

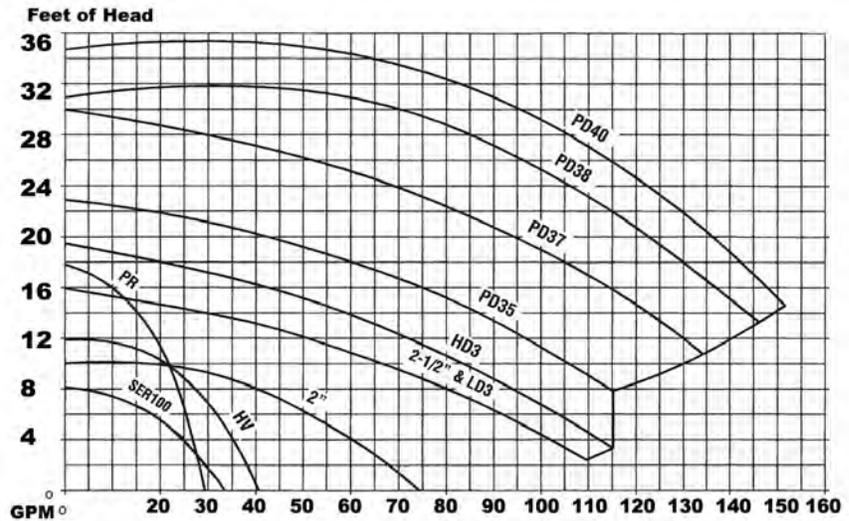
Bell & Gossett Series 100 Circulating Pumps

The POPULAR Series 100 Circulating Pumps



Seems like everyone uses these long-lasting, repairable booster pumps in their boiler room! Available in iron (red) or bronze bodies for domestic potable water.

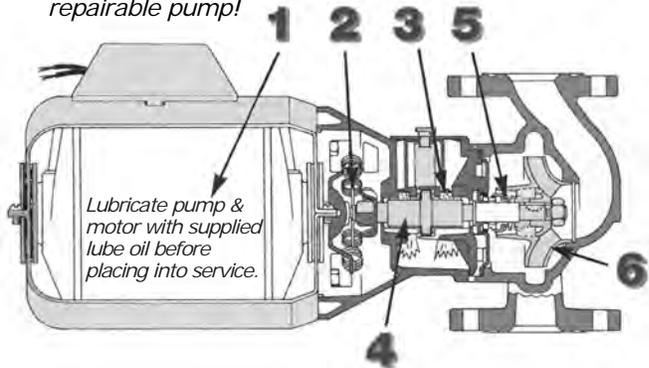
Pump Capacities for B&G Booster Pumps



Pump Features and Benefits

- Sleeve bearing, oil lubricated motor with resilient, sound-dampening motor mounts for long life.
- Noise dampening spring coupler. Motors are ODP with overload protector, 115V.
- Completely repairable. A listing of repair parts can be found on the following page.
- Oversize precision ground pump shaft is oversized to provide long seal and bearing life.
- Mechanical seal withstands the harsh heating systems. Pumps to 125 psi @ 225° F.
- Fits pipe sizes 3/4" to 1-1/2" with the appropriate pump flanges or isolation ball valves.

Completely repairable pump!

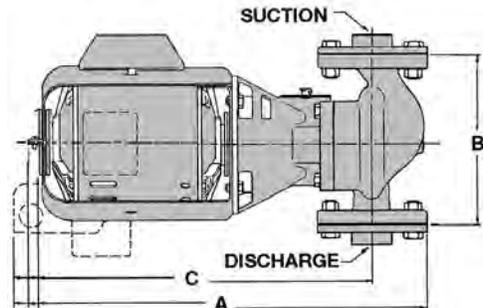


Series 100 Pump Ordering Guide New pump includes Flange Bolt Pack (bolts-nuts-flange gaskets) and tube of oil. Order pump flanges or isolation ball valves separately.

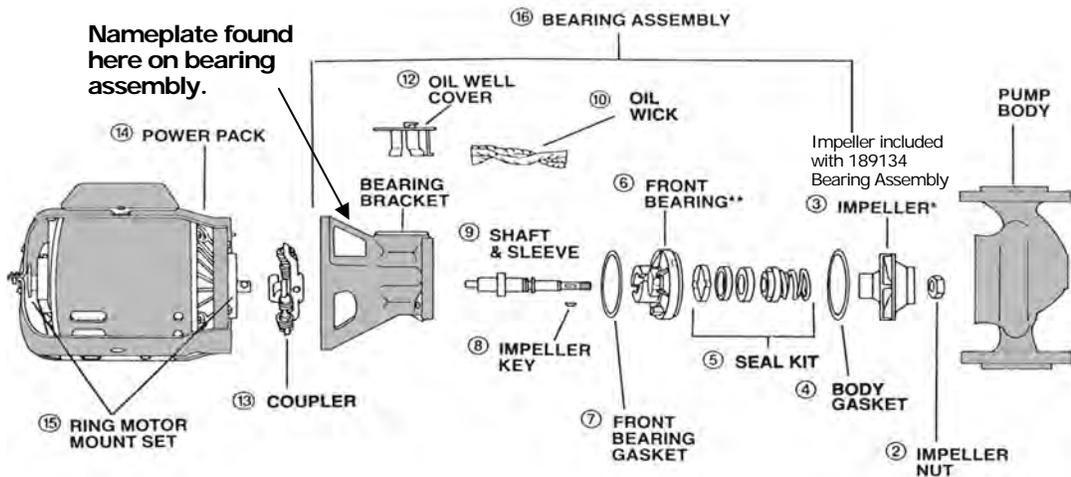
| Pump Models & HP | Red Iron Pump for General Space Heating | | | Bronze Pump for Potable Water with Plastic Impeller | | | Flange Sizes Order separately | Pump Dimensions | | | Weight | |
|---|--|----------|-----------|--|----------|-----------|----------------------------------|-----------------|-------|--------|-----------|-------------|
| | Model No. | Pump No. | Order No. | Model No. | Pump No. | Order No. | | A | B | C | Iron Body | Bronze Body |
| Series 100 1/12 hp, 1 ph 115 volts | 100NFI | 106189 | BH1010 | 100BNFI | 106197 | BH1005 | 3/4, 1, 1 1/4, 1 1/2 | 14-7/8 | 6-3/8 | 12-3/4 | 20 | 21 |

