Series A-C 9100
SINGLE STAGE DOUBLE SUCTION LARGE SPLIT CASE
# Series A-C 9100

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## SERIES A-C 9100

### Model 100, Pump End Only

Double Suction with Mechanical Seals

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Flow</th>
<th>Head</th>
<th>HP</th>
<th>RPM</th>
<th>Approx. Weight</th>
<th>Specials</th>
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</thead>
</table>

**MATERIALS OF CONSTRUCTION**
- Cast Iron Bronze Fitted

### TYPE OF SEAL

**Pump Size:** 14x10x20S, 14x10x20L, 16x12x23, 16x14x17, 18x14x23

- **STANDARD:** 175 PSIG (12 Bar) working pressure, 125# ANSI Flanges
- **OPTIONAL:** 300 PSIG (21 Bar) working pressure, 250# ANSI Flanges

**Pump Size:** 12x8x22M, 12x8x22L

- **STANDARD:** 300 PSIG (21 Bar) working pressure, 125 / 250# ANSI Flanges
- **OPTIONAL:** 400 PSIG (27 Bar) working pressure, 250# ANSI Flanges

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### OTHER:

- **STANDARD:** Crane Type 8 - 1, Viton/Carbon-Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10°F to 220°F (-23 to 104 °C).
- **OPTIONAL:** Crane Type 8 - 1, Viton/Carbon-Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -10°F to 220°F (-23 to 104 °C).
- **OPTIONAL:** Crane Type 8B - 1, Viton/Carbon-Ceramic, 200 psig (13 Bar) maximum suction pressure, from -10°F to 220°F (-23 to 104 °C).

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### MATERIALS OF CONSTRUCTION

- Cast Iron Bronze Fitted

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**G&L Pumps**

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**PAGE 2**
**DIMENSIONS - Inches (mm)**

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<th>R₂</th>
<th>E</th>
<th>R₁</th>
<th>CP</th>
<th>D</th>
<th>N</th>
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Dimensions are subject to change. Not to be used for construction purposes unless certified.

**NOTE:** FLANGES ARE 125 #FF OR 250 #FF PER ANSI B16.1. HOLES STRADDLE CENTERLINES.

**STANDARD FLANGES ARE 125 #FF SUCTION AND 250 #FF DISCHARGE FOR THIS PUMP SIZE**
12X8X22M Frames: 284T-365TS
Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS:

- **STANDARD:** 300 PSIG (21 Bar) working pressure, **125#/250# ANSI Flanges**
- **OPTIONAL:** 400 PSIG (27 Bar) working pressure, **250# ANSI Flanges**

- **STANDARD:** Crane Type 8 - 1, Viton/Carbon-Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220° F (-23 to 104 °C).
- **OPTIONAL:** Crane Type 8 - 1, Viton/Carbon-Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -10° to 220° F (-23 to 104 °C).
- **OPTIONAL:** Crane Type 8B - 1, Viton/Carbon-Ceramic, 200 psig (13 Bar) maximum suction pressure, from -10° to 220° F (-23 to 104 °C).

OTHER:

- **MATERIALS OF CONSTRUCTION**
- CAST IRON BRONZE FITTED
- FABRICATED HEAVY DUTY
- OSHA COUPLING GUARD
- ALL METAL GEAR TYPE COUPLING
- GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)
12X8X22M Frames: 284T-365TS
Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS:

- GPM
- FT.
- RPM

MOTOR DATA:
- HP
- VOLTS
- ENCL.
- HZ
- PHASE

SPEC. CONSTR.:
- APPROX.
- WEIGHT

MATERIALS OF CONSTRUCTION:
- CAST IRON BROZNE FITTED
- FABRICATED HEAVY DUTY
- OSHA COUPLING GUARD
- ALL METAL GEAR TYPE COUPLING
- GALVANIZED DRIP PAN UNDER FLANGES

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OTHER:
- (OPTIONAL)
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*Motor dimensions are approximate, vary by manufacturer and motor type. Dimensions are subject to change. Not to be used for construction purposes unless certified.
12X8X22M Frames: 404T-449TS
Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS:

- GPM
- FT.
- RPM
- HP
- VOLTS
- ENCL.
- HZ
- PHASE
- SPEC CONSTR.
- APPROX.
- WEIGHT
- LBS.

MATERIALS OF CONSTRUCTION
- CAST IRON BRONZE FITTED
- FABRICATED HEAVY DUTY
- DSHA COUPLING GUARD
- ALL METAL GEAR TYPE COUPLING
- GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)

STANDARD: 300 PSIG (21 Bar) working pressure, **125/***250# ANSI Flanges

OPTIONAL: 400 PSIG (27 Bar) working pressure, ***250# ANSI Flanges

STANDARD: Crane Type 8 - 1, Viton/Carbon-Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220° F (-23 to 104 °C).

