Prisma 15  Surface horizontal

Centrifugal multistage pump for water supply

Applications
Pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Silent.
Self-priming up to 2m.

Materials
Pump body and impellers in AISI 304.
Pump shaft in AISI 431.
Diffusers in technopolymer.
Suction and discharge in cast iron with cataphoresis coating.
Mechanical seal in aluminium-graphite.
Motor casing in aluminium.
O-rings in NBR/EPDM.

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.

Equipment
No cable.

Hydraulic performance table

<table>
<thead>
<tr>
<th>Model</th>
<th>115V</th>
<th>220V</th>
<th>115V</th>
<th>220V</th>
<th>380V</th>
<th>1~</th>
<th>3~</th>
<th>µF</th>
<th>m³/h</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prisma 15 1</td>
<td>4.4</td>
<td>2</td>
<td>1.3</td>
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<td>0.4</td>
<td>0.24</td>
<td>0.33</td>
<td>30/12</td>
<td>15</td>
<td>99032</td>
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<tr>
<td>Prisma 15 2</td>
<td>5.8</td>
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<td>-</td>
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<td>0.37</td>
<td>0.5</td>
<td>30/12</td>
<td>31</td>
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<td>4.7</td>
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<td>0.55</td>
<td>0.75</td>
<td>30/12</td>
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<td>99041</td>
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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>Kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prisma 15 1</td>
<td>139</td>
<td>189</td>
<td>202</td>
<td>110</td>
<td>74</td>
<td>162</td>
<td>121</td>
<td>102</td>
<td>1&quot;</td>
<td>1&quot;</td>
<td>8,3</td>
</tr>
<tr>
<td>Prisma 15 2</td>
<td>163</td>
<td>213</td>
<td>202</td>
<td>110</td>
<td>74</td>
<td>162</td>
<td>121</td>
<td>102</td>
<td>1&quot;</td>
<td>1&quot;</td>
<td>9,2</td>
</tr>
<tr>
<td>Prisma 15 3</td>
<td>187</td>
<td>237</td>
<td>202</td>
<td>110</td>
<td>74</td>
<td>162</td>
<td>121</td>
<td>102</td>
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<td>1&quot;</td>
<td>10</td>
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</table>
Prisma 25  Surface horizontal

Centrifugal multistage pump for water supply

**Applications**
Pumping of clean water for domestic, industrial, agricultural and gardening purposes.  
Silent.  
Self-priming up to 2m.

**Materials**
Pump body and impellers in AISI 304.  
Pump shaft in AISI 431.  
Diffusers in technopolymer.  
Suction and discharge in cast iron with cathodes coating.  
Mechanical seal in aluminium-graphite.  
Motor casing in aluminium.  
O-rings in NBR/EPDM.

**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.

**Equipment**
No cable.

---

### Hydraulic performance table

<table>
<thead>
<tr>
<th>Model</th>
<th>P1 [kW]</th>
<th>P2 [µF]</th>
<th>I/min</th>
<th>20</th>
<th>60</th>
<th>80</th>
<th>100</th>
<th>120</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prisma 25 2</td>
<td>11,5</td>
<td>6</td>
<td>3,6</td>
<td>2</td>
<td>1,2</td>
<td>1,1</td>
<td>0,75</td>
<td>1</td>
<td>30/16</td>
</tr>
<tr>
<td>Prisma 25 3</td>
<td>16,5</td>
<td>8,3</td>
<td>6,9</td>
<td>2,8</td>
<td>1,8</td>
<td>1,7</td>
<td>1,1</td>
<td>1,5</td>
<td>60/25</td>
</tr>
<tr>
<td>Prisma 25 4</td>
<td>-</td>
<td>12</td>
<td>6,5</td>
<td>3,8</td>
<td>2,4</td>
<td>2,2</td>
<td>1,5</td>
<td>2</td>
<td>-</td>
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</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>Kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prisma 25 2</td>
<td>176</td>
<td>226</td>
<td>218</td>
<td>127</td>
<td>82</td>
<td>185</td>
<td>138</td>
<td>188</td>
<td>1&quot;</td>
<td>1&quot;</td>
<td>13,5</td>
</tr>
<tr>
<td>Prisma 25 3</td>
<td>202</td>
<td>235</td>
<td>266</td>
<td>142</td>
<td>-</td>
<td>212</td>
<td>154</td>
<td>138</td>
<td>1&quot;</td>
<td>1&quot;</td>
<td>17,2</td>
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<td>Prisma 25 4</td>
<td>229</td>
<td>252</td>
<td>286</td>
<td>142</td>
<td>-</td>
<td>212</td>
<td>154</td>
<td>138</td>
<td>1&quot;</td>
<td>1&quot;</td>
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</table>
Prisma 35N  
Surface horizontal

Centrifugal multistage pump for water supply

Applications
Pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Silent.
Self-priming up to 2m.

