Nox 20 Swimming pool, whirlpool and spa

Centrifugal single stage pump for water recirculation and filtration

Applications
Water recirculation and filtration for small swimming pools.
Silent.

Materials
Pump body, impeller, diffuser, suction and discharge in technopolymer.
Pump shaft in AISI 431.
Mechanical seal in aluminium-graphite.
Motor casing in aluminium.
O-rings in NBR/EPDM.

Equipment
2m of cable with plug type F.
Hose connection of 32mm or 38mm.

Motor
Asynchronous 2 poles.
IPX5 protection.
Class F insulation.
Built-in thermal protection.
Continuous operation.

Limitations
Maximum water temperature: 40° C.

Hydraulic performance table

<table>
<thead>
<tr>
<th>Model</th>
<th>I [A]</th>
<th>P1 [kW]</th>
<th>P2 [µF]</th>
<th>Q [m³/h]</th>
<th>10</th>
<th>25</th>
<th>50</th>
<th>75</th>
<th>100</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nox 20</td>
<td>1</td>
<td>0.2</td>
<td>0.15</td>
<td>0.2</td>
<td>6</td>
<td>5.3</td>
<td>4.7</td>
<td>3.7</td>
<td>2.7</td>
<td>1.3</td>
</tr>
</tbody>
</table>

Performance curve at 2900 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>Nox 20</td>
<td>305</td>
<td>219</td>
<td>204</td>
<td>94</td>
<td>90</td>
<td>38</td>
<td>32</td>
<td>38</td>
<td>32</td>
<td>4.5</td>
</tr>
</tbody>
</table>
Nox 25 Swimming pool, whirlpool and spa

Centrifugal single stage pump for water recirculation and filtration

**Applications**
Water recirculation and filtration for small swimming pools.
Silent.

**Materials**
- Pump body, impeller, diffuser, suction and discharge in technopolymer.
- Pump shaft in AISI 431.
- Mechanical seal in aluminium-graphite.
- Motor casing in aluminium.
- O-rings in NBR/EPDM.

**Equipment**
- 2m of cable with plug type F.
- Hose connection of 40mm.

**Motor**
- Asynchronous 2 poles.
- IPX5 protection.
- Class F insulation.
- Built-in thermal protection.
- Continuous operation.

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

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**Hydraulic performance table**

<table>
<thead>
<tr>
<th>Model</th>
<th>I [A]</th>
<th>P1 [kW]</th>
<th>P2 [kW]</th>
<th>c [µF]</th>
<th>v/m³/h</th>
<th>10</th>
<th>25</th>
<th>50</th>
<th>75</th>
<th>100</th>
<th>125</th>
<th>150</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nox 25</td>
<td>1.5</td>
<td>0.3</td>
<td>0.18</td>
<td>0.25</td>
<td>6</td>
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<td>9.1</td>
<td>8</td>
<td>6.1</td>
<td>3.8</td>
<td>0.6</td>
<td>1~230V</td>
</tr>
</tbody>
</table>

**Performance curve at 2900 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>Kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nox 25</td>
<td>405</td>
<td>262</td>
<td>204</td>
<td>250</td>
<td>231</td>
<td>158</td>
<td>40</td>
<td>40</td>
<td>5.1</td>
</tr>
</tbody>
</table>
**Nox 33/50/100** Swimming pool, whirlpool and spa

**Centrifugal single stage pump for water recirculation and filtration**

**Applications**
- Water recirculation and filtration for small swimming pools.
- Silent.
- Self-priming up to 4m.

**Materials**
- Pump body, impeller, diffuser, suction and discharge in technopolymer.
- Pump shaft in AISI 431.
- Mechanical seal in aluminium-graphite.
- Motor casing in aluminium.
- O-rings in NBR/EPDM.

**Equipment**
- 2m of cable with plug type F.
- Unions included 50mm.

**Motor**
- Asynchronous 2 poles.
- IPX5 protection.
- Class F insulation.
- Built-in thermal protection.
- Continuous operation.

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

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### Hydraulic performance table

<table>
<thead>
<tr>
<th>Model</th>
<th>I [A]</th>
<th>P1 [kW]</th>
<th>P2 [µF]</th>
<th>l/min</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1–230V</td>
<td></td>
<td></td>
<td>m³/h</td>
<td></td>
</tr>
<tr>
<td>Nox 33</td>
<td>2</td>
<td>0,45</td>
<td>0,25</td>
<td>1,5</td>
<td>1–230V</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nox 50</td>
<td>2,8</td>
<td>0,65</td>
<td>0,37</td>
<td>3,0</td>
<td>1–230V</td>
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<tr>
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</tr>
<tr>
<td>Nox 100</td>
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<td>0,75</td>
<td>4,5</td>
<td>1–230V</td>
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### Performance curve at 2900 rpm

