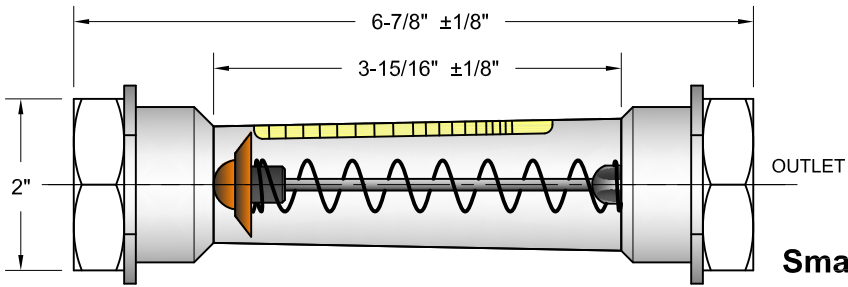
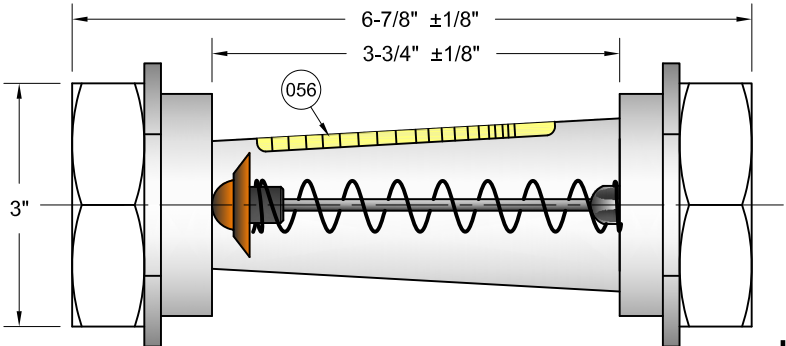
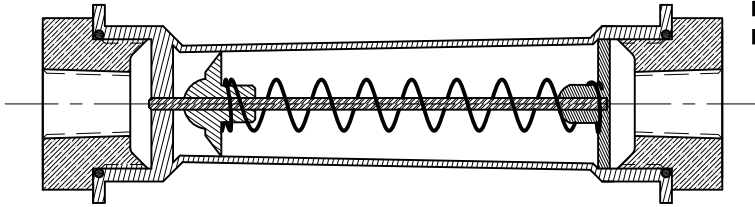


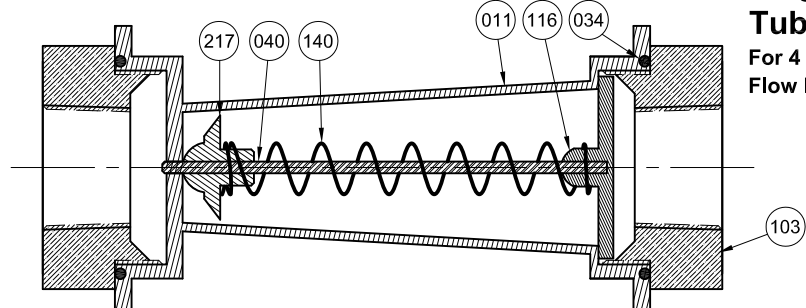
| REVISIONS | | | |
|-----------|--------------|------|---------|
| Rev. | Modification | Date | Done By |
| | | | |



Small Tube (S)
For 0.4 - 15 GPM Flow Rates



Large Tube (L)
For 4 - 50 GPM Flow Rates



| BILL OF MATERIALS | | | | |
|----------------------------------|--------------|----------------|-------------|---------------|
| *Optional, Non-Standard Material | | | | |
| No. | Name of Part | Qty. | Material | |
| Wetted | 103 | End Fittings | 2 | PVDF (Kynar®) |
| | 011 | Body/Housing | 1 | 316SS |
| | | | | Polysulfone |
| | 034 | O-Rings | 2 | Kalrez® |
| | 040 | Shaft | 1 | *Viton® |
| | | | | 316SS |
| | 116 | Shaft Retainer | 1 | Polysulfone |
| 140 | Spring | 1 | 316SS | |
| 217 | Piston | 1 | Polysulfone | |

| AVAILABLE FLOW RANGES | | | |
|-----------------------|-----------|---------|----------|
| FNPT Size | Tube Size | Water | |
| | | GPM | LPM |
| 1/2 | S | 0.5 - 5 | 4 - 20 |
| | S | 1 - 10 | 6 - 38 |
| | S | 2 - 15 | 5 - 55 |
| 3/4 | S | 0.5 - 5 | 4 - 20 |
| | S | 1 - 10 | 6 - 38 |
| | S | 2 - 15 | 5 - 55 |
| | L | 4 - 20 | 15 - 75 |
| | L | 5 - 30 | 10 - 110 |
| | L | 5 - 40 | 15 - 150 |
| 1 | L | 5 - 50 | 20 - 200 |
| | S | 0.5 - 5 | 4 - 20 |
| | S | 1 - 10 | 6 - 38 |
| | S | 2 - 15 | 5 - 55 |
| | L | 4 - 20 | 15 - 75 |
| | L | 5 - 30 | 10 - 110 |
| 1-1/2 | L | 5 - 40 | 15 - 150 |
| | L | 5 - 50 | 20 - 200 |
| | L | 4 - 20 | 15 - 75 |
| | L | 5 - 30 | 10 - 110 |

| RATINGS | | | | | | |
|---------|----|------------------|------|---------------------------|------------------------|---------------|
| Temp. | | Pressure (Water) | | Pressure Drop | Accuracy | Steam Service |
| °F | °C | PSIG | kPa | 4 PSIG of Full Scale Flow | ±5% of Full Scale Flow | NR |
| 150 | 66 | 150 | 1034 | | | |

KEY NOTES:

1. CANNOT be Over Tightened

M11 Series Configuration Choices:

Reference the Series M11 Model Number Matrix on our Website or Inquire with our Sales Team

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 Viton® is a Registered Trademark of the Chemours Company
 Kynar® is a Registered Trademark of Arkema S.A.

| | | | | |
|--------------------------|------------------|--|--|--|
| JOHN C ERNST LLC. | | www.johnernst.com 21 Gail Ct. Sparta, N.J. USA | | |
| | | | | Series M11 Shuttle Type Flow Meter with PVDF Connections |
| Sheet: 1 of 1 | Dwn By: WAS | Tolerances, unless otherwise noted Dec.: ± Frac.: ± Ang.: ± | | Size: A |
| Scale: NTS | Approved By: JCW | Date: 21-MAR-18 | | Dwg. No.: SC2.00M11.01.0.0 |
| Dim.: Var. | Date: 21-MAR-18 | Dwg. No.: SC2.00M11.01.0.0 | | Rev.: -- |