Description
The measuring part TP is the basic foam concentrate proportioning unit in the Skum bladder tank foam proportioning system.
The TP shall be mounted between flanges in the fire water supply line, and is a maintenance-free construction with body in high quality bronze as standard.
The foam concentrate proportioning can easily be set to desired percentage, normally between 1 and 6 %, by adjusting the integrated foam concentrate regulating nozzle.

Principle flow diagram
TP PROPORTIONER

Dimensions

TP-100/50
TP-150/50
TP-200/80
TP-250/80

Max. working pressure 16 bar/235 psi
Materials: Bronze, stainless steel

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Connection mm/inch</th>
<th>Capacity l/min</th>
<th>USGPM</th>
<th>Max.* l/min</th>
<th>USGPM</th>
<th>Weight kg</th>
<th>lbs</th>
<th>Proportioner k-factor</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>D</td>
<td>E</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TP-100/50</td>
<td>50/2&quot;</td>
<td>100/4&quot;</td>
<td>770</td>
<td>203</td>
<td>4900</td>
<td>20</td>
<td>44</td>
<td>4040</td>
</tr>
<tr>
<td>TP-150/50</td>
<td>50/2&quot;</td>
<td>150/6&quot;</td>
<td>1500</td>
<td>396</td>
<td>9800</td>
<td>25</td>
<td>55</td>
<td>7970</td>
</tr>
<tr>
<td>TP-200/80</td>
<td>80/3&quot;</td>
<td>200/8&quot;</td>
<td>2875</td>
<td>760</td>
<td>21100</td>
<td>43</td>
<td>95</td>
<td>17255</td>
</tr>
<tr>
<td>TP-250/80</td>
<td>80/3&quot;</td>
<td>250/10&quot;</td>
<td>5100</td>
<td>1345</td>
<td>33100</td>
<td>51</td>
<td>113</td>
<td>27060</td>
</tr>
</tbody>
</table>

1 bar = 0,1 MPa = 14,5 psi

Performance data

* At proportioner system pressure drop 1,5 bar

Max. working pressure 16 bar/235 psi
Materials: Bronze, stainless steel

Q lit./min. = k-factor
\[
\frac{1}{\sqrt{P \text{ bar}}} = k\text{-factor}
\]