**Multi 25 Surface vertical**

**Centrifugal multistage pump for water supply**

**Applications**
Pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Silent.

**Materials**
Pump body and impellers in AISI 304.
Pump shaft in AISI 420.
Diffusers in technopolymer.
Suction and discharge in cast iron.
Mechanical seal in aluminium-graphite.
Motor casing in aluminium.
O-rings in NBR/EPDM.

**Equipment**
No cable.
Oval counter flanges DIN 2558 and gaskets included.

**Motor**
Asynchronous 2 poles.
IPX5 protection.
Class F insulation.
Single phase motor with built-in thermal protection.
Continuous operation.

**Limitations**
Maximum water temperature: 40° C.

---

**Hydraulic performance table**

<table>
<thead>
<tr>
<th>Model</th>
<th>Model</th>
<th>I [A]</th>
<th>P1 [kW]</th>
<th>P2 [µF]</th>
<th>I/min</th>
<th>10</th>
<th>20</th>
<th>40</th>
<th>60</th>
<th>80</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1~115V</td>
<td>1~220V</td>
<td>3~220V</td>
<td>3~440V</td>
<td>1~</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Multi 25 3</td>
<td>12.5</td>
<td>7.1</td>
<td>4.1</td>
<td>2.4</td>
<td>1.5</td>
<td>1.4</td>
<td>0.9</td>
<td>1.2</td>
<td>30/16</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Multi 25 4</td>
<td>-</td>
<td>8.6</td>
<td>5.2</td>
<td>3</td>
<td>1.9</td>
<td>1.8</td>
<td>1.1</td>
<td>1.5</td>
<td>/25</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Performance curve at 3450 rpm**

---

**Dimension and weight**

<table>
<thead>
<tr>
<th>Model</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>J</th>
<th>K</th>
<th>L</th>
<th>Kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multi 25 3</td>
<td>398</td>
<td>194</td>
<td>170</td>
<td>42</td>
<td>182</td>
<td>191</td>
<td>1/2</td>
<td>1</td>
<td>125</td>
<td>197</td>
<td>193</td>
<td>125</td>
<td>16.2</td>
</tr>
<tr>
<td>Multi 25 4</td>
<td>422</td>
<td>205</td>
<td>170</td>
<td>42</td>
<td>182</td>
<td>191</td>
<td>1/2</td>
<td>1</td>
<td>125</td>
<td>197</td>
<td>193</td>
<td>125</td>
<td>17.3</td>
</tr>
</tbody>
</table>
## Multi 35N Surface vertical

### Centrifugal multistage pump for water supply

#### Applications
- Pumping of clean water for domestic, industrial, agricultural and gardening purposes.
- Silent.

#### Materials
- Pump body and impellers in AISI 304.
- Pump shaft in AISI 420.
- Diffusers in technopolymer.
- Suction and discharge in cast iron.
- Mechanical seal in aluminium-graphite.
- Motor casing in aluminium.
- O-rings in NBR/EPDM.

#### Equipment
- No cable.
- Oval counter flanges DIN 2558 and gaskets included.

#### Motor
- Asynchronous 2 poles.
- IPX5 protection.
- Class F insulation.
- Single phase motor with built-in thermal protection.
- Continuous operation.

#### Limitations
- Maximum water temperature: 40°C.

### Hydraulic performance table

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2N</td>
<td>8,3</td>
<td>5,2</td>
<td>2,9</td>
<td>1-220V</td>
</tr>
<tr>
<td>3N</td>
<td>13,5</td>
<td>7,3</td>
<td>4,2</td>
<td>1-220V</td>
</tr>
<tr>
<td>4N</td>
<td>-8</td>
<td>9,5</td>
<td>-</td>
<td>1-220V</td>
</tr>
<tr>
<td>5N</td>
<td>-17</td>
<td>7,5</td>
<td>-</td>
<td>1-220V</td>
</tr>
<tr>
<td>6N</td>
<td>-14,7</td>
<td>8,5</td>
<td>-</td>
<td>1-220V</td>
</tr>
</tbody>
</table>

