PRODUCT OVERVIEW

Flow range: Up to 6.7 US gpm; 25.3 lpm
Operational range: Up to 800 ft.; 240 m
Depending upon model

Applications
- Sinking-product recovery
- Chemical - refinery - coal tar
- Hydrocarbon remediation
- Landfill leachate
- Condensate sump
- Oilfield—Rhino MiniJack

Drive Motor
- Cleanly above/outside well or sump
- Pumps any fluid
- Simpler, less-frequent servicing
- Can run dry without damage
- Easy, snap-in seal replacement
- Explosion-proof option

Downhole Components
- Industry standard for durability
- Flexible unitary drive rod to 800+ feet
- Resists chemical attack
- No metal-to-metal wetted moving parts
- Any angle from vertical to horizontal
- Three model sizes

BROAD-DUTY RELIABILITY AT DEMANDING SITES

Six Power/Size Options
The dependable Blackhawk Anchor Electric Pump® is the preferred electric for applications requiring tight controls, extreme depth, explosion suppression and/or resistance to chemical attack including encrustation, biofouling and abrasion.

Anchor pumps fluid of any composition or viscosity down to intake, regardless of differential pressure.

Drive motor, controls and power connections are mounted above and outside the wellhead. The design eliminates the need for electricity or high-pressure air in the well or sump; a technologically advanced solution to problems with electric submersibles and airlift models.

Maintenance is simpler, cleaner, faster, safer and needed far less frequently. The virtually non-polluting pump operates without emitting greenhouse gases or exhaust air.

Anchor offers ½ HP and 1 HP motors and three downhole-pump model sizes. For sites above 150° F, ask about Blackhawk’s line of High-Temp pumps and products.

Built to withstand extreme environments, with explosion-proof option, Anchor pumps are in operation around the world.

Flow vs. Motor Hertz

<table>
<thead>
<tr>
<th>Motor Hertz</th>
<th>Flow – Gallons per Minute</th>
</tr>
</thead>
<tbody>
<tr>
<td>103</td>
<td>1.65 3.16 4.47 5.58 6.70</td>
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<tr>
<td>102</td>
<td>.73 1.4 1.98 2.47 3.00</td>
</tr>
<tr>
<td>101</td>
<td>.30 .58 .82 1.02 1.20</td>
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</tbody>
</table>
The best-performing environmental pump in the business

**Typical Installation**

- Electric driver
- Seal plate
- Discharge tee
- Flanged well head
- Conductivity probes
- Foot valve jacket
- Piston
- Foot valve cup
- Screen
- Driver rod
- Riser pipe
- Pressure gauge
- Shutoff valve
- Relief valve
- Check valve
- Flow meter
- Control panel

**Available Options**

- Programmable logic control
- Variable speed control
- Liquid-level conductivity probes
- Pressure transducers
- Rod oiler
- Pressure gauge
- Pressure-relief valve
- Flow meter

**FLOW vs. DEPTH**

<table>
<thead>
<tr>
<th>Flow - Gallons per Minute</th>
<th>72</th>
<th>157</th>
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<tbody>
<tr>
<td>Anchor 103 (1/2HP)</td>
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<td>Anchor 103 (1HP)</td>
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<td>165</td>
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<td>Anchor 102 (1/2HP)</td>
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<table>
<thead>
<tr>
<th>TDH Lift - Feet of Water</th>
<th>0</th>
<th>100</th>
<th>200</th>
<th>300</th>
<th>400</th>
<th>800</th>
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</tbody>
</table>

**Side slope application**

- Anchor pump with control panel
- Sump application