



GRINDER PUMPS U.S.A.



**Power Torque
Pumps**

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GRINDER PUMPS



GPU2-21

1½ HP Grinder Pump

- 2 Piece Motor Housing
- Separate Cord Cap Assembly
- Internal Capacitors - No Control Box Required
- Ductile Iron Impeller, Recessed, Clog-Free
- Silicon Carbide Seal - Grit Resistant
- Secondary Lip Seal - Added Protection
- Stainless Steel Grinder Assembly Effectively Macerates Domestic Sewage Into a Fine Slurry
- 40 Year Proven Design

Model: GPU2-21

Features / Benefits - Cutter Assembly

- Hardened 440 SST (56-60 Rockwell) shredding ring and grinding impeller.
- 24,000 cuts / second 1.5 million cuts per minute.

Impeller

- Full mechanical seal (silicon / carbide) and secondary lip seal.

Motor

- Capacitor start/ run design for assured starting, strong torque and grinding under heavy load.
- Pressed stator for precise shaft and bearing alignment.

- Internal capacitors and start switch, no external control box required.
- Internal overload protection.
- Dual ball bearings (upper and lower)

Oil-filled provides:

- a) Constant bearing lubrication.
- b) Maximum motor cooling, even temperature distribution.

2HP GRINDER PUMPS



Model: GPUD2-21/GPUHDS2-21
2HP, 3450RPM, 60Hz
High-Flow & High Head

SPECIFICATIONS:

| | |
|---------------------------------|---|
| DISCHARGE | 1-1/4" NPT,Vertical |
| LIQUID TEMPERATURE | 120°F(40°C) Continuous 140°F(40°C) Intermittent |
| VOLUTE | Cast Iron ASTM A-48,Class 30 |
| MOTOR HOUSING | Cast Iron ASTM A-48,Class 30 |
| SEAL PLATE | Cast Iron ASTM A-48,Class 30 |
| IMPELLER | Cast Iron ASTM A-48,Class 30,12 Vane, Vortex with Pump-out Vanes, Dynamically Balanced,ISO G6.3 |
| SHAFT | 420 Stainless Steel |
| O RING | Buna-N |
| SEAL: Design | Double Mechanical in Oil-Filled |
| Material | Rotating Face - Silicon Carbide Stationary Face - Silicon Carbide Elastomer - Buna -N Hardware - 300 Series Stainless |
| CABLE ENTRY | 30 Ft (9.1m) Cord . Compression Grommet-Outer Jacket Seal Epoxy Potted – Inner Conductor Seal Butt Connector – Inner Wire Strand Wicking Blockage |
| UPPER BEARING | Single Row, Ball, Oil lubricated |
| LOWER BEARING | Single Row, Ball, Oil Lubricated |
| MOTOR | Single Phase, 2 HP, 3450 RPM, 60 Hz Dual voltage, 200 / 230 volts Includes Overload Protection in the Motor Oil Filled,Class F Internal Capacitor Start / Capacitor Run, No Control Box Required |
| OPTIONAL EQUIPMENT: | Cord Length, Impeller Trims |

KEY FEATURES:

- Oil-filled motor for maximum motor cooling and constant bearing lubrication
- Recessed impeller reduces radial bearing loads and increases bearing life
- Capacitor start/run design for assured starting, strong torque and grinding under heavy load
- Internal overload protection
- Pressed stator for precise shaft / bearing alignment, long life
- Shredding ring and grinder impeller are replaceable without dismantling pump or motor
- 300 Series Stainless Steel fasteners

GRINDER PUMPS



GPURD2-21/GPURD2-23

2 HP Grinder Pump

- Replacement Grinder Pump
- Direct Interchangeability
- Double Mechanical Seal
- Silicon Carbide (Main) - Grit Resistant
- Carbon Ceramic (Secondary)
- Dual Sealing Chambers with Moisture Detection for Optimum Motor Protection Ductile iron Impeller, Recessed, Clog-Free
- 30 Year Proven Design
- Stainless Steel Grinder Assembly Effectively Macerates Domestic Sewage Into a Fine Slurry
- Available in Single or Three phase

Model: GPURD2-21, GPURD2-23

Features / Benefits - Cutter Assembly

- Hardened 440 SST (56-60 Rockwell) shredding ring and grinding impeller.
- 24,000 cuts / second 1.5 million cuts per minute.

Impeller

- Ductile iron casting for superior quality and long life.
- Recessed impeller provides non-overloading performance.
- Recessed (vortex) design reduces bearing load / increases bearing life.
- Recessed design prevents clogging.

Shafts Seals

- Dual mechanical seals.....silicon / carbide (primary), carbon / ceramic (secondary).

Motor

- Capacitor start/ run design for (single phase) assured starting, strong torque and grinding under heavy load.
- Pressed stator for precise shaft and bearing alignment.
- Internal overload protection (single phase) three phase in panel.
- Moisture detection probe.
- Dual ball bearings (upper and lower).

Oil-filled provides:

- a) Constant bearing lubrication.
- b) Maximum motor cooling, even temperature distribution.

2 HP GRINDER PUMPS



GPUPDSE1-2-21

2 HP Grinder Pump

- Double Mechanical Seal
- Silicon Carbide (Main) – Grit Resistant
- Carbon Ceramic (Secondary)
- Dual Sealing Chambers with Moisture Detection for Optimum Motor Protection
- Ductile iron Impeller, Recessed, Clog-Free
- 30 Year Proven Design
- Stainless Steel Grinder Assembly Effectively Macerates Domestic Into a Fine Slurry

Model: GPUDSE1-2-21

Features / Benefits

Cutter Assembly

- Hardened 440 SST (56-60 Rockwell) shredding ring and grinding impeller.
- 24,000 cuts / second..... 1.5 million cuts / minute.

Impeller

- Ductile iron casting for superior quality and long life.
- Recessed impeller provides non-overloading performance.
- Recessed (vortex) design reduces bearing load and increases bearing life.
- Recessed design prevents clogging.

Shaft Seals

- Dual mechanical seals..... silicon / carbide (primary), carbon / ceramic (secondary).

Motor

- Capacitor start / run design for assured starting, strong torque and grinding under heavy load.
- Stress-free electronic start switch.
- Pressed stator design for precise shaft / bearing alignment.
- Internal overload protection.
- Moisture detection probe.
- Dual ball bearings (upper and lower).

Oil-filled provides:

- a) Constant bearing lubrication.
- b) Maximum motor cooling, even temperature distribution.