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  - CAST IRON BRONZE FITTED
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  - GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)
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Motor dimensions are approximate, vary by manufacturer and motor type. Dimensions are subject to change. Not to be used for construction purposes unless certified.
12X8X22M Frames: 5807S TEFC-6809S WPI
Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS:

- **GPM**, **FT.**, **RPM**
- MOTOR DATA: **HP**, **VOLTS**
- SPEC CONSTR.: **ENCL.**, **HZ.**, **PHASE**
- APPROX. WEIGHT: **LBS.**

MATERIALS OF CONSTRUCTION:
- **CAST IRON BRONZE FITTED**
- **FABRICATED HEAVY DUTY**
- **OSHA COUPLING GUARD**
- **ALL METAL GEAR TYPE COUPLING**
- **GALVANIZED DRIP PAN UNDER FLANGES**

- **STANDARD:** 300 PSIG (21 Bar) working pressure, **125/**250# ANSI Flanges
- **OPTIONAL:** 400 PSIG (27 Bar) working pressure, **250# ANSI Flanges
- **STANDARD:** Crane Type 8 - 1, Viton/Carbon-Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220° F (-23 to 104 °C).
- **OPTIONAL:** Crane Type 8 - 1, Viton/Carbon-Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -10° to 220° F (-23 to 104 °C).
- **OPTIONAL:** Crane Type 8B - 1, Viton/Carbon-Ceramic, 200 psig (13 Bar) maximum suction pressure, from -10° to 220° F (-23 to 104 °C).
- **OTHER:**

---

G&L Pumps
12X8X22M Frames: 5807S TEFC-6809S WPI
Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS:

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- **OTHER:**

MATERIALS OF CONSTRUCTION:
- CAST IRON BRONZE FITTED
- FABRICATED HEAVY DUTY
- OSHA COUPLING GUARD
- ALL METAL GEAR TYPE COUPLING
- GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)
DIMENSIONS - Inches (mm)

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*Motor dimensions are approximate, vary by manufacturer and motor type.

**Dimensions are subject to change. Not to be used for construction purposes unless certified.
12X8X22L Frames: 284T-365TS
Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

**SPECIFICATIONS:**

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<th>RPM</th>
<th>VOLTS</th>
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- **STANDARD:** 300 PSIG (21 Bar) working pressure, **125/***250# ANSI Flanges
- **OPTIONAL:** 400 PSIG (27 Bar) working pressure, ***250# ANSI Flanges
- **STANDARD:** Crane Type 8 - 1, Viton/Carbon-Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220° F (-23 to 104 °C).
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- **OPTIONAL:** Crane Type 8B - 1, Viton/Carbon-Ceramic, 200 psig (13 Bar) maximum suction pressure, from -10° to 220° F (-23 to 104 °C).
- **OTHER:**

**MATERIALS OF CONSTRUCTION**

- [ ] CAST IRON BRONZE FITTED
- [x] FABRICATED HEAVY DUTY
- [ ] ANSI/Osha COUPLING GUARD
- [ ] FLEXIBLE COUPLING
- [ ] SPACER COUPLING (OPTIONAL)
- [x] GALVANIZED DRIP PAN (OPTIONAL)
12X8X22L Frames: 284T-365TS
Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS:

.Standard: 300 PSIG (21 Bar) working pressure, **125/***250# ANSI Flanges

.Optional: 400 PSIG (27 Bar) working pressure, ***250# ANSI Flanges

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.OTHER:

MATERIALS OF CONSTRUCTION

- CAST IRON BRONZE FITTED
- FABRICATED HEAVY DUTY
- ANSI/OSHA COUPLING GUARD
- FLEXIBLE COUPLING
- SPACER COUPLING (OPTIONAL)
- GALVANIZED DRIP PAN OPTIONAL
**Series A-C 9100 12X8X22L Centrifugal Pump Submittal**

**DIMENSIONS - Inches (mm)**

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12X8X22L-Frames: 404T-449TS
Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

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<th>Head</th>
<th>HP</th>
<th>RPM</th>
<th>Volts</th>
<th>Cycle</th>
<th>Phase</th>
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<th>APPROX. Weight</th>
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**MATERIALS OF CONSTRUCTION:**
- CAST IRON BRONZE FITTED
- FABRICATED HEAVY DUTY
- ANSI/OSHA COUPLING GUARD
- FLEXIBLE COUPLING
- SPACER COUPLING (OPTIONAL)
- GALVANIZED DRIP PAN (OPTIONAL)

---

**Diagram:**

Image showing performance data for the pump.
**SERIES A-C 9100**

### 12X8X22L-Frames: 404T-449TS

**Series A-C 9100**

**Base Mounted - Double Suction Centrifugal Pumps**

**SPECIFICATIONS:**

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<th>Head</th>
<th>HP</th>
<th>RPM</th>
<th>Volts</th>
<th>Cycle</th>
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- **STANDARD:** Crane Type 8 - 1, Viton/Carbon-Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220° F (-23 to 104 °C).
- **OPTIONAL:** Crane Type 8 - 1, Viton/Carbon-Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -10° to 220° F (-23 to 104 °C).
- **OPTIONAL:** Crane Type 8B - 1, Viton/Carbon-Ceramic, 200 psig (13 Bar) maximum suction pressure, from -10° to 220° F (-23 to 104 °C).
- **OTHER:**

**MATERIALS OF CONSTRUCTION**

- CAST IRON
- BRONZE FITTED
- FABRICATED HEAVY DUTY
- ANSI/OSHA COUPLING GUARD
- FLEXIBLE COUPLING
- SPACER COUPLING (OPTIONAL)
- GALVANIZED DRIP PAN (OPTIONAL)

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**Diagram and Graph**

- **Total Head (m)**
- **Flow (m³/h)**
- Performance curves for a complete centrifugal pump system.
- Note: Performance data is based on standard conditions.