### Performance curve at 3450 rpm

#### Dimension and weight

<table>
<thead>
<tr>
<th>Model</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>Kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>2N</td>
<td>463</td>
<td>177</td>
<td>184</td>
<td>203</td>
<td>37</td>
<td>133</td>
<td>201</td>
<td>11/4</td>
<td>11/4</td>
<td>21,6</td>
</tr>
<tr>
<td>3N</td>
<td>487</td>
<td>202</td>
<td>184</td>
<td>203</td>
<td>37</td>
<td>133</td>
<td>201</td>
<td>11/4</td>
<td>11/4</td>
<td>24,5</td>
</tr>
<tr>
<td>4N</td>
<td>561</td>
<td>226</td>
<td>184</td>
<td>203</td>
<td>37</td>
<td>133</td>
<td>201</td>
<td>11/4</td>
<td>11/4</td>
<td>31</td>
</tr>
<tr>
<td>5N</td>
<td>585</td>
<td>251</td>
<td>184</td>
<td>203</td>
<td>37</td>
<td>133</td>
<td>201</td>
<td>11/4</td>
<td>11/4</td>
<td>36,4</td>
</tr>
<tr>
<td>6N</td>
<td>610</td>
<td>275</td>
<td>184</td>
<td>203</td>
<td>37</td>
<td>133</td>
<td>201</td>
<td>11/4</td>
<td>11/4</td>
<td>36,8</td>
</tr>
</tbody>
</table>

---

Multi 35 2N, 3N, 4N, 5N, 6N
Multi 45N Surface vertical

Centrifugal multistage pump for water supply

Applications
Pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Silent.

Materials
Pump body and impellers in AISI 304.
Pump shaft in AISI 420.
Diffusers in technopolymer.
Suction and discharge in cast iron.
Mechanical seal in aluminium-graphite.
Motor casing in aluminium.
O-rings in NBR/EPDM.

Equipment
No cable.
Oval counter flanges DIN 2558 and gaskets included.

Motor
Asynchronous 2 poles.
IPX5 protection.
Class F insulation.
Single phase motor with built-in thermal protection.
Continuous operation.

Limitations
Maximum water temperature: 40° C.

Hydraulic performance table

<table>
<thead>
<tr>
<th>Model</th>
<th>I1 [A]</th>
<th>P1 [kW]</th>
<th>P2 [µF]</th>
<th>U/min</th>
<th>60</th>
<th>120</th>
<th>160</th>
<th>200</th>
<th>260</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multi 45 2N</td>
<td>9,2</td>
<td>6,9</td>
<td>3,4</td>
<td>2</td>
<td>1,9</td>
<td>3,5</td>
<td>2</td>
<td>25</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Multi 45 3N</td>
<td>-</td>
<td>8,3</td>
<td>4,8</td>
<td>-</td>
<td>2,8</td>
<td>2,2</td>
<td>2</td>
<td>-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Multi 45 4N</td>
<td>-</td>
<td>11,2</td>
<td>6,5</td>
<td>-</td>
<td>3,9</td>
<td>3</td>
<td>4</td>
<td>-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Multi 45 5N</td>
<td>-</td>
<td>15,4</td>
<td>8,9</td>
<td>-</td>
<td>5</td>
<td>4</td>
<td>5,5</td>
<td>-</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Performance curve at 3450 rpm

Dimension and weight

<table>
<thead>
<tr>
<th>Model</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>Kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multi 45 2MN</td>
<td>506</td>
<td>190</td>
<td>184</td>
<td>203</td>
<td>37</td>
<td>133</td>
<td>201</td>
<td>1½&quot;</td>
<td>1½&quot;</td>
<td>23,5</td>
</tr>
<tr>
<td>Multi 45 2N</td>
<td>476</td>
<td>190</td>
<td>184</td>
<td>203</td>
<td>37</td>
<td>133</td>
<td>201</td>
<td>1½&quot;</td>
<td>1½&quot;</td>
<td>23,4</td>
</tr>
<tr>
<td>Multi 45 3N</td>
<td>537</td>
<td>221</td>
<td>184</td>
<td>203</td>
<td>37</td>
<td>133</td>
<td>201</td>
<td>1½&quot;</td>
<td>1½&quot;</td>
<td>25,8</td>
</tr>
<tr>
<td>Multi 45 4N</td>
<td>585</td>
<td>250</td>
<td>184</td>
<td>203</td>
<td>37</td>
<td>133</td>
<td>201</td>
<td>1½&quot;</td>
<td>1½&quot;</td>
<td>31,2</td>
</tr>
<tr>
<td>Multi 45 5N</td>
<td>616</td>
<td>281</td>
<td>184</td>
<td>203</td>
<td>37</td>
<td>133</td>
<td>201</td>
<td>1½&quot;</td>
<td>1½&quot;</td>
<td>36,7</td>
</tr>
</tbody>
</table>