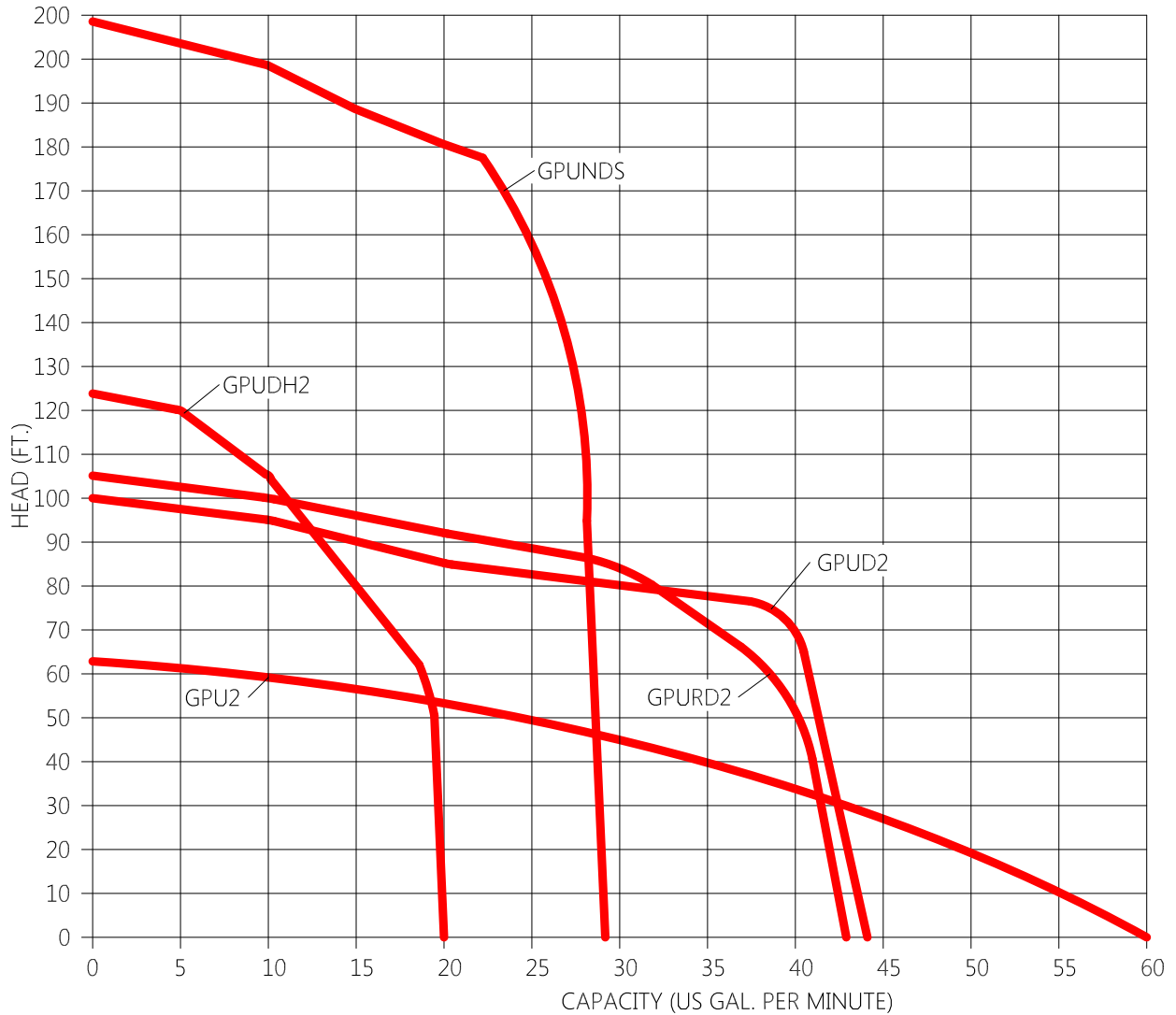
Grinder Pumps U.S.A.

Submersible Grinder Pump

| General Data | | Pump Data | |
|--------------|--|-----------|--|
|--------------|--|-----------|--|

| | | | |
|--------------------|---------|-----------------|-------------------|
| Grinder Pumps 2 HP | | | |
| Cord Length | 30' | Discharge | 1 1/4" NPT |
| Shipping | 90 lbs. | Pole/Rate Speed | 2 Pole / 3450 RPM |

Performance Curve



Specification Chart

| Model Number | Horse Power | Voltage | Full Load Amps | Phase |
|--------------|-------------|-----------------|----------------|---------|
| GPU2-21 | 2 HP | 230 Volts | 12 Amps | 1 Phase |
| GPUD2-21 | 2 HP | 230 Volts | 14 Amps | 1 Phase |
| GPUD2-115 | 2 HP | 115 Volts | 17 Amps | 1 Phase |
| GPURD2-21 | 2 HP | 230 Volts | 14 Amps | 1 Phase |
| GPURD2-23 | 2 HP | 230 / 460 Volts | 14 Amps | 3 Phase |
| GPUHD2-21 | 2 HP | 230 Volts | 14 Amps | 1 Phase |
| GPUNDS-21 | 2 HP | 230 Volts | 34 Amps | 1 Phase |

GRINDER PUMPS



GPU3/GPU5/GPU7-60Hz

High Flow Grinder Pumps

- High Flow Capacities to 185 GPM Ideal for Higher Volume Requirements
- Double Mechanical Seal, Single Stage
- 20 Year Proven Design
- 3, 5 & 7½ HP Models
- Clog-free, Recessed Ductile Impeller
- Available in Single & Three Phase

Model: GPU3-21, GPU3-23, GPU5-21, GPU5-23, GPU7-23

Features / Benefits - Cutter Assembly

- Hardened 440 SST (56-60 Rockwell) shredding ring and grinding impeller . Effectively Macerates Sewage into a Fine Slurry.

Impeller

- Ductile Iron casting for superior quality and long life.
- Recessed impeller provides high head & non-overloading performance.
- Recessed (vortex) design reduces bearing load / increases bearing life.
- Recessed design prevents clogging.

Shaft Seals

- Dual mechanical seals..... silicon / carbide (primary), carbon / ceramic (secondary).

Motor

- Pressed stator for precise shaft and bearing alignment.
- Internal Thermal Sensor for Single Phase and Three Phase motors.
- Moisture detection probe.
- Dual ball bearings (upper and lower) and third sleeve bearing.
- Class “F” Winding Insulation.

Oil-filled provides:

- a) Constant bearing lubrication.
- b) Maximum motor cooling, even temperature distribution.

