The Series DTFF Fixed-Orifice Flowmeter for Low Flow Rates measures water, oil, or air flow rates with great accuracy at a competitive price. Rugged stainless steel construction ensures great compatibility and is an excellent choice for high line pressure applications, with a maximum pressure of 3000 psig (200 bar). This is all without sacrificing the sensitivity required for low flow measurements. Available in a wide range of flow rates for each calibration, with stainless steel construction as standard. Comes pre-calibrated for horizontal in-line mounting.

**SPECIFICATIONS**

- **Service:** Compatible gases & liquids & oils.
- **Wetted Materials:**
  - Body: 316 SS.
  - Spring: 302 SS.
  - Range spring: 302 SS.
  - Magnet: PTFE-coated.
  - Metering cone: Acetal.
  - Diaphragm: Fluoroelastomer.
- **Pressure Limit:** 3000 psig (200 bar).
- **Accuracy:** ±2% FS; Air calibration: ±5% FS.
- **Repeatability:** ±1% FS.
- **Size:** Diameter dial face 2.5" (63.5 mm).
- **Process Connections:** 1/4" female NPT.
- **Weight:** 4 lb (1.81 kg).

### Models

- **DTFF-1S-4W**
  - Range: 0 to 4 GPH
  - Price: $760.00
- **DTFF-1S-5W**
  - Range: 0 to 5 GPH
  - Price: $760.00
- **DTFF-1S-6W**
  - Range: 0 to 6 GPH
  - Price: $760.00
- **DTFF-1S-8W**
  - Range: 0 to 8 GPH
  - Price: $760.00
- **DTFF-1S-10W**
  - Range: 0 to 10 GPH
  - Price: $760.00
- **DTFF-1S-15W**
  - Range: 0 to 15 GPH
  - Price: $760.00
- **DTFF-1S-20W**
  - Range: 0 to 20 GPH
  - Price: $760.00

### Specifications

- **Temperature Limits:** -22 to 200°F (30 to 93°C).
- **Pressure Limit:** 3000 psig (200 bar).
- **Accuracy:** Liquid/oil calibration: ±2% FS; Air calibration: ±5% FS.
- **Repeatability:** ±1% FS.
- **Size:** Diameter dial face 2.5" (63.5 mm).
- **Process Connections:** 1/4" female NPT.
- **Weight:** 4 lb (1.81 kg).

The Series DTFO Variable-Area Flowmeter for Liquids measures oil rates with 2% of full-scale accuracy at an affordable price. Durable metal construction ensures great reliability and the strength to withstand system pressures of up to 3000 psig (200 bar). Available in 1/4", 1/2" and 1" connections for a wide variety of applications. Comes calibrated for horizontal in line mounting.

**SPECIFICATIONS**

- **Service:** Compatible oils.
- **Wetted Materials:**
  - Body: 316 SS or brass;
  - Spring: 302 SS;
  - Range spring: 302 SS;
  - Magnet: PTFE-coated;
  - Metering cone: Acetal or PTFE;
  - Seals: Buna.
- **Temperature Limits:** -40 to 93°C.
- **Pressure Limit:** DTFO-1B and DTFO-2B: 3000 psig (200 bar), DTFO-3S: 1500 psig (100 bar).
- **Accuracy:** ±2% FS.
- **Repeatability:** ±1% FS.
- **Size:** Diameter dial face 2.5" (63.5 mm).
- **Process Connections:** See model chart.
- **Weight:**
  - DTFO-1B: 3 lb (1.36 kg);
  - DTFO-2B: 5 lb (2.27 kg);
  - DTFO-3S: 10 lb (4.54 kg).

### Models

<table>
<thead>
<tr>
<th>Model</th>
<th>Range, GPM Oil</th>
<th>Connection</th>
<th>Body</th>
<th>Metering Cone</th>
<th>Price</th>
<th>Model</th>
<th>Range, GPM Oil</th>
<th>Connection</th>
<th>Body</th>
<th>Metering Cone</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DTFO-1B-10</td>
<td>0 to 10</td>
<td>1/2 NPT</td>
<td>Brass</td>
<td>Acetal</td>
<td>$339.00</td>
<td>DTFO-2B-10</td>
<td>0 to 10</td>
<td>1/2 NPT</td>
<td>Brass</td>
<td>Acetal</td>
<td>$425.00</td>
</tr>
<tr>
<td>DTFO-1B-20</td>
<td>0 to 20</td>
<td>1/2 NPT</td>
<td>Brass</td>
<td>Acetal</td>
<td>$339.00</td>
<td>DTFO-2B-20</td>
<td>0 to 20</td>
<td>1/2 NPT</td>
<td>Brass</td>
<td>Acetal</td>
<td>$425.00</td>
</tr>
<tr>
<td>DTFO-1B-30</td>
<td>0 to 30</td>
<td>1/2 NPT</td>
<td>Brass</td>
<td>Acetal</td>
<td>$339.00</td>
<td>DTFO-2B-30</td>
<td>0 to 30</td>
<td>1/2 NPT</td>
<td>Brass</td>
<td>Acetal</td>
<td>$425.00</td>
</tr>
<tr>
<td>DTFO-1B-40</td>
<td>0 to 40</td>
<td>1/2 NPT</td>
<td>Brass</td>
<td>Acetal</td>
<td>$339.00</td>
<td>DTFO-2B-40</td>
<td>0 to 40</td>
<td>1/2 NPT</td>
<td>Brass</td>
<td>Acetal</td>
<td>$425.00</td>
</tr>
<tr>
<td>DTFO-1B-50</td>
<td>0 to 50</td>
<td>1/2 NPT</td>
<td>Brass</td>
<td>Acetal</td>
<td>$339.00</td>
<td>DTFO-3S-10</td>
<td>0 to 10</td>
<td>1/2 NPT</td>
<td>SS</td>
<td>PTFE</td>
<td>1000.00</td>
</tr>
<tr>
<td>DTFO-2B-10</td>
<td>0 to 10</td>
<td>1/2 NPT</td>
<td>Brass</td>
<td>Acetal</td>
<td>$425.00</td>
<td>DTFO-3S-15</td>
<td>0 to 15</td>
<td>1/2 NPT</td>
<td>SS</td>
<td>PTFE</td>
<td>1000.00</td>
</tr>
<tr>
<td>DTFO-2B-20</td>
<td>0 to 20</td>
<td>1/2 NPT</td>
<td>Brass</td>
<td>Acetal</td>
<td>$425.00</td>
<td>DTFO-3S-20</td>
<td>0 to 20</td>
<td>1/2 NPT</td>
<td>SS</td>
<td>PTFE</td>
<td>1000.00</td>
</tr>
<tr>
<td>DTFO-2B-30</td>
<td>0 to 30</td>
<td>1/2 NPT</td>
<td>Brass</td>
<td>Acetal</td>
<td>$425.00</td>
<td>DTFO-3S-25</td>
<td>0 to 25</td>
<td>1/2 NPT</td>
<td>SS</td>
<td>PTFE</td>
<td>1000.00</td>
</tr>
<tr>
<td>DTFO-2B-40</td>
<td>0 to 40</td>
<td>1/2 NPT</td>
<td>Brass</td>
<td>Acetal</td>
<td>$425.00</td>
<td>DTFO-3S-30</td>
<td>0 to 30</td>
<td>1/2 NPT</td>
<td>SS</td>
<td>PTFE</td>
<td>1000.00</td>
</tr>
</tbody>
</table>