FEATURES

Powered for Continuous Operation: All ratings are within the working limits of the motor as recommended by the motor manufacturer. Pump can be operated continuously without damage to the motor.

Field Serviceable: Units have left hand threads and are field serviceable with common tools and readily available repair parts.

Sand Handling Design: Our face clearance, floating impeller stack has proven itself for over 40 years as a superior sand handling, durable pump design.

FDA Compliant Non-Metallic Parts: Impellers, diffusers and bearing spiders are constructed of glass filled engineered composites. They are corrosion resistant and non-toxic.

Discharge Head/Check Valve: Cast 303 stainless steel for strength and durability. Two cast-in safety line loops for installer convenience. The built-in check valve is constructed of stainless steel and FDA compliant BUNA rubber for abrasion resistance and quiet operation.

Motor Adapter: Cast 303 stainless steel for rigid, accurate alignment of pump and motor. Easy access to motor mounting nuts using standard open end wrench.

Stainless Steel Casing: Polished stainless steel is strong and corrosion resistant.

Hex Shaft Design: Six sided shafts for positive impeller drive.

Engineered Polymer Bearings: The proprietary, engineered polymer bearing material is strong and resistant to abrasion and wear. The upper bearing is mounted in a durable engineered composite bearing spider for excellent abrasion resistance.

33GS, 40GS, 55GS, 60GS, 75GS & 80GS

33-80 GPM, 1 - 10 HP, 60 HZ, SUBMERSIBLE PUMPS
WATER END DATA

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SPECIFICATIONS

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<th>Flow Range GPM</th>
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<th>Best Efficiency GPM</th>
<th>Discharge Connection</th>
<th>Minimum Well Size</th>
<th>Rotation</th>
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<td>2”</td>
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<td>CCW</td>
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Rotation is counterclockwise when observed from pump discharge end.

“GS” SERIES MATERIALS OF CONSTRUCTION

NOMENCLATURE - SOLD AS WATER ENDS ONLY

GPM at Best — 33, 40, 55, 60, 75, 80 Efficiency

GS Pump Series

Horsepower Code

15 = 1 ½
20 = 2
30 = 3
50 = 5
75 = 7 ½
100 = 10
## CENTRIPRO 4" SINGLE-PHASE MOTORS

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## CENTRIPRO 4" THREE-PHASE MOTORS

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<td>27.7 (703)</td>
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## NEMA MOTOR
- Corrosion resistant stainless steel construction.
- Built-in surge arrester is provided on single phase motors through 5 HP.
- Stainless steel splined shaft.
- Hermetically sealed windings.
- Replaceable motor lead assembly.
- NEMA mounting dimensions.
- Control box is required with 3 wire single phase units.
- Three phase units require a magnetic starter with three leg Class 10 overload protection.

## AGENCY LISTINGS
- Pump / Water End and Complete Pump - tested to UL778 and CAN 22.2 by UL (Underwriters Laboratories Inc.)
- CentriPro Motor - tested to UL778 and CAN 22.2 by CSA International (Canadian Standards Association)
- Pump/Water End - Certified to NSF/ANSI 61 - Drinking Water System Components 4P49
- CentriPro Motor - Certified to NSF/ANSI 61, Annex G, Drinking Water System Components 4P49
- NSF/ANSI 372 – Drinking Water System Components - Lead Content
- **CLASS 6853 01** – Low Lead Content Certification Program -- Plumbing Products
### MODEL 33GS

**SELECTION CHART**

Horsepower Range 1 - 3, Recommended Range 10 - 50 GPM, 60 Hz, 3450 RPM

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Horsepower Range 5-10, Recommended Range 10 - 50 GPM, 60 Hz, 3450 RPM

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**Depth to Water in Feet/Ratings in GPM (Gallons per Minute)**

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<th>PSI</th>
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**Horsepower Range 5-10, Recommended Range 10 - 50 GPM, 60 Hz, 3450 RPM**

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### MODEL 40GS

**SELECTION CHART**

Horsepower Range 1½ - 7½, Recommended Range 20 - 65 GPM, 60 Hz, 3450 RPM

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## MODEL 55GS

### SELECTION CHART

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**Horsepower Range 7½ – 10, Recommended Range 20 – 80 GPM, 60 Hz, 3450 RPM**

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### MODEL 60GS

**SELECTION CHART**

Horsepower Range 1½ – 7½, Recommended Range 40 – 80 GPM, 60 Hz, 3450 RPM

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### MODEL 75GS

#### SELECTION CHART

Horsepower Range 3 - 10, Recommended Range 40 - 100 GPM, 60 Hz, 3450 RPM

<table>
<thead>
<tr>
<th>Pump Model</th>
<th>HP</th>
<th>PSI</th>
<th>Depth to Water in Feet/Ratings in GPM (Gallons per Minute)</th>
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#### Shut-off PSI

| 75GS303    | 0   | 77 69 60 51 43 34 25 |
|            | 20  | 90 83 75 65 55 44   |
|            | 30  | 80 72 62 51 41      |
|            | 40  | 79 70 60 50         |
|            | 50  | 78 69 59 48         |
|            | 60  | 77 67 57 47         |

| 75GS505    | 0   | 120 111 102 94 85 76 68 59 50 42 33 |
|            | 20  | 100 97 95 92 88 85 81 76 72 67 62 56 51 45 40 |
|            | 30  | 79 73 66 59 52 45   |
|            | 40  | 78 72 65 58 51 44   |
|            | 50  | 77 71 64 57 50 43   |
|            | 60  | 76 70 63 56 49 42   |

#### Shut-off PSI

| 75GS757½  | 0   | 146 137 129 120 111 103 94 85 77 68 59 51 42 |
|           | 20  | 100 97 95 92 88 85 81 76 72 67 62 56 51 45 40 |
|           | 30  | 99 96 94 91 87 83 79 74 69 64 59 54 48 43   |
|           | 40  | 98 96 93 90 86 82 78 74 69 64 58 53 48 42   |
|           | 50  | 97 95 92 89 86 82 77 73 68 63 57 52 47 41   |
|           | 60  | 96 94 91 88 85 81 77 72 67 62 57 51 46 40   |

#### Shut-off PSI

| 75GS10010 | 0   | 272 263 254 246 237 228 220 211 202 194 185 176 168 159 150 142 133 124 116 107 98 90 81 72 64 55 |
|           | 20  | 107 98 90 81 72 64 55 46 38 29 20           |

### MODEL 80GS

#### SELECTION CHART

Horsepower Range 3 - 7½, Recommended Range 50 - 120 GPM, 60 Hz, 3450 RPM

<table>
<thead>
<tr>
<th>Pump Model</th>
<th>HP</th>
<th>PSI</th>
<th>Depth to Water in Feet/Ratings in GPM (Gallons per Minute)</th>
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</thead>
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</table>

#### Shut-off PSI

| 80GS505    | 0   | 120 112 104 95 86 75 64 51 |
|            | 20  | 111 102 94 84 74 62         |
|            | 30  | 101 92 83 72 60             |
|            | 40  | 91  81  70  58             |
|            | 50  | 91  81  70  58             |
|            | 60  | 79  69  56                 |

#### Shut-off PSI

| 80GS757½  | 0   | 107 98 90 81 72 64 55 46 38 29 |
|           | 20  | 118 113 107 101 95 89 82 75 68 60 |
|           | 30  | 121 116 110 105 99 92 86 79 72 65 |
|           | 40  | 120 115 109 104 98 91 85 78 71 63 |
|           | 50  | 114 109 103 97 90 84 77 70 62 |
|           | 60  | 108 102 96 89 83 76 69 61     |

#### Shut-off PSI

| 80GS10010 | 0   | 171 162 153 145 136 127 119 110 101 93 84 75 67 58 49 |
|           | 20  | 162 153 145 136 127 119 110 101 93 84 75 67 58 49    |
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2) a leading global water technology company.

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