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**PAGE 17**
### SERIES A-C 9100

#### Series A-C 9100 12X8X22L Centrifugal Pump Submittal

**DIMENSIONS - Inches (mm)**

| MOTOR FRAME | HA | HB | 2HE | HF₁ | HF₂ | HG | HH | HP | HR | CP | HC* | HD | HM* | HO | S & Z | VH | VḤ₁ | W | X | YY |
|-------------|----|----|-----|-----|-----|----|----|----|----|----|-----|----|-----|----|--------|----|-----|----|----|
| 404T        | 27 | 686| 864 | 25.76| 686 | 1778| 35  | 864 | 70  | 6   | 6   | 6   | 75  | 152 | 8   | 152 | 10  | 152 | 254 | 2014| 96 | 38 | 45.88| 1165| 3 | 12 | (305)| (387)| (716)| (533)| 21 | 21 |
| 404ST       | 27 | 686| 864 | 25.76| 686 | 1778| 35  | 864 | 70  | 6   | 6   | 6   | 75  | 152 | 8   | 152 | 10  | 152 | 254 | 2014| 96 | 38 | 45.88| 1165| 3 | 12 | (305)| (387)| (716)| (533)| 21 | 21 |
| 46T         | 27 | 686| 864 | 25.76| 686 | 1778| 35  | 864 | 70  | 6   | 6   | 6   | 75  | 152 | 8   | 152 | 10  | 152 | 254 | 2014| 96 | 38 | 45.88| 1165| 3 | 12 | (305)| (387)| (716)| (533)| 21 | 21 |
| 46TS        | 27 | 686| 864 | 25.76| 686 | 1778| 35  | 864 | 70  | 6   | 6   | 6   | 75  | 152 | 8   | 152 | 10  | 152 | 254 | 2014| 96 | 38 | 45.88| 1165| 3 | 12 | (305)| (387)| (716)| (533)| 21 | 21 |
| 44TT        | 27 | 686| 864 | 25.76| 686 | 1778| 35  | 864 | 70  | 6   | 6   | 6   | 75  | 152 | 8   | 152 | 10  | 152 | 254 | 2014| 96 | 38 | 45.88| 1165| 3 | 12 | (305)| (387)| (716)| (533)| 21 | 21 |
| 44T         | 27 | 686| 864 | 25.76| 686 | 1778| 35  | 864 | 70  | 6   | 6   | 6   | 75  | 152 | 8   | 152 | 10  | 152 | 254 | 2014| 96 | 38 | 45.88| 1165| 3 | 12 | (305)| (387)| (716)| (533)| 21 | 21 |
| 44TS        | 27 | 686| 864 | 25.76| 686 | 1778| 35  | 864 | 70  | 6   | 6   | 6   | 75  | 152 | 8   | 152 | 10  | 152 | 254 | 2014| 96 | 38 | 45.88| 1165| 3 | 12 | (305)| (387)| (716)| (533)| 21 | 21 |
| 447T        | 27 | 686| 90  | 2286| 686 | 1981| 35  | 686 | 78  | 6   | 6   | 75  | 152 | 1257| 896 | 152 | 2286| 10  | 2286| 254 | 2916| 76 | 38 | 45.88| 1165| 4 | 12 | (305)| (387)| (716)| (533)| 21 | 21 |
| 447TS       | 27 | 686| 90  | 2286| 686 | 1981| 35  | 686 | 78  | 6   | 6   | 75  | 152 | 1257| 896 | 152 | 2286| 10  | 2286| 254 | 2916| 76 | 38 | 45.88| 1165| 4 | 12 | (305)| (387)| (716)| (533)| 21 | 21 |

*Motor dimensions are approximate, vary by manufacturer and motor type.
Dimensions are subject to change. Not to be used for construction purposes unless certified.
12X8X22L
Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

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- STANDARD: 300 PSIG (21 Bar) working pressure, **125/***250# ANSI Flanges
- OPTIONAL: 400 PSIG (27 Bar) working pressure, ***250# ANSI Flanges
- STANDARD: Crane Type 8 - 1, Viton/Carbon-Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220° F (-23 to 104 °C).
- OPTIONAL: Crane Type 8 - 1, Viton/Carbon-Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -10° to 220° F (-23 to 104 °C).
- OPTIONAL: Crane Type 8B - 1, Viton/Carbon-Ceramic, 200 psig (13 Bar) maximum suction pressure, from -10° to 220° F (-23 to 104 °C).
- OTHER: [ ]

MATERIALS OF CONSTRUCTION
- [ ] CAST IRON BRONZE FITTED
- [ ] FABRICATED HEAVY DUTY
- [ ] ANSI/OSHA COUPLING GUARD
- [ ] FLEXIBLE COUPLING
- [ ] SPACER COUPLING (OPTIONAL)
- [ ] GALVANIZED DRIP PAN (OPTIONAL)

[Graph and Diagram]
12X8X22L - Frames: 5807S TEFC-6809S WPI Series A-C 9100

Base Mounted - Double Suction Centrifugal Pumps

**SPECIFICATIONS:**

- **STANDARD:** 300 PSIG (21 Bar) working pressure, **125/***250# ANSI Flanges
- **OPTIONAL:** 400 PSIG (27 Bar) working pressure, ***250# ANSI Flanges

- **STANDARD:** Crane Type 8 - 1, Viton/Carbon-Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220° F (-23 to 104 °C).
- **OPTIONAL:** Crane Type 8 - 1, Viton/Carbon-Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -10° to 220° F (-23 to 104 °C).
- **OPTIONAL:** Crane Type 8B - 1, Viton/Carbon-Ceramic, 200 psig (13 Bar) maximum suction pressure, from -10° to 220° F (-23 to 104 °C).