GRINDER PUMPS



GPUH3/GPUH5/GPUH7-60Hz

High Head Grinder Pumps

- High Head Capacities to 165 feet
Ideal for Higher Volume Requirements
- Double Mechanical Seal, Single Stage
- 20 Year Proven Design
- 3, 5 & 7½ HP Models
- Clog-free, Recessed Ductile Impeller
- Available in Single & Three Phase

**Model: GPUH3-21, GPUH3-23, GPUH5-21, GPUH5-23,
GPUH7-21, GPUH7-23**

Features / Benefits - Cutter Assembly

- Hardened 440 SST (56-60 Rockwell) shredding ring and grinding impeller . Effectively Macerates Sewage into a Fine Slurry.

Impeller

- Ductile Iron casting for superior quality and long life.
- Recessed (vortex) design reduces bearing load / increases bearing life.
- Recessed design prevents clogging.

Shaft Seals

- Dual mechanical seals..... silicon / carbide (primary), carbon / ceramic (secondary).

Motor

- Capacitor start / run design (single phase) for assured starting, strong torque and grinding under heavy load.
- Pressed stator for precise shaft and bearing alignment.
- Internal overload protection.
- Moisture detection probe.
- Dual ball bearings (upper and lower) and third sleeve bearing.

Oil-filled provides:

- a) Constant bearing lubrication.
- b) Maximum motor cooling, even temperature distribution.

Grinder Pumps U.S.A.

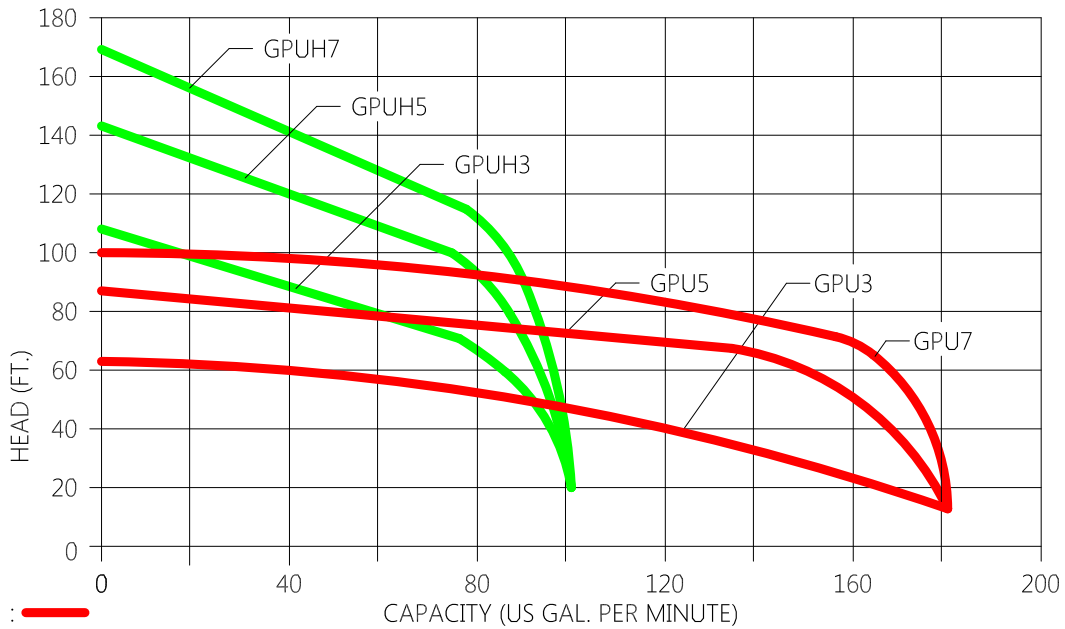
Submersible Grinder Pump

General Data

Grinder Pumps 3 - 7 HP : Standard And High Head

| | | | |
|-------------|----------|-----------------|--------------------------|
| Cord Length | 30' | Discharge | 2-1/2" / 3" Horz. Flange |
| Shipping | 265 lbs. | Pole/Rate Speed | 2 Pole / 3450 RPM |

Performance Curve



Standard : —
High Head : —

Specification Chart

| Model Number | Horse Power | Voltage | Full Load Amps | Phase |
|--------------|-------------|-----------------|----------------|---------|
| GPU3-21 | 3 HP | 230 Volts | 34 Amps | 1 Phase |
| GPU3-23 | 3 HP | 230 / 460 Volts | 18 / 9 Amps | 3 Phase |
| GPU5-21 | 5 HP | 230 Volts | 40 Amps | 1 Phase |
| GPU5-23 | 5 HP | 230 / 460 Volts | 25 / 13 Amps | 3 Phase |
| GPU7-23 | 7 HP | 230 / 460 Volts | 32 / 16 Amps | 3 Phase |
| GPUH3-21 | 3 HP | 230 Volts | 34 Amps | 1 Phase |
| GPUH3-23 | 3 HP | 230 / 460 Volts | 18 / 9 Amps | 3 Phase |
| GPUH5-21 | 5 HP | 230 Volts | 34 Amps | 1 Phase |
| GPUH5-23 | 5 HP | 230 / 460 Volts | 25 / 13 Amps | 3 Phase |
| GPUH7-21 | 7 HP | 230 Volts | 47 Amps | 1 Phase |
| GPUH7-23 | 7 HP | 230 / 460 Volts | 32 / 16 Amps | 3 Phase |

4" NON-CLOG WASTEWATER PUMPS



GPUPR-60Hz

4" Non-Clog Wastewater Pumps 3" Solids Handling

- FREE-FLOW IMPELLER DESIGN Clog-Free Combined Benefits of Recessed and Vaned Impeller Designs Outperforms Enclosed or Semi-Open Impeller Designs
- Capacities to 425 GPM Heads to 100 Feet
- 3, 5 & 7½ HP Models
- Available in Single & Three Phase

**Model: GPUPR3-21, GPUPR3-23,
GPUPR5-21, GPUPR5-23,
GPUPR7-23**

Features / Benefits - Reliable Pumping

- Recessed impeller prevents clogging, completely open volute passage.
- Easily passes fibrous wastes, stringy trash, slurries and solids.
- Solids cannot get caught in the pump end.

Impeller

- Modified vortex / vaned design for optimum performance.
- Ductile casting for superior quality and long life.
- Recessed impeller provides non-overloading performance.
- Recessed (vortex) design reduces bearing load / increases bearing life.
- Operates without vibration or cavitation over the performance curve.

Shaft Seals

- Dual mechanical seals..... silicon / carbide (primary), carbon / ceramic (secondary).