Materials
Pump body and impellers in AISI 304.
Pump shaft in AISI 431.
Diffusers in technopolymer.
Suction and discharge in cast iron with cathaphoresis coating.
Mechanical seal in aluminium-graphite.
Motor casing in aluminium.
O-rings in NBR/EPDM.

Equipment
No cable.

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>1 [A]</th>
<th>20</th>
<th>60</th>
<th>100</th>
<th>140</th>
<th>180</th>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>Prisma 35 1N</td>
<td>5.2</td>
<td>22</td>
<td>20</td>
<td>14</td>
<td>10</td>
<td>132277</td>
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</tr>
<tr>
<td>Prisma 35 2N</td>
<td>8.1</td>
<td>42</td>
<td>39</td>
<td>35</td>
<td>27</td>
<td>132279</td>
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</tr>
<tr>
<td>Prisma 35 3N</td>
<td>11.5</td>
<td>63</td>
<td>59</td>
<td>52</td>
<td>40</td>
<td>132281</td>
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</tr>
<tr>
<td>Prisma 35 4N</td>
<td>-</td>
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<td>70</td>
<td>60</td>
<td>46</td>
<td>132283</td>
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</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>Kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prisma 35 1N</td>
<td>176</td>
<td>114</td>
<td>147</td>
<td>147</td>
<td>282</td>
<td>158</td>
<td>125</td>
<td>90</td>
<td>60</td>
<td>12</td>
<td>18.1</td>
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</tr>
<tr>
<td>Prisma 35 2N</td>
<td>205</td>
<td>163</td>
<td>147</td>
<td>147</td>
<td>282</td>
<td>158</td>
<td>125</td>
<td>90</td>
<td>60</td>
<td>12</td>
<td>20.1</td>
<td></td>
</tr>
<tr>
<td>Prisma 35 3N</td>
<td>233</td>
<td>187</td>
<td>147</td>
<td>147</td>
<td>282</td>
<td>158</td>
<td>125</td>
<td>90</td>
<td>60</td>
<td>12</td>
<td>23.1</td>
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<tr>
<td>Prisma 35 4N</td>
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<td>212</td>
<td>147</td>
<td>147</td>
<td>282</td>
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<td>125</td>
<td>90</td>
<td>60</td>
<td>12</td>
<td>23.3</td>
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</tr>
</tbody>
</table>
Prisma 45N  
Surface horizontal

Centrifugal multistage pump for water supply

**Applications**
Pumping of clean water for domestic, industrial, agricultural and gardening purposes.
Silent.
Self-priming up to 2m.

**Materials**
Pump body and impellers in AISI 304.
Pump shaft in AISI 431.
Diffusers in technopolymer.
Suction and discharge in cast iron with cataphoresis coating.
Mechanical seal in aluminium-graphite.
Motor casing in aluminium.
O-rings in NBR/EPDM.

**Equipment**
No cable.

**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>1~ [A]</th>
<th>P1 [kW]</th>
<th>P2 [kW]</th>
<th>c [µF]</th>
<th>m³/h</th>
<th>50</th>
<th>100</th>
<th>150</th>
<th>250</th>
<th>300</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prisma 45 1N</td>
<td>5,6</td>
<td>3,5</td>
<td>1,9</td>
<td>1,8</td>
<td>1,7</td>
<td>1,1</td>
<td>1,5</td>
<td>25</td>
<td>-</td>
<td>-</td>
<td>133174</td>
</tr>
<tr>
<td>Prisma 45 2N</td>
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<td>6</td>
<td>3,5</td>
<td>2,2</td>
<td>2</td>
<td>1,5</td>
<td>2</td>
<td>30</td>
<td>-</td>
<td>-</td>
<td>133176</td>
</tr>
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<td>Prisma 45 3N</td>
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<td>5</td>
<td>2,9</td>
<td>2,2</td>
<td>3</td>
<td>-</td>
<td>53</td>
<td>50</td>
<td>45</td>
<td>133177</td>
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</table>

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**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>Kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prisma 45 1N</td>
<td>186</td>
<td>150</td>
<td>1&quot;</td>
<td>147</td>
<td>1&quot;</td>
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<td>125</td>
<td>90</td>
<td>70</td>
<td>18</td>
<td>22,2</td>
</tr>
<tr>
<td>Prisma 45 2N</td>
<td>217</td>
<td>181</td>
<td>1&quot;</td>
<td>147</td>
<td>1&quot;</td>
<td>298</td>
<td>161</td>
<td>125</td>
<td>90</td>
<td>70</td>
<td>18</td>
<td>23,3</td>
</tr>
<tr>
<td>Prisma 45 3N</td>
<td>247</td>
<td>212</td>
<td>1&quot;</td>
<td>147</td>
<td>1&quot;</td>
<td>298</td>
<td>161</td>
<td>125</td>
<td>90</td>
<td>70</td>
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<td>24,9</td>
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</table>