Series 100, Bronze Pump with Brass Impellers for Food Service

| Bronze Pump for Food Service | | | Flange Sizes Order separately | Pump Dimensions | | | Weight Bronze Body |
|--|----------|-----------|----------------------------------|-----------------|-------|--------|-----------------------|
| Model No. | Pump No. | Order No. | | A | B | C | |
| 100AB 1/12 hp, 1 ph 115 volts | 106192 | BH1005A | 3/4, 1, 1 1/4, 1 1/2 | 14-7/8 | 6-3/8 | 12-3/4 | 21 |



Repair Parts for Series 100 Pumps



To identify your pump model: Look on the nameplate found on the bearing bracket (bearing assembly).

1. If the Bearing Assembly is the original that came with the pump, you will find the Pump Series and Pump No. information.

2. If the Bearing Assembly has already been replaced, the actual bearing assembly number will be shown.

The replacement Bearing Assemblies also include the seal kit, body gasket and tube of oil. Impeller included with 189134

Repair Parts for Series 100 B&G Circulating Pumps

| Item No. | Description | Pump Model ▶ Pump No. ▶ Pump Color ▶ | 100NFI 106189 Red For Space Heating | 100AB 106192 Bronze For Food Service | 100BNFI 106197 Bronze For Potable Water |
|---|--|--|--|---|--|
| 16 | Replacement Bearing Assembly | | *189134 | 189034 | 189034 |
| 3 | Impeller, ¹ plastic impeller ² bronze impeller | | ¹ BG1510 | ² BG1205 | ¹ BG1510 |
| 13 | Coupler (also order a Motor Mount set) | | BG1490 | | |
| 14 | Motor (Power Pack) 1/12 h.p., 1 ph | | BG1080 | | |
| 15 | Motor Mount Set (2 ea.) | | BG1150 | | |
| 5 | Seal Kit (also order a Body Gasket) | | BG1300 | | |
| 4 | Body Gasket | | BG1520 | | |
| 10 | Oil Wick Set | | BG1200 | | |
| Sold by the individual flange. Order 2 for a set. | Pump Flange (1 ea) & bolts/nuts for 3/4" pipe | | BG1005 | BG1040 | BG1040 |
| | Pump Flange (1 ea) & bolts/nuts for 1" pipe | | BG1010 | BG1045 | BG1045 |
| | Pump Flange (1 ea) & bolts/nuts for 1 1/4" pipe | | BG1015 | BG1050 | BG1050 |
| | Pump Flange (1 ea) & bolts/nuts for 1 1/2" pipe | | BG1020 | BG1055 | BG1055 |
| Sold by the pair. See bottom right-hand corner of page. | Isolation Ball Valves (pair), 3/4" pipe size | | BI2700 | | |
| | Isolation Ball Valves (pair), 1" pipe size | | BI2701 | | |
| | Isolation Ball Valves (pair), 1 1/4" pipe size | | BI2702 | | |
| | Isolation Ball Valves (pair), 1 1/2" pipe size | | BI2702B | | |
| | Gasket Set (2 ea.) for above Pump Flanges | | BG1185 | | |
| | 2 oz. Tube of B&G pump lube oil | | BG1145 | | |
| | Flange Bolt Pack with Flange Gaskets | | BG1561H | | |

* You may also order the 118844 Bearing Assembly: Does not include an impeller. Re-use your old one.



Choose from Three different models of Series 100 pumps:

- The 100NFI is used for hot water space heating applications;
- The 100AB is used for food service applications;
- The 100BNFI is used for domestic, potable water applications.

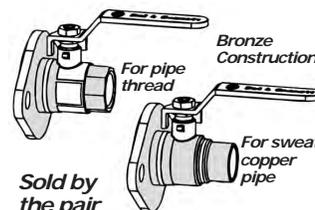
New Pumps Include:

1. A Flange Bolt Pack (the bolts, nuts and flange gaskets);
2. A tube of oil for lubricating the bearing assembly & motor before operation. Lubricate once before heating season.

Repair Parts for Bearing Assemblies

| Item No. | Description | Bearing Assy. No. 118844 & 189134 (Red) | Bearing Assy. No. 189034 (Bronze) |
|----------|------------------------|---|---|
| 6 | Front Bearing | BG1460 | BG1460 |
| 7 | Front Bearing Gasket | BG1614 | |
| 8 | Impeller Key for Shaft | BG1527 | |
| 2 | Impeller Nut | BG1519K | BG1542 |
| 12 | Oil Well Cover | BG1620 | |
| 9 | Shaft and Sleeve | BG1440 | |

Isolation Ball Valves



The easy way to repair or replace your pump. Simply turn off the valves, unbolt the pump from the flange and take it out for repair or replacement — **Order above!**

Sold by the pair

Replaces the standard pump flange!