**MATERIALS OF CONSTRUCTION:**

- **CAST IRON BRONZE FITTED**
- **FABRICATED HEAVY DUTY**
- **ANSI/OSHA COUPLING GUARD**
- **FLEXIBLE COUPLING**
- **SPACER COUPLING (OPTIONAL)**
- **GALVANIZED DRAIN PAN OPTIONAL**
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1. Motor dimensions are approximate, vary by manufacturer and motor type.
2. Dimensions are subject to change. Not to be used for construction purposes unless certified.

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14X10X20S - Frames: 284T-365TS
Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

**SPECIFICATIONS:**

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**MOTOR DATA:**
- HP
- VOLTS
- ENCL.
- HZ
- PHASE

**SPEC. CONSTR.:**

**APPROX. WEIGHT:**

**MATERIALS OF CONSTRUCTION:**
- CAST IRON BRONZE FITTED
- FABRICATED HEAVY DUTY
- OSHA COUPLING GUARD
- ALL METAL GEAR TYPE COUPLING
- GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)

**TYPE OF SEAL:**
- **STANDARD:** 175 PSIG (12 Bar) working pressure, **125# ANSI Flange Configuration**
- **OPTIONAL:** 300 PSIG (21 bar) working pressure, **250# ANSI Flange Configuration**
- **STANDARD:** Crane Type 8-1, Viton/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
- **OPTIONAL:** Crane Type 8-1, Viton/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
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- **OTHER:**

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**G&L Pumps**

PAGE 22
14X10X20S - Frames: 284T-365TS
Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS:

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ENCL. | HZ | PHASE
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MATERIALS OF CONSTRUCTION

- CAST IRON BRONZE FITTED
- FABRICATED HEAVY DUTY
- OSHA COUPLING GUARD
- ALL METAL GEAR TYPE COUPLING
- GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)

TYPE OF SEAL

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- OTHER:
DIMENSIONS - Inches (mm)

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*Motor dimensions are approximate, vary by manufacturer and motor type.
Dimensions are subject to change. Not to be used for construction purposes unless certified.
SERIES A-C 9100

14X10X20S - Frames: 404T-449TS
Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS:

- GPM
- FT.
- RPM
- MOTOR
- DATA:
- HP
- VOLTS
- ENCL.
- HZ
- PHASE
- SPEC.CONSTR.:
- APPROX.
- WEIGHT
- LBS.

MATERIALS OF CONSTRUCTION

- CAST IRON BRONZE FITTED
- FABRICATED HEAVY DUTY
- OSHA COUPLING GUARD
- ALL METAL GEAR TYPE COUPLING
- GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)

TYPE OF SEAL

- STANDARD: 175 PSIG (12 Bar) working pressure, **125# ANSI Flange Configuration
- OPTIONAL: 300 PSIG (21 bar) working pressure, ***250# ANSI Flange Configuration
- STANDARD: Crane Type 8-1, Viton/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
- OPTIONAL: Crane Type 8-1, Viton/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
- OPTIONAL: Crane Type 8B-1, Viton/Carbon-Ceramic, 200 PSIG (13 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
- OTHER:
14X10X20S - Frames: 404T-449TS
Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS:

- **GPM:**
- **FT:**
- **RPM:**
- **HP:**
- **VOLTS:**
- **ENCL:**
- **HZ:**
- **PHASE:**
- **SPEC.CONSTR.:**
- **APPROX.:**
- **WEIGHT:**
- **LBS.:**

MATERIALS OF CONSTRUCTION:
- CAST IRON BRONZE FITTED
- FABRICATED HEAVY DUTY
- OSHA COUPLING GUARD
- ALL METAL GEAR TYPE COUPLING
- GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)

TYPE OF SEAL:
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- OPTIONAL: Crane Type 8B-1, Viton/Carbon-Ceramic, 200 PSIG (13 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).

OTHER:
## DIMENSIONS - Inches (mm)