Motor

- Pressed stator for precise shaft and bearing alignment.
- Internal Thermal Sensor for Single Phase and Three Phase motors.
- Moisture detection probe.
- Dual ball bearings (upper and lower) and third sleeve bearing.
- Class "F" Winding Insulation.

Oil-filled provides:

- a) Constant bearing lubrication.
- b) Maximum motor cooling, even temperature distribution.

Grinder Pumps U.S.A.

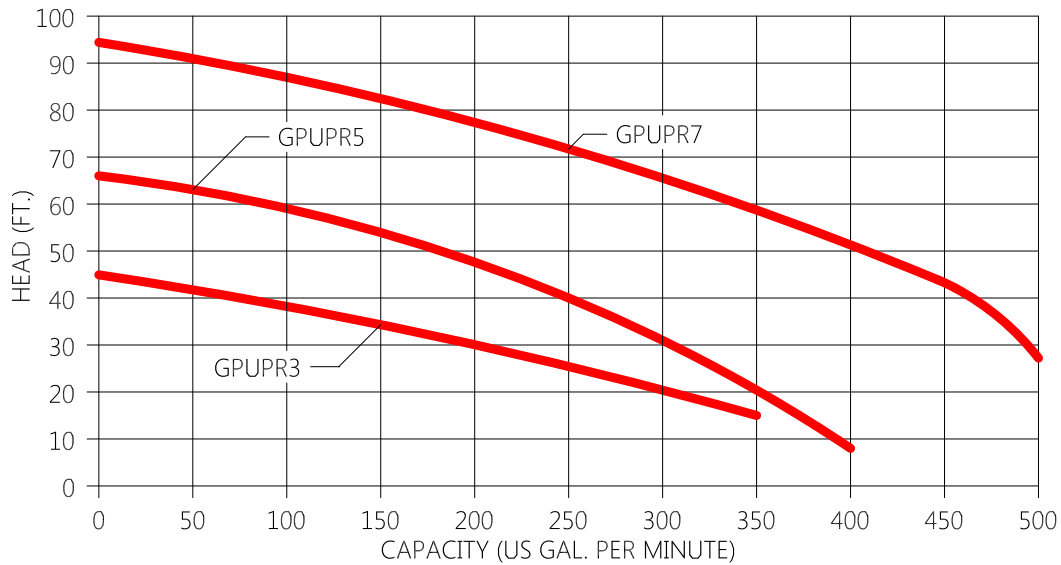
Submersible Sewage Pump

General Data

Non-Clog Sewage Pumps 3 - 7 HP : Recessed Impeller

| | | | |
|-------------|-----|-----------------|-------------------|
| Cord Length | 30' | Discharge | 4" |
| Shipping | 225 | Pole/Rate Speed | 2 Pole / 3450 RPM |

Performance Curve



Specification Chart

| Model Number | Horse Power | Voltage | Full Load Amps | Phase |
|--------------|-------------|-----------------|----------------|---------|
| GPUPR3-21 | 3 HP | 230 Volts | 35 Amps | 1 Phase |
| GPUPR3-23 | 3 HP | 230 / 460 Volts | 20 / 10 Amps | 3 Phase |
| GPUPR5-21 | 5 HP | 230 Volts | 44 Amps | 1 Phase |
| GPUPR5-23 | 5 HP | 230 / 460 Volts | 26 / 13 Amps | 3 Phase |
| GPUPR7-23 | 7.5 HP | 230 / 460 Volts | 42 / 21 Amps | 3 Phase |

4" NON-CLOG WASTEWATER PUMPS



GPUPV-60Hz

4" Non-Clog Wastewater Pumps 3" Solids Handling

- 2 Vane Impeller
- Capacities to 650 GPM Heads to 68 Feet
- 3, 5, 7½ HP Models
- Available in Single & Three Phase
- High Efficiencies

**Model: GPUPV3-21/GPUPV3-23,
GPUPV5-21/GPUPV5-23, GPUPR7-23**

Features / Benefits - Reliable Pumping

- 2 vane, rounded port, enclosed impeller prevents solids binding.
- High efficiency design reduces pumping costs.
- Constant velocity volute extends seal and bearing life, smooth operation.

Impeller

- Ductile iron casting for superior quality and long life.
- Enclosed impeller provides high efficiency performance.
- Balanced pressure design extends shaft seal life, reduces solids build-up.

Shaft Seals

- Dual mechanical seals..... silicon / carbide (primary), carbon / ceramic (secondary).

Motor

- Pressed stator for precise shaft and bearing alignment.
- Internal Thermal Sensor for Single Phase and Three Phase motors.
- Moisture detection probe.
- Dual ball bearings (upper and lower) and third sleeve bearing.
- Class "F" Winding Insulation.

Oil-filled provides:

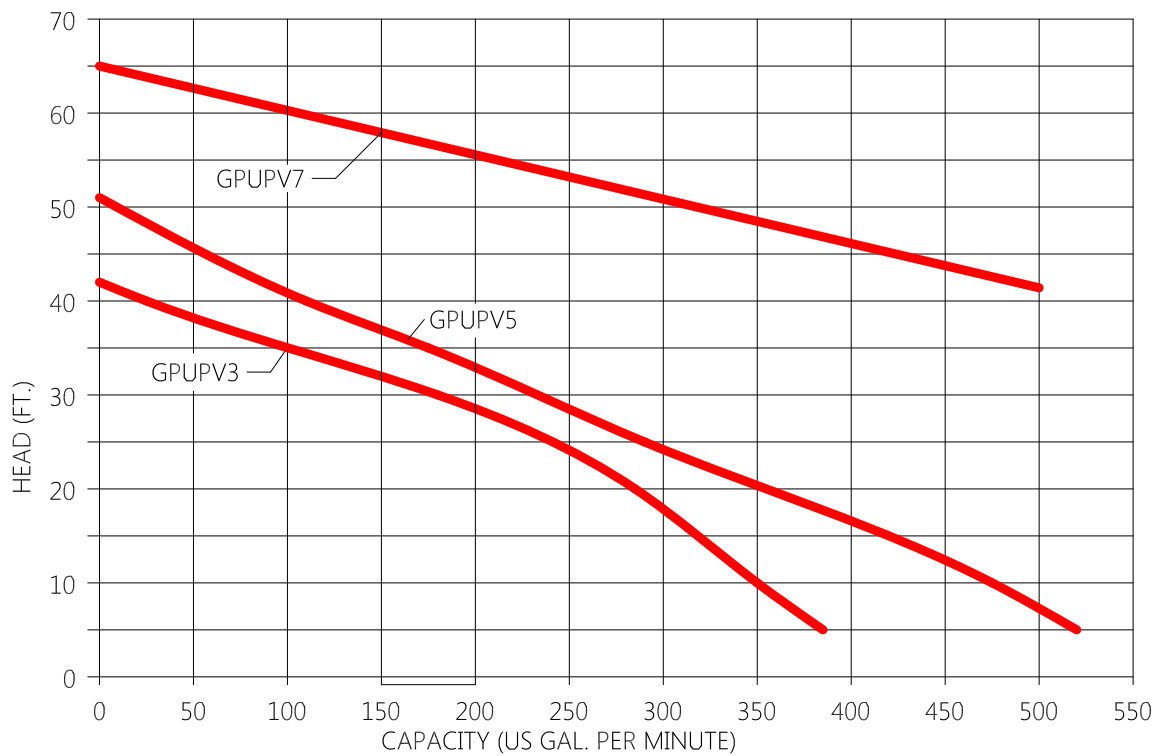
- a) Constant bearing lubrication.
- b) Maximum motor cooling, even temperature distribution.

