DN8 | 1/4" | 2.55 | 2.00 | 0.39 | 0.07 | 0.03 |
| DN10 | 3/8" | 2.55 | 2.00 | 0.47 | 0.07 | 0.03 |
| DN15 | 1/2" | 2.55 | 2.00 | 0.59 | 0.07 | 0.03 |
| DN20 | 3/4" | 3.14 | 2.36 | 0.78 | 0.07 | 0.03 |
| DN25 | 1" | 3.54 | 2.83 | 0.98 | 0.07 | 0.03 |



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DIMENSION

unit : mm

| SIZE | L | H | D | W | P | |
|------|--------|-------|-------|------|-----|-----|
| DN32 | 1-1/4" | 105.0 | 77.0 | 32.0 | 2.0 | 1.0 |
| DN40 | 1-1/2" | 120.0 | 87.0 | 40.0 | 2.0 | 1.0 |
| DN50 | 2" | 140.0 | 103.0 | 50.0 | 2.0 | 1.0 |
| DN65 | 2-1/2" | 180.0 | 124.0 | 65.0 | 2.0 | 1.0 |
| DN80 | 3" | 200.0 | 143.0 | 80.0 | 2.0 | 1.0 |

DIMENSION

unit : inch

| SIZE | L | H | D | W | P | |
|------|--------|------|------|------|------|------|
| DN32 | 1-1/4" | 4.13 | 3.03 | 1.25 | 0.07 | 0.03 |
| DN40 | 1-1/2" | 4.72 | 3.42 | 1.57 | 0.07 | 0.03 |
| DN50 | 2" | 5.51 | 4.05 | 1.96 | 0.07 | 0.03 |
| DN65 | 2-1/2" | 7.08 | 4.88 | 2.55 | 0.07 | 0.03 |
| DN80 | 3" | 7.87 | 5.62 | 3.14 | 0.07 | 0.03 |