<table>
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<th>U.S. g.p.m.</th>
<th>H [m]</th>
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<tbody>
<tr>
<td>20</td>
<td>12</td>
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<tr>
<td>30</td>
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<td>40</td>
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<td>60</td>
<td>4</td>
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<tr>
<td>70</td>
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### 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>
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</thead>
<tbody>
<tr>
<td>Nox 33</td>
<td>439</td>
<td>192</td>
<td>115</td>
<td>304</td>
<td>210</td>
<td>2 1/4&quot;</td>
<td>211</td>
<td>2 1/4&quot;</td>
<td>264</td>
<td>Ø9</td>
<td>108</td>
<td>212</td>
<td>8,9</td>
</tr>
<tr>
<td>Nox 50</td>
<td>439</td>
<td>192</td>
<td>115</td>
<td>304</td>
<td>210</td>
<td>2 1/4&quot;</td>
<td>221</td>
<td>2 1/4&quot;</td>
<td>264</td>
<td>Ø9</td>
<td>108</td>
<td>212</td>
<td>10,2</td>
</tr>
<tr>
<td>Nox 100</td>
<td>439</td>
<td>192</td>
<td>115</td>
<td>304</td>
<td>210</td>
<td>2 1/4&quot;</td>
<td>221</td>
<td>2 1/4&quot;</td>
<td>264</td>
<td>Ø9</td>
<td>108</td>
<td>212</td>
<td>10,9</td>
</tr>
</tbody>
</table>
Hydraulic performance table

<table>
<thead>
<tr>
<th>Model</th>
<th>I [A]</th>
<th>P1 [kW]</th>
<th>P2</th>
<th>c [µF]</th>
<th>l/min</th>
<th>40</th>
<th>80</th>
<th>120</th>
<th>160</th>
<th>215</th>
<th>265</th>
<th>325</th>
<th>400</th>
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<tr>
<td></td>
<td>1~230V</td>
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</tr>
<tr>
<td>Nox 75 15</td>
<td>5,5</td>
<td>1,2</td>
<td>0,55</td>
<td>0,75</td>
<td>16</td>
<td>15,2</td>
<td>15</td>
<td>14,5</td>
<td>13,1</td>
<td>9,9</td>
<td>6</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Nox 100 18</td>
<td>6</td>
<td>1,4</td>
<td>0,75</td>
<td>1</td>
<td>16</td>
<td>16,9</td>
<td>16,5</td>
<td>16</td>
<td>15</td>
<td>12,9</td>
<td>10</td>
<td>5,9</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Nox 150 22</td>
<td>7,1</td>
<td>1,6</td>
<td>1,1</td>
<td>1,5</td>
<td>25</td>
<td>18,6</td>
<td>18,2</td>
<td>17,7</td>
<td>16,9</td>
<td>15,1</td>
<td>13</td>
<td>10</td>
<td>5,1</td>
<td>-</td>
</tr>
</tbody>
</table>

Performance curve at 2900 rpm

Dimension and weight

Applications
Water recirculation and filtration for medium swimming pools.
Silent.
Self-priming up to 4m.

Materials
Pump body, impeller, diffuser, suction and discharge in technopolymer.
Pump shaft in AISI 431.
Mechanical seal in aluminium-graphite.
Motor casing in aluminium.
O-rings in NBR/EPDM.

Equipment
2m of cable with plug type F.
Unions included 50mm.

Motor
Asynchronous 2 poles.
IPX5 protection.
Class F insulation.
Built-in thermal protection.
Continuous operation.

Limitations
Maximum water temperature: 40° C.
Neat Swimming pool, whirlpool and spa

Set for water recirculation and filtration

Applications
Water recirculation and filtration for small swimming pools.
Silent.
Self-priming up to 4m.

Materials
Pump:
Pump body, impeller, diffuser, suction and discharge in technopolymer.
Pump shaft in AISI 431.
Mechanical seal in aluminium-graphite.
Motor casing in aluminium.
O-rings in NBR/EPDM.
Filter:
Polyethylyene

Equipment
2m of cable with plug type F.
Fittings, base and valve.
Unions included

Motor
Asynchronous 2 poles.
IPX5 protection.
Class F insulation.
Built-in thermal protection.
Continuous operation.

Limitations
Maximum water temperature: 40° C

Hydraulic performance table

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Neat 300</td>
<td>1</td>
<td>0,2</td>
<td>0,15</td>
<td>0,2</td>
<td>6</td>
<td>38</td>
<td>3,7</td>
<td>300</td>
<td>1-230V</td>
</tr>
<tr>
<td>Neat 350</td>
<td>1,5</td>
<td>0,3</td>
<td>0,18</td>
<td>0,25</td>
<td>6</td>
<td>40</td>
<td>9,1</td>
<td>350</td>
<td>1-230V</td>
</tr>
<tr>
<td>Neat 450</td>
<td>2</td>
<td>0,45</td>
<td>0,25</td>
<td>0,33</td>
<td>12</td>
<td>50</td>
<td>9,7</td>
<td>450</td>
<td>1-230V</td>
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</tbody>
</table>

Performance curve at 2900 rpm

<table>
<thead>
<tr>
<th>Model</th>
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<th>B</th>
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<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neat 300</td>
<td>573</td>
<td>613</td>
<td>350</td>
<td>584</td>
<td>586</td>
<td>734</td>
<td>350</td>
</tr>
<tr>
<td>Neat 350</td>
<td>616</td>
<td>613</td>
<td>440</td>
<td>575</td>
<td>635</td>
<td>758</td>
<td>350</td>
</tr>
<tr>
<td>Neat 450</td>
<td>692</td>
<td>613</td>
<td>515</td>
<td>670</td>
<td>730</td>
<td>853</td>
<td>350</td>
</tr>
</tbody>
</table>

Dimension and weight

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<tr>
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<th>F</th>
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</tr>
<tr>
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<td>613</td>
<td>440</td>
<td>575</td>
<td>635</td>
<td>758</td>
<td>350</td>
<td>12</td>
</tr>
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<td>515</td>
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