Grinder Pumps U.S.A.

Submersible Sewage Pump

| General Data | | Pump Data | |
|--|----------|-----------------|-------------------|
| Non-Clog Sewage Pumps 3 - 7 HP : Two Vane Impeller | | | |
| Cord Length | 30' | Discharge | 4" |
| Shipping | 195 lbs. | Pole/Rate Speed | 4 Pole / 1750 RPM |

Performance Curve



Specification Chart

| Model Number | Horse Power | Voltage | Full Load Amps | Phase |
|--------------|-------------|-----------------|----------------|---------|
| GPUPV3-21 | 3 HP | 230 Volts | 17 Amps | 1 Phase |
| GPUPV3-23 | 3 HP | 230 / 460 Volts | 9.6 / 4.8 Amps | 3 Phase |
| GPUPV5-21 | 5 HP | 230 Volts | 34 Amps | 1 Phase |
| GPUPV5-23 | 5 HP | 230 / 460 Volts | 13 / 6.5 Amps | 3 Phase |
| GPUPV7-23 | 7.5 HP | 230 / 460 Volts | 30 / 15 Amps | 3 Phase |

GRINDER PUMPS



GPU10-23

High Flow Grinder Pumps

- High Flow Capacities to 185 GPM Ideal for Higher Volume Requirements
- Double Mechanical Seal, Single Stage
- 20 Year Proven Design
- 10 HP Model
- Clog-free, Recessed Ductile Impeller
- Available in Three Phase - 230v / 460v

Model: GPU10-23

Features / Benefits - Cutter Assembly

- Hardened 440 SST (56-60 Rockwell) shredding ring and grinding impeller. Effectively Macerates Sewage into a Fine Slurry.

Impeller

- Ductile Iron casting for superior quality and long life.
- Recessed impeller provides high head & non-overloading performance.
- Recessed (vortex) design reduces bearing load / increases bearing life.
- Recessed design prevents clogging.

Shaft Seals

- Dual mechanical seals..... silicon / carbide (primary), carbon / ceramic (secondary).

Motor

- Pressed stator for precise shaft and bearing alignment.
- Internal Thermal Sensor for Single Phase and Three Phase motors.
- Moisture detection probe.
- Dual ball bearings (upper and lower) and third sleeve bearing.
- Class "F" Winding Insulation.

Oil-filled provides:

- a) Constant bearing lubrication.
- b) Maximum motor cooling, even temperature distribution.

Grinder Pumps U.S.A.

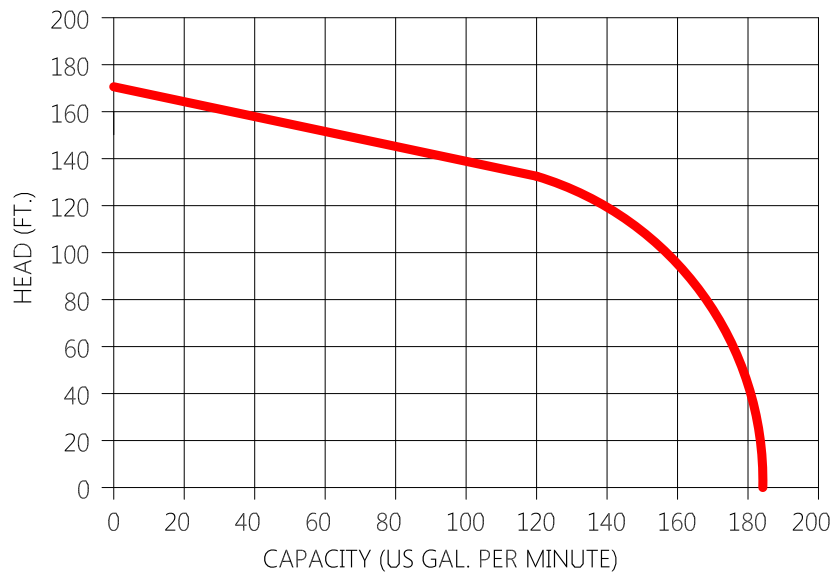
Submersible Grinder Pump

| General Data | | Pump Data | |
|--------------|----------|-----------------|-------------------------|
| Model NO. | GPU10-23 | Volts / PH | 230/460 Volts / 3 Phase |
| HP | 10 | Full Load Amps | 36/18 Amps |
| Cord Length | 30' | Discharge | 2 1/2" |
| Shipping | 295 lbs. | Pole/Rate Speed | 2 Pole / 3450 RPM |

Performance Chart

| | | | | | |
|-------------------|---------|---------|---------|---------|-----|
| Capacity (US-GPM) | 20 GPM | 60 GPM | 100 GPM | 140 GPM | N/A |
| Head (Feet) | 164 Ft. | 152 Ft. | 138 Ft. | 129 Ft. | N/A |

Performance Curve



SEWAGE PUMPS



GUW50

- These heavy-duty sewage pumps are self-contained and recommended for use in a sump or basin, application: sewage, high-capacity sump, effluent.
- 1/2 , 3/4 and 1 HP Models
- Class 30 cast iron construction
- 2”NPT discharge, Vertical
- Dual mechanical, 300 series Stainless Steel Parts
- Oil-filled motor with automatic reset overload provides safe operation
- Ball bearing construction for long life

Model: GUW50-50,GUW50-75,GUW50-100

Technical Data

- **Discharge** - 2” NPT. Vertical
- **Solids Handling** - 1.5” (38mm)
- **Liquid Temperature** - 104 Degrees F. Continuous, 140 Degrees F. Intermittent
- **Motor Housing** - Cast Iron
- **Volute** - Cast Iron
- **Seal Plate** - Cast Iron
- **Impeller** - Cast Iron, vortex design, dynamically balanced for mechanical protection
- **Shaft** - Corrosion resistant stainless steel, threaded design
- **Bearing (Upper & Lower)** - Single Row, Ball, Oil Lubricated
- **Hardware** - 300 Series Stainless Steel
- **Square Rings** - Buna-N
- **Power Cord** - 20ft quick disconnect cord w/plug on 120 volt, pressure grommet for sealing and strain relief. U/L and CSA listed 14AWG Type SJTOW
- **Dual Mechanical Seals** - Stainless steel metal parts, BUNA-N elastomers
 - Upper Seal:** Carbon / Ceramic
 - Lower Seal:** Silicon Carbide / Silicon Carbide
- **Motor (Single Phase)** -3450 RPM, 60Hz, 115 Volts, 2 Pole NEMA L Includes Overload Protection In The Motor. Oil Filled, Class B Permanent Split Capacitor
- **Size** - 10” X 7.2” X 17”

Grinder Pumps U.S.A.

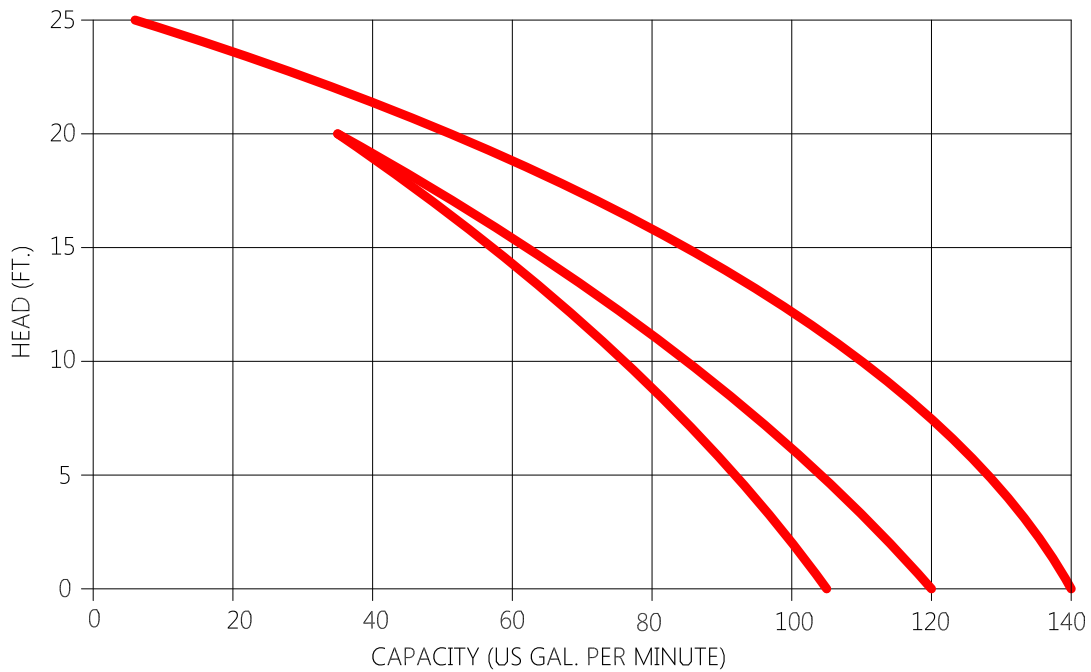
Sump Pumps

General Data

G UW50 Pumps

| | | | |
|-------------|---------|-----------------|-------------------|
| Cord Length | 30' | Discharge | 2" NPT |
| Shipping | 62 lbs. | Pole/Rate Speed | 2 Pole / 3450 RPM |

Performance Curve



Specification Chart

| Model Number | Horse Power | Voltage | Full Load Amps | Phase |
|--------------|-------------|-----------|----------------|---------|
| G UW50-50 | 0.5 HP | 115 Volts | 10 Amps | 1 Phase |
| G UW50-75 | 0.75 HP | 115 Volts | 12 Amps | 1 Phase |
| G UW50-100 | 1 HP | 115 Volts | 15 Amps | 1 Phase |

SEWAGE PUMPS



GUW80

- These heavy-duty sewage pumps are self-contained and recommended for use in a sump or basin, application: sewage, high-capacity sump, effluent.
- 1 & 2 HP Models
- Class 30 cast iron construction
- 3" NPT discharge, Vertical
- Dual mechanical, 300 series Stainless Steel Parts
- Oil-filled motor with automatic reset overload provides safe operation
- Ball bearing construction for long life

Model: GUW80-100, GUW80-200

Technical Data

- **Discharge** - 3" NPT. Vertical
- **Solids Handling** - 2" (51mm)
- **Liquid Temperature** - 104 Degrees F. Continuous, 140 Degrees F. Intermittent
- **Motor Housing** - Cast Iron
- **Volute** - Cast Iron
- **Seal Plate** - Cast Iron
- **Impeller** - Cast Iron, 2-Vane, open, dynamically balanced for mechanical protection
- **Shaft** - Corrosion resistant stainless steel, threaded design
- **Bearing (Upper & Lower)** - Single Row, Ball, Oil Lubricated
- **Hardware** - 300 Series Stainless Steel
- **Square Rings** - Buna-N
- **Power Cord** - 30ft quick disconnect cord w/plug on 120 volt, pressure grommet for sealing and strain relief. U/L and CSA listed 14AWG Type SJTOW
- **Dual Mechanical Seals** - Stainless steel metal parts, BUNA-N elastomers
 - Upper Seal:** Carbon / Ceramic
 - Lower Seal:** Silicon Carbide / Silicon Carbide
- **Motor (Single Phase and Three Phase)** 1750 RPM, 60Hz, 115/230 Volts, 4 Pole NEMA L Includes Overload Protection in the motor. Oil Filled, Class B, Permanent Split Capacitor
- **Size** - 13.4" X 11.7" X 20"

Grinder Pumps U.S.A.

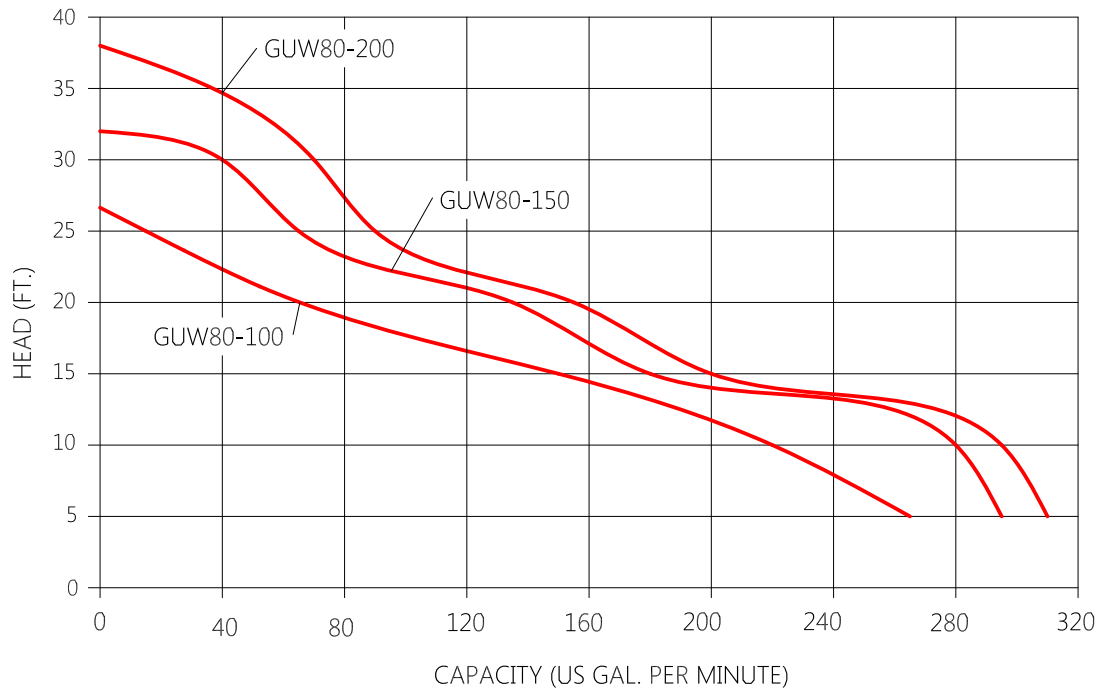
Sump Pumps

General Data

G UW80 Pumps

| | | | |
|-------------|----------|-----------------|-------------------|
| Cord Length | 20' | Discharge | 3" Horz. Flange |
| Shipping | 105 lbs. | Pole/Rate Speed | 2 Pole / 3450 RPM |

Performance Curve



Specification Chart

| Model Number | Horse Power | Voltage | Full Load Amps | Phase |
|--------------|-------------|-----------------|----------------|---------|
| G UW80-100 | 1 HP | 230 Volts | 13 / 6.5 Amps | 1 Phase |
| G UW80-150 | 1.5 HP | 115 / 230 Volts | 16 / 8 Amps | 1 Phase |
| G UW80-200 | 2 HP | 230 / 460 Volts | 6.5 / 3.2 Amps | 3 Phase |



GUE40

- This high-performance sump/effluent pump is good for Effluent and Wastewater removal, Sump Drainage, Water Transfer, etc.
- 4/10 HP Model
- Class 30 cast iron construction
- 1½" NPT discharge, Vertical
- Single mechanical, Silicon Carbide, 300 series Stainless Steel Parts
- Oil-filled motor with automatic reset overload provides safe operation
- Ball bearing construction for long life
- Automatic float switch (Optional, Model "A")

Model: GUE40A, GUE40M

Technical Data

- **Discharge** - 1½" NPT. Vertical
- **Solids Handling** - 3/8" (10mm)
- **Liquid Temperature** - 104 Degrees F. Continuous
- **Motor Housing** - Cast Iron
- **Volute** - Cast Iron
- **Seal Plate** - Cast Iron
- **Impeller** - Cast Iron, Cast Iron, 10 Vane, Vortex
- **Shaft** - Stainless Steel
- **Bearing (Upper & Lower)** - Single Row, Ball, Oil Lubricated
- **Hardware** - 300 Series Stainless Steel
- **Square Rings** - Buna-N
- **Power Cord** - 20ft quick disconnect cord w/plug on 120 volt, pressure grommet for sealing and strain relief. U/L and CSA listed 14AWG Type SJTOW
- **Dual Mechanical Seals** - Stainless steel metal parts, BUNA-N elastomers
Upper Seal: Carbon / Ceramic
Lower Seal: Silicon Carbide / Silicon Carbide
- **Motor (Single Phase)** 3450 RPM, 60Hz, 115/230 Volts, 4 Pole NEMA L Includes Overload Protection in the motor. Oil Filled, Class B, Permanent Split Capacitor
- **Size** - 9" X 7" X 13"

Grinder Pumps U.S.A.

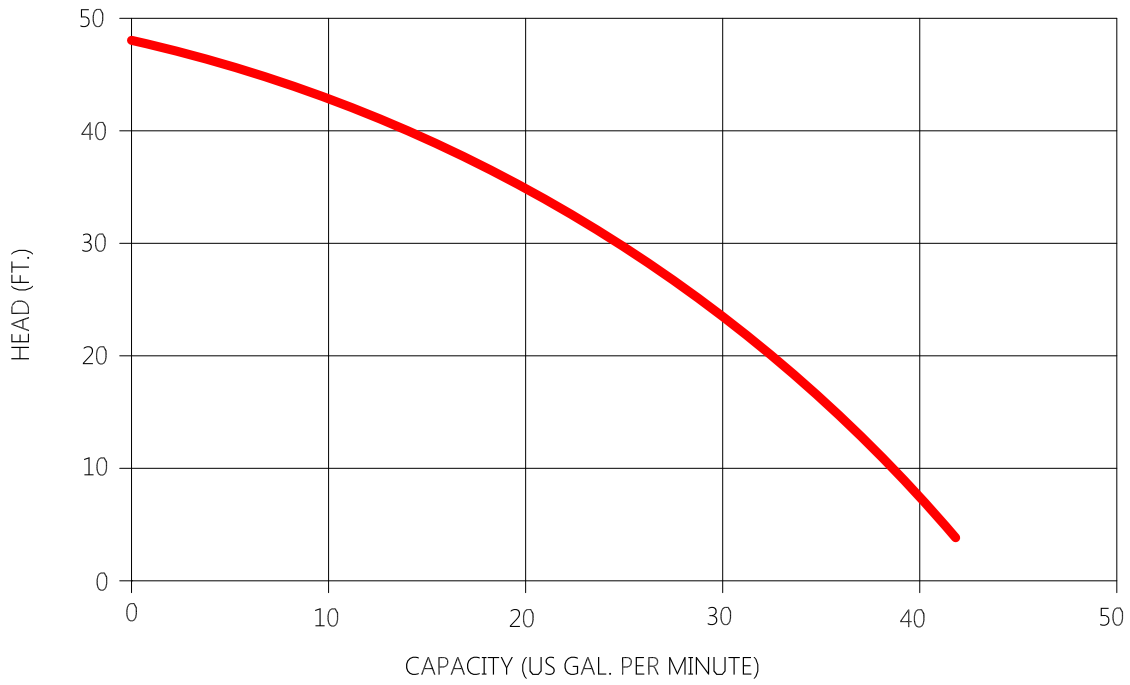
Sewage Pump

| General Data | | Pump Data | |
|--------------|---------|-----------------|---------------------|
| Model NO. | GUE40 | Volts | 115 Volts / 1 Phase |
| HP | 4 / 10 | Full Load Amps | 8 Amps |
| Cord Length | 20' | Discharge | 1-1/2" NPT |
| Shipping | 28 lbs. | Pole/Rate Speed | 2 Pole / 3450 RPM |

Performance Chart

| | | | | | |
|-------------------|--------|--------|--------|--------|--------|
| Capacity (US-GPM) | 40 GPM | 38 GPM | 30 GPM | 23 GPM | 10 GPM |
| Head (Feet) | 5 Ft. | 10 Ft. | 15 Ft. | 20 Ft. | 25 Ft. |

Performance Curve



GUSP



- Submersible sump/effluent pumps designed to be used in a variety of residential and commercial application. Such as: Basement sumps, Dewatering, Utility, Effluent and Wastewater removal, Sump Drainage, Water Transfer etc.
- 1/3HP, 1/2HP and 3/4HP
- Class 30 cast iron construction
- 1½” NPT discharge, Vertical
- Single mechanical, Silicon Carbide, 300 series Stainless Steel Parts
- Oil-filled motor with automatic reset overload provides safe operation
- Ball bearing construction for long life
- Piggy-back style float switch for automatic operation. (Optional, Model “A”)

**Model: GUSP-50, GUSP-50A,
 GUSP75, GUSP-75A**

Technical Data

- **Discharge** - 1½” NPT. Vertical
- **Solids Handling** - GUSP-50: ½” (13mm)
 GUSP-75: ¾” (19mm)
- **Liquid Temperature** - 104 Degrees. F
 Continuous
- **Motor Housing** - Cast Iron
- **Volute** - Cast Iron
- **Seal Plate** - Cast Iron
- **Impeller** - Cast Iron, Cast Iron, 10 Vortex,
 Vortex
- **Shaft** - Stainless Steel
- **Bearing (Upper & Lower)** - Single Row,
 Ball, Oil Lubricated
- **Hardware** - 300 Series Stainless Steel
- **Square Rings** - Buna-N
- **Power Cord** - 20ft quick disconnect cord
 w/plug on 120 volt, pressure grommet for
 sealing and strain relief. U/L and CSA listed
 14AWG Type SJTOW
- **Motor (Single Phase)** 3450 RPM, 60Hz,
 115/230 Volts, NEMA L Includes Overload
 Protection in the motor. Oil Filled, Class B,
 Permanent Split Capacitor
- **Size** - 9” X 6” X 11”

Grinder Pumps U.S.A.

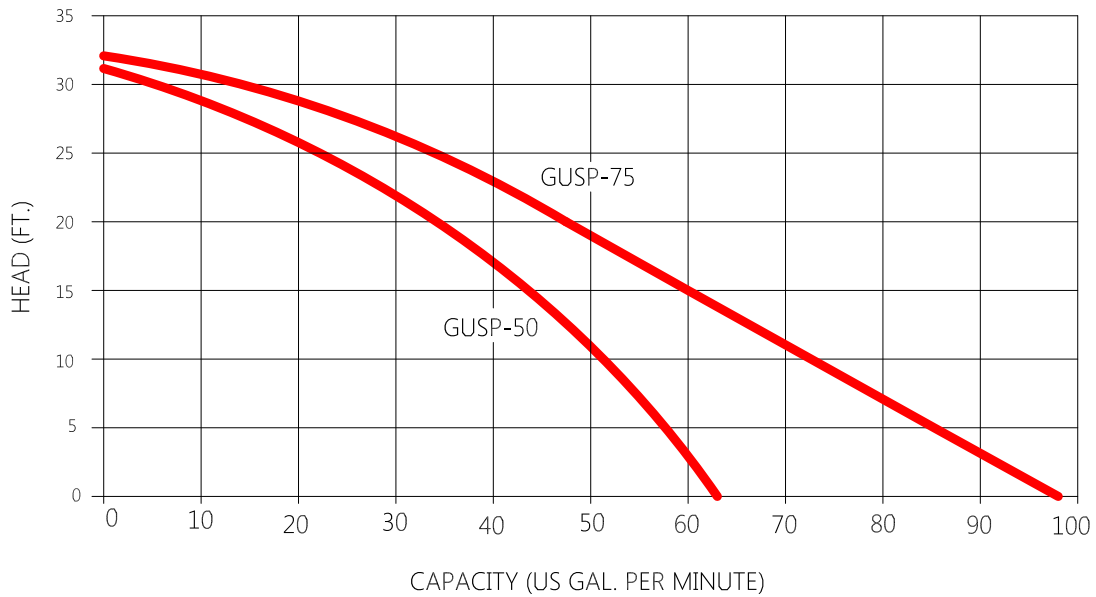
Sump Pumps

General Data

GUSP Pumps

| | | | |
|-------------|---------|-----------------|-------------------|
| Cord Length | 30' | Discharge | 1-1/2" NPT |
| Shipping | 29 lbs. | Pole/Rate Speed | 2 Pole / 3450 RPM |

Performance Curve



Specification Chart

| Model Number | Horse Power | Voltage | Full Load Amps | Phase |
|--------------|-------------|-----------|----------------|---------|
| GUSP-50M | 0.5 HP | 115 Volts | 6.8 Amps | 1 Phase |
| GUSP-50A | 0.5 HP | 115 Volts | 6.8 Amps | 1 Phase |
| GUSP-75M | 0.75 HP | 115 Volts | 9.8 Amps | 1 Phase |
| GUSP-75A | 0.75 HP | 115 Volts | 9.8 Amps | 1 Phase |



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