| MOTOR FRAME | HA | HB | 3HE | HF₁ | HF₂ | HG | HH | HP | HR | CP | HC* | HD | HM* | HO | HQ | S & Z | VH | VH₁ | W | X | YY |
|-------------|----|----|-----|-----|-----|----|----|----|----|----|----|----|----|----|------|----|------|---|---|---|
| 404T        | 27 | 82 | 26.76 | 35 | 35  | 6  | 6  | 6  | 6  | 7.75 | 1376 | 90 | 2311 | 28 | 711 | 38 | 965 | 13 | 330 | 14.75 | 375 | 21.75 | 30.5 | 19 | 21 |
| 404TS       | 27 | 82 | 26.76 | 35 | 35  | 6  | 6  | 6  | 6  | 7.75 | 1376 | 90 | 2363 | 28 | 711 | 38 | 965 | 13 | 330 | 14.75 | 375 | 21.75 | 30.5 | 19 | 21 |
| 405T        | 27 | 82 | 26.76 | 35 | 35  | 6  | 6  | 6  | 6  | 7.75 | 1376 | 90 | 2363 | 28 | 711 | 38 | 965 | 13 | 330 | 14.75 | 375 | 21.75 | 30.5 | 19 | 21 |
| 405TS       | 27 | 82 | 26.76 | 35 | 35  | 6  | 6  | 6  | 6  | 7.75 | 1376 | 90 | 2363 | 28 | 711 | 38 | 965 | 13 | 330 | 14.75 | 375 | 21.75 | 30.5 | 19 | 21 |
| 444T        | 27 | 82 | 26.76 | 35 | 35  | 6  | 6  | 6  | 6  | 7.75 | 1376 | 90 | 2413 | 28 | 711 | 40 | 1016 | 13 | 330 | 14.75 | 375 | 21.75 | 30.5 | 19 | 21 |
| 444TS       | 27 | 82 | 26.76 | 35 | 35  | 6  | 6  | 6  | 6  | 7.75 | 1376 | 90 | 2413 | 28 | 711 | 40 | 1016 | 13 | 330 | 14.75 | 375 | 21.75 | 30.5 | 19 | 21 |
| 445T        | 27 | 82 | 26.76 | 35 | 35  | 6  | 6  | 6  | 6  | 7.75 | 1376 | 90 | 2464 | 28 | 711 | 40 | 1016 | 13 | 330 | 14.75 | 375 | 21.75 | 30.5 | 19 | 21 |
| 445TS       | 27 | 82 | 26.76 | 35 | 35  | 6  | 6  | 6  | 6  | 7.75 | 1376 | 90 | 2464 | 28 | 711 | 40 | 1016 | 13 | 330 | 14.75 | 375 | 21.75 | 30.5 | 19 | 21 |
| 447T        | 27 | 90 | 25.76 | 35 | 78  | 6  | 6  | 6  | 6  | 7.75 | 1376 | 104 | 2642 | 28 | 711 | 40 | 1016 | 13 | 330 | 14.75 | 375 | 21.75 | 30.5 | 19 | 21 |
| 447TS       | 27 | 90 | 25.76 | 35 | 78  | 6  | 6  | 6  | 6  | 7.75 | 1376 | 104 | 2642 | 28 | 711 | 40 | 1016 | 13 | 330 | 14.75 | 375 | 21.75 | 30.5 | 19 | 21 |
| 449T        | 27 | 90 | 25.76 | 35 | 78  | 6  | 6  | 6  | 6  | 7.75 | 1376 | 105 | 2667 | 28 | 711 | 40 | 1016 | 13 | 330 | 14.75 | 375 | 21.75 | 30.5 | 19 | 21 |
| 449TS       | 27 | 90 | 25.76 | 35 | 78  | 6  | 6  | 6  | 6  | 7.75 | 1376 | 105 | 2667 | 28 | 711 | 40 | 1016 | 13 | 330 | 14.75 | 375 | 21.75 | 30.5 | 19 | 21 |

*Motor dimensions are approximate, vary by manufacturer and motor type.
Dimensions are subject to change. Not to be used for construction purposes unless certified.
### SPECIFICATIONS:

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<td><strong>WEIGHT</strong></td>
<td><strong>LBS.</strong></td>
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### MATERIALS OF CONSTRUCTION

- Cast Iron Bronze Fitted
- FabriCated Heavy Duty
- OSHA Coupling Guard
- All Metal Gear Type Coupling
- Galvanized Drip Pan Under Flanges (Optional)

### TYPE OF SEAL

- **STANDARD:** 175 PSIG (12 Bar) working pressure, **125# ANSI Flange Configuration**
- **OPTIONAL:** 300 PSIG (21 Bar) working pressure, **250# ANSI Flange Configuration**

- **STANDARD:** Crane Type 8-1, Viton/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10°F to 220°F (-23°C to 104°C).
- **OPTIONAL:** Crane Type 8-1, Viton/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -10°F to 220°F (-23°C to 104°C).
- **OPTIONAL:** Crane Type 8B-1, Viton/Carbon Ceramic, 200 PSIG (13 Bar) maximum suction pressure, from -10°F to 220°F (-23°C to 104°C).

### OTHER:

- **GPM:**
- **FT.:**
- **RPM:**
- **HP:**
- **VOLTS:**
- **ENCL.:**
- **HZ:**
- **PHASE:**

---

**14X10X20S - Frames: 5807S TEFC-5809S WPI**

**Series A-C 9100**

Base Mounted - Double Suction Centrifugal Pumps

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**G&L Pumps**

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*Page 28*
SERIES A-C 9100

14X10X20S - Frames: 5807S TEFC-5809S WPI
Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS:

- **MOTOR DATA:**
  - HP
  - VOLTS
  - ENCL.
  - HZ
  - PHASE

- **SPEC.CONSTR.:**
  - APPROX.
  - WEIGHT

- **MATERIALS OF CONSTRUCTION:**
  - CAST IRON BRONZE FITTED
  - FABRICATION HEAVY DUTY
  - OSHA COUPLING GUARD
  - ALL METAL GEAR TYPE COUPLING
  - GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)

- **TYPE OF SEAL:**
  - **STANDARD:** 175 PSIG (12 Bar) working pressure, **125# ANSI Flange Configuration**
  - 300 PSIG (21 bar) working pressure, **250# ANSI Flange Configuration**
  - **OPTIONAL:** Crane Type 8-1, Viton/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
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  - **OPTIONAL:** Crane Type 8B-1, Viton/Carbon-Ceramic, 200 PSIG (13 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).

- **OTHER:**

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G&L Pumps
DIMENSIONS - Inches (mm)

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14X10X20L - Frames: 284T-365TS
Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS:
- **TYPE OF SEAL**
  - **STANDARD:** 175 PSIG (12 Bar) working pressure, **125# ANSI Flange Configuration**
  - **OPTIONAL:** 300 PSIG (21 Bar) working pressure, **250# ANSI Flange Configuration**
  - **OPTIONAL:** Crane Type 8-1, Viton/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
  - **OPTIONAL:** Crane Type 8-1, Viton/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
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  - **OTHER:**

**MATERIALS OF CONSTRUCTION**
- CAST IRON BRONZE FITTED
- FABRICATED HEAVY DUTY
- OSHA COUPLING GUARD
- ALL METAL GEAR TYPE COUPLING
- GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)
14X10X20L - Frames: 284T-365TS
Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

**SPECIFICATIONS:**

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**MATERIALS OF CONSTRUCTION:**

- [ ] CAST IRON BRONZE FITTED
- [ ] FABRICATED HEAVY DUTY
- [ ] OSHA COUPLING GUARD
- [ ] ALL METAL GEAR TYPE COUPLING
- [ ] GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)

**TYPE OF SEAL:**

- [ ] STANDARD: 175 PSIG (12 Bar) working pressure, **125# ANSI Flange Configuration**
- [ ] OPTIONAL: 300 PSIG (21 Bar) working pressure, ***250# ANSI Flange Configuration**
- [ ] STANDARD: Crane Type 8-1, Viton/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
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- [ ] OTHER: 

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**G&L Pumps**

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Dimensions are subject to change. Not to be used for construction purposes unless certified.

**FLANGE DIMENSIONS**

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14X10X20L - Frames: 404T-449TS
Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS:

- GPM
- FT.
- RPM
- HP
- VOLTS
- ENCL.
- HZ
- PHASE
- SPEC. CONSTR.
- APPROX.
- WEIGHT
- LBS.

MATERIALS OF CONSTRUCTION:
- CAST IRON BRONZE FITTED
- FABRICATED HEAVY DUTY
- OSHA COUPLING GUARD
- ALL METAL GEAR TYPE COUPLING
- GALVANIZED Drip PAN UNDER FLANGES (OPTIONAL)

TYPE OF SEAL:
- STANDARD: 175 PSIG (12 Bar) working pressure, **125# ANSI Flange Configuration
- OPTIONAL: 300 PSIG (21 bar) working pressure, ***250# ANSI Flange Configuration
- STANDARD: Crane Type 8-1, Viton/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
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- OTHER:
**14X10X20L - Frames: 404T-449TS**

**Series A-C 9100**

Base Mounted - Double Suction Centrifugal Pumps

**SPECIFICATIONS:**
- **GPM**
- **FT.**
- **RPM**
- **HP**
- **VOLTS**
- **ENCL.**
- **HZ**
- **PHASE**
- **APPROX. WEIGHT**
- **LBS.**

**MATERIALS OF CONSTRUCTION**
- CAST IRON BRONZE FITTED
- FABRICATED HEAVY DUTY
- OSHA COUPLING GUARD
- ALL METAL GEAR TYPE COUPLING
- GALVANIZED DRIP PAN UNDER FLANGES

**TYPE OF SEAL**
- **STANDARD:** 175 PSIG (12 Bar) working pressure, **125# ANSI Flange Configuration**
- **OPTIONAL:** 300 PSIG (21 bar) working pressure, **250# ANSI Flange Configuration**
- **STANDARD:** Crane Type 8-1, Viton/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
- **OPTIONAL:** Crane Type 8-1, Viton/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
- **OPTIONAL:** Crane Type 8B-1, Viton/Carbon-Ceramic, 200 PSIG (13 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
- **OTHER:**

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**G&L Pumps**

**SERIES A-C 9100**

**PAGE 35**
## SERIES A-C 9100

### Series A-C 9100 14X10X20L Centrifugal Pump Submittal

**AC-545.17**

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### Dimensions - Inches (mm)

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Motor dimensions are approximate, vary by manufacturer and motor type.

Dimensions are subject to change. Not to be used for construction purposes unless certified.

Motors above 5,000 lbs. are shipped loose.

As a reference, @460 volts, verify weights of 2-pole 450HP, 4-pole 600HP, and 6-pole 500HP.
14X10X20L - Frames: 5807S TEFC-6809S WPI Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS:

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MATERIALS OF CONSTRUCTION
- CAST IRON BRONZE FITTED
- CAST IRON BRONZE FITTED
- FABRICATED HEAVY DUTY
- OSHA COUPLING GUARD
- ALL METAL GEAR TYPE COUPLING
- GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)

TYPE OF SEAL
- STANDARD: 175 PSIG (12 Bar) working pressure, **125# ANSI Flange Configuration
- OPTIONAL: 300 PSIG (21 bar) working pressure, ***250# ANSI Flange Configuration

- STANDARD: Crane Type 8-1, Viton/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10°F to 220°F (-23 °C to 104 °C).
- OPTIONAL: Crane Type 8-1, Viton/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -10°F to 220°F (-23 °C to 104 °C).
- OPTIONAL: Crane Type 8B-1, Viton/Carbon-Ceramic, 200 PSIG (13 Bar) maximum suction pressure, from -10°F to 220°F (-23 °C to 104 °C).
- OTHER:
SERIES A-C 9100

14X10X20L - Frames: 5807S TEFC-6809S WPI Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS:

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MOTOR DATA:

- HP
- VOLTS
- ENCL
- HZ
- PHASE

SPEC.CONSTR.: APPROX.

WEIGHT

MATERIALS OF CONSTRUCTION:

- CAST IRON BRONZE FITTED
- FABRICATED HEAVY DUTY
- OSHA COUPLING GUARD
- ALL METAL GEAR TYPE COUPLING
- GALVANIZED DRIP PAN UNDER FLANGES

OTHER:

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- OTHER:
SERIES A-C 9100

14X10X20L - Frames: 5807S TEFC-6809S WPI
Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS:

- **GPM**
- **FT.**
- **RPM**
- **HP**
- **VOLTS**
- **ENCL.**
- **HZ**
- **PHASE**

**MATERIALS OF CONSTRUCTION**
- CAST IRON BRONZE FITTED
- FABRICATED HEAVY DUTY
- OSHA COUPLING GUARD
- ALL METAL GEAR TYPE COUPLING
- GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)

**TYPE OF SEAL**
- **STANDARD**: 175 PSIG (12 Bar) working pressure, **125# ANSI Flange Configuration**
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- **OTHER**:
### SERIES A-C 9100

**Series A-C 9100 14X10X20L Centrifugal Pump Submittal**

**AC-545.18A**

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#### DIMENSIONS - Inches (mm)

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*Motor dimensions are approximate, vary by manufacturer and motor type.

Dimensions are subject to change. Not to be used for construction purposes unless certified.
16X12X23 - Frames: 284T-365TS
Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

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MATERIALS OF CONSTRUCTION
- CAST IRON BRONZE FITTED
- FABRICATED HEAVY DUTY
- OSHA COUPLING GUARD
- ALL METAL GEAR TYPE COUPLING
- GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)

TYPE OF SEAL
- STANDARD: 175 PSIG (12 Bar) working pressure, **125# ANSI Flange Configuration
- OPTIONAL: 300 PSIG (21 bar) working pressure, ***250# ANSI Flange Configuration
- STANDARD: Crane Type 8-1, Viton/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23°C to 104°C).
- OPTIONAL: Crane Type 8-1, Viton/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23°C to 104°C).
- OPTIONAL: Crane Type 8B-1, Viton/Carbon-Ceramic, 200 PSIG (13 Bar) maximum suction pressure, from -10° to 220°F (-23°C to 104°C).
- OTHER: 
16X12X23 - Frames: 284T-365TS

Series A-C 9100

Base Mounted - Double Suction Centrifugal Pumps

Specifications:

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Spec Constr.:

Approx.

Weight

LBS.

Materials of Construction:

- Cast Iron Bronze Fitted
- Fabricated Heavy Duty
- OSHA Coupling Guard
- All Metal Gear Type Coupling
- Galvanized Drip Pan Under Flanges (Optional)

Type of Seal:

- Standard: 175 PSIG (12 Bar) working pressure, **125# ANSI Flange Configuration
- Optional: 300 PSIG (21 Bar) working pressure, ***250# ANSI Flange Configuration

- Standard: Crane Type 8-1, Viton/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10°C to 220°F (-12°C to 104°C).
- Optional: Crane Type 8-1, Viton/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -10°C to 220°F (-12°C to 104°C).
- Optional: Crane Type 8B-1, Viton/Carbon-Ceramic, 200 PSIG (13 Bar) maximum suction pressure, from -10°C to 220°F (-12°C to 104°C).

Other:
## SPECIFICATIONS:

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| SPEC. CONSTR.: |
| APPROX. WEIGHT |
| LBS. |
|     |

### MATERIALS OF CONSTRUCTION
- CAST IRON BRONZE FITTED
- FABRICATED HEAVY DUTY
- OSHA COUPLING GUARD
- ALL METAL GEAR TYPE COUPLING
- GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)

### TYPE OF SEAL
- **STANDARD:** 175 PSIG (12 Bar) working pressure, **125# ANSI Flange Configuration**
- **OPTIONAL:** 300 PSIG (21 bar) working pressure, **250# ANSI Flange Configuration**

- **STANDARD:** Crane Type 8-1, Viton/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
- **OPTIONAL:** Crane Type 8-1, Viton/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
- **OPTIONAL:** Crane Type 8B-1, Viton/Carbon-Ceramic, 200 PSIG (13 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
- **OTHER:**
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¹Motor dimensions are approximate, vary by manufacturer and motor type.

Dimensions are subject to change. Not to be used for construction purposes unless certified.
16X12X23 - Frames: 404T-449TS
Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS:

GPM FT. RPM

MOTOR DATA: HP VOLTS
ENCL. HZ PHASE

SPEC.CONSTR.: APPROX. WEIGHT

MATERIALS OF CONSTRUCTION
☑ CAST IRON BRONZE FITTED
☑ FABRICATED HEAVY DUTY
☑ OSHA COUPLING GUARD
☑ ALL METAL GEAR TYPE COUPLING
☑ GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)

TYPE OF SEAL

☑ STANDARD: 175 PSIG (12 Bar) working pressure, **125# ANSI Flange Configuration

☑ OPTIONAL: 300 PSIG (21 bar) working pressure, ***250# ANSI Flange Configuration

☑ STANDARD: Crane Type 8-1, Viton/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).

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☑ OTHER:
16X12X23 - Frames: 404T-449TS  
Series A-C 9100  
Base Mounted - Double Suction Centrifugal Pumps

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ENCL. HZ PHASE

SPEC.CONSTR. APPROX. WEIGHT

LBS.

MATERIALS OF CONSTRUCTION

- CAST IRON BRONZE FITTED
- FABRICATED HEAVY DUTY
- OSHA COUPLING GUARD
- ALL METAL GEAR TYPE COUPLING
- GALVANIZED Drip Pan UNDER FLANGES (OPTIONAL)

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16X12X23 - Frames: 404T-449TS
Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

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- OTHER:______________
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*Motor dimensions are approximate, vary by manufacturer and motor type.
Dimensions are subject to change. Not to be used for construction purposes unless certified.
16X12X23 - Frames: 5807S TEFC-5811MS WPI
Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS:
GPM FT. RPM

MOTOR DATA: HP VOLTS

ENCL. HZ PHASE

SPEC.CONSTR.: APPROX. WEIGHT

MATERIALS OF CONSTRUCTION
- CAST IRON BRONZE FITTED
- FABRICATED HEAVY DUTY
- OSHA COUPLING GUARD
- ALL METAL GEAR TYPE COUPLING
- GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)

TYPE OF SEAL
- STANDARD: 175 PSIG (12 Bar) working pressure, **125# ANSI Flange Configuration
- OPTIONAL: 300 PSIG (21 bar) working pressure, ***250# ANSI Flange Configuration
- STANDARD: Crane Type 8-1, Viton/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
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- OTHER:
16X12X23 - Frames: 5807S TEFC-5811MS WPI
Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

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SPEC. CONSTR.:

APPROX. WEIGHT

LBS.

MATERIALS OF CONSTRUCTION

- CAST IRON BRONZE FITTED
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- OSHA COUPLING GUARD
- ALL METAL GEAR TYPE COUPLING
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- OTHER:

OTHER:
16X12X23 - Frames: 5807S TEFC-5811MS WPI Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

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OTHER:

MATERIALS OF CONSTRUCTION

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- FABRICATED HEAVY DUTY
- OSHA COUPLING GUARD
- ALL METAL GEAR TYPE COUPLING
- GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)
**DIMENSIONS - Inches (mm)**

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16X14x17 - Frames: 324T-365TS
Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS:

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MOTOR DATA:

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SPEC.CONSTR.:

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MATERIALS OF CONSTRUCTION

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- FABRICATED HEAVY DUTY
- OSHA COUPLING GUARD
- ALL METAL GEAR TYPE COUPLING
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TYPE OF SEAL

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- **OTHER:**
16X14x17 - Frames: 324T-365TS
Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS:

GPM FT RPM

MOTOR DATA: HP VOLTS

ENCL. HZ PHASE

SPEC. CONSTR.: APPROX. WEIGHT

MATERIALS OF CONSTRUCTION
☒ CAST IRON BRONZE FITTED
☒ FABRICATED HEAVY DUTY
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OTHER:
SERIES A-C 9100

16X14x17 - Frames: 324T-365TS
Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS:
- GPM
- FT.
- RPM
- HP
- VOLTS
- ENCL
- HZ
- PHASE
- SPEC.CONSTR.
- APPROX. WEIGHT
- LBS.

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- OTHER:

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SUBMITTAL
AC-545.22A

PAGE 55
### Flange Dimensions in Inches (MM)

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### Dimensions - Inches (mm)

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Motor Dimensions are approximate and vary by manufacturer and motor type.
Motors above 5,000 lbs. are shipped loose.
As a reference, 9-460 volts, verify weights of 2-pole 450HP, 4-pole 600HP, and 6-pole 500HP.
16X14x17 - Frames: 404T-449TS
Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

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MATERIALS OF CONSTRUCTION

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- OSHA COUPLING GUARD
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- STANDARD: 175 PSIG (12 Bar) working pressure, **125# ANSI Flange Configuration
- OPTIONAL: 300 PSIG (21 bar) working pressure, ***250# ANSI Flange Configuration
- STANDARD: Crane Type 8-1, Viton/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
- OPTIONAL: Crane Type 8-1, Viton/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
- OPTIONAL: Crane Type 8B-1, Viton/Carbon Ceramic, 200 PSIG (13 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
- OTHER: ___________________________
16X14x17 - Frames: 404T-449TS
Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS:
- GPM
- FT.
- RPM
- HP
- VOLTS
- SPEC. CONSTR.
- APPROX.
- WEIGHT
- ENCL.
- HZ
- PHASE

MATERIALS OF CONSTRUCTION:
- CAST IRON BRONZE FITTED
- FABRICATED HEAVY DUTY
- OSHA COUPLING GUARD
- ALL METAL GEAR TYPE COUPLING
- GALVANIZED Drip PAN UNDER FLANGES (OPTIONAL)

TYPE OF SEAL:
- STANDARD: 175 PSIG (12 Bar) working pressure, **125# ANSI Flange Configuration
- STANDARD: Crane Type 8-1, Viton/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10°C to 220°F (-14°C to 104°C).
- STANDARD: Crane Type 8B-1, Viton/Carbon-Ceramic, 200 PSIG (13 Bar) maximum suction pressure, from -10°C to 220°F (-14°C to 104°C).

OTHER:
- MATERIALS OF CONSTRUCTION
- CAST IRON BRONZE FITTED
- FABRICATED HEAVY DUTY
- OSHA COUPLING GUARD
- ALL METAL GEAR TYPE COUPLING
- GALVANIZED Drip PAN UNDER FLANGES (OPTIONAL)
16X14x17 - Frames: 404T-449TS
Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

**SPECIFