

Dayton Sewage Pumps

PUMPS technical data sheet



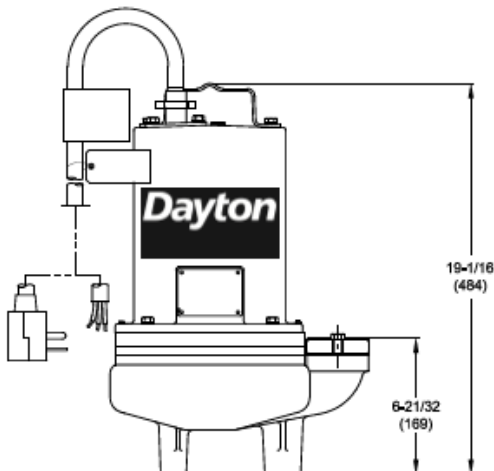
Submersible Sewage pumps are designed to remove sewage wastewater from a residential home or commercial office. These pumps are designed to pass the typical suspended solids associated with sewage wastewater. Sewage pumps typically operate intermittently and automatically with a float switch and can accommodate solids up to 2" in diameter.



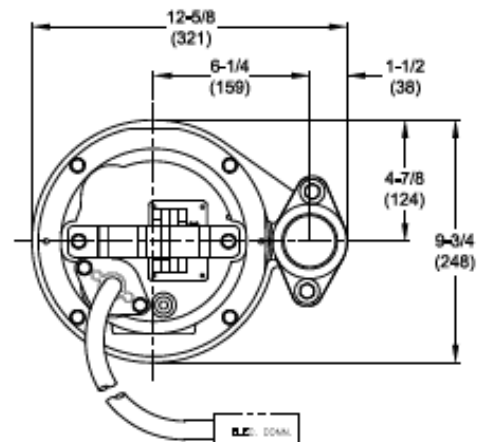
4HU87 1½ HP, Cast Iron Submersible Sewage Pump

| | |
|-------------------|--|
| HP | 1-1/2 |
| Voltage | 480V |
| Phase | 3 |
| Frequency | 60 Hz |
| Run Amps | 4.9A |
| Start Amps | 13.5A |
| RPM | 3450 |
| Motor Type | 3-phase Hermetically Sealed/Oil Filled |

| | |
|-----------------------------------|--|
| Overload Protection | None - Requires Control Panel |
| Motor Shaft Material | Stainless Steel |
| Motor Housing Material | Cast Iron |
| Motor Duty | Continuous |
| Motor End Bearing | Single Row Ball |
| Pump End Bearing | Single Row Ball |
| Lubrication | Oil Lubricated |
| Discharge | 2 Inch Flanged, Vertical |
| Volute Material | Cast Iron |
| Base Material | Cast Iron |
| Impeller Type | Open Vortex |
| Impeller Material | Cast Iron |
| Hardware Material | Stainless Steel |
| O-rings | Buna-N |
| Seal Type | Single Mechanical |
| Seal Materials | Silicon Carbide/Silicon Carbide/Buna N |
| Operation | Manual Operation |
| Power Cord | 14/4 SOW, 20' (6.1m), Stripped Leads |
| Max. Solids Handling | 2" (51mm) spherical |
| Max. Water Temperature | 104°F (40°C) |
| Designed Fluid Environment | Water / Sewage Wastewater |



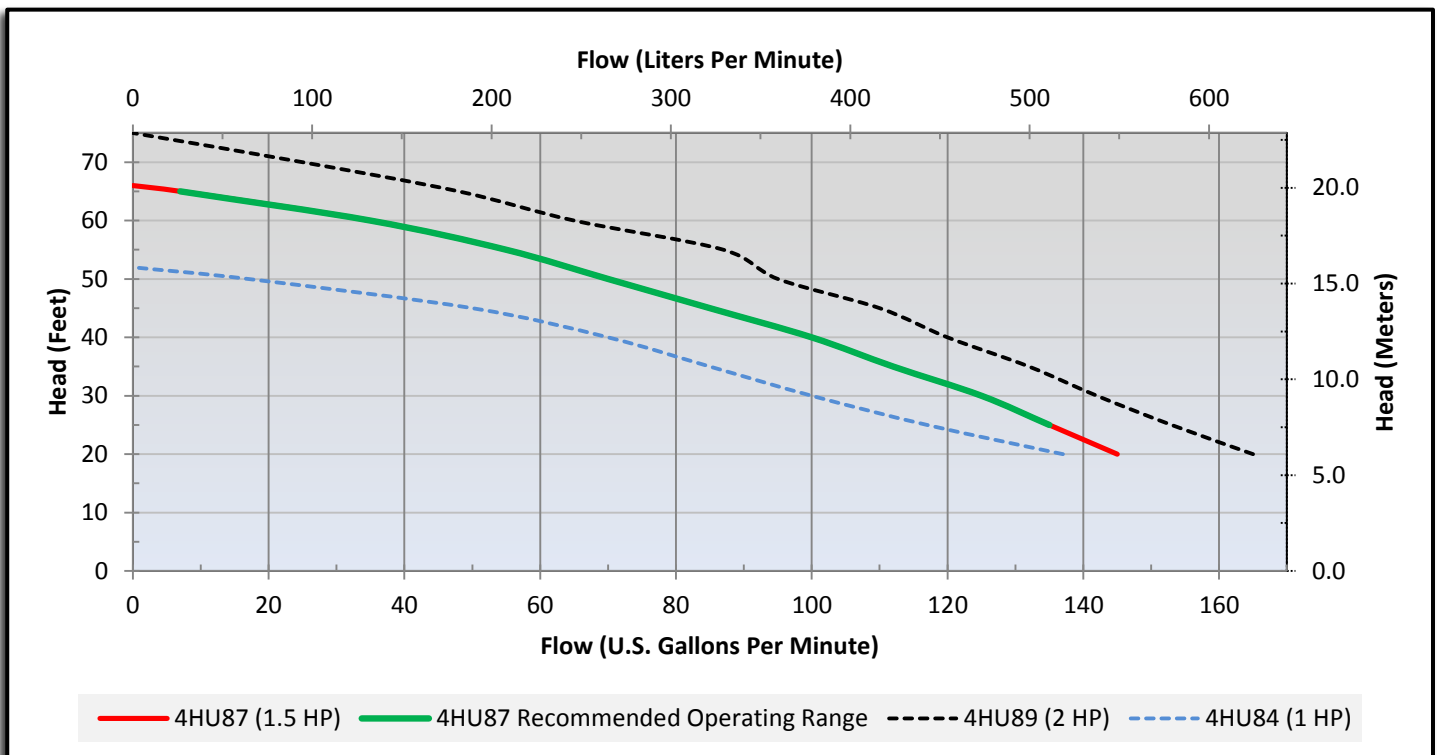
Outline Dimensions



Performance Data

| Head | Feet | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 66 |
|-----------|--------|-----|-----|-----|------|------|------|------|------|------|------|------|
| | Meters | 6.1 | 7.6 | 9.1 | 10.7 | 12.2 | 13.7 | 15.2 | 16.7 | 18.3 | 19.8 | 20.1 |
| Flow Rate | GPM | 145 | 135 | 125 | 112 | 100 | 85 | 70 | 55 | 35 | 7 | 0 |
| | LPM | 549 | 511 | 473 | 424 | 379 | 322 | 265 | 208 | 132 | 26 | 0 |

Performance Chart



WARNING: Use only with nonflammable liquids compatible with pump component materials and in nonflammable/nonexplosive atmospheres.

Call or visit your local branch or go to grainger.com/dayton for complete product line information



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