Viginox MXO Drainage

Portable submersible pumps for drainage

Applications
Emptying of drains, residential sumps, rainwater tanks, etc.
Emergency emptying of flooded garages or basements.
Water transfer from tanks and cisterns.

Motor
Asynchronous single phase, two poles.
Built-in thermal protection and capacitor.
Cooling via circulation of pumped liquid.
Protection IP 68.
Isolation class F.

Limitations
Maximum immersion: 5 m.
Maximum liquid temperature: 40 °C.
Maximum passage of solids: Ø10 mm.

Materials
Outer casing: stainless steel AISI 304.
Impeller in technopolymer.
Diffuser, motor casing, pump base and upper cover in stainless steel AISI 304.
Pump shaft in stainless steel AISI 303.
Double sealed. Mechanical seal on the pump side in silicon carbide/alumina oxide. Lip seal on motor side in NBR.
O-rings: NBR.

Motor
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Equipment
Supplied with 5 m of electric cable H07RN-F and plug.
With float switch.
Viginox MXO M A: with float switch.

Hydraulic performance table

| Model   | I [A] | P1 [kW] | P2 [HP] | c | 0 | 25 | 50 | 75 | 100 | 125 | 150 | 175 |
|---------|-------|---------|---------|---|---|----|----|----|-----|-----|-----|-----|-----|
| Viginox MXO 30 | 2.2 | 0.5 | 0.33 | 8 | 8.0 | 7.2 | 6.2 | 5.2 | 4.0 | 2.6 | 1.0 | 00860004 |
| Viginox MXO 60 | 3.0 | 0.7 | 0.45 | 10 | 10.0 | 8.8 | 8.0 | 6.8 | 5.6 | 4.5 | 3.0 | 1.2 | 00860005 |

Performance curves at 2900 rpm

Dimensions and weights

<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>Kg</th>
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<tbody>
<tr>
<td>Viginox MXO 30</td>
<td>1 3/4&quot;</td>
<td>154</td>
<td>47</td>
<td>249</td>
<td>228</td>
<td>45</td>
<td>Ø132</td>
<td>5.5</td>
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<tr>
<td>Viginox MXO 60</td>
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*Service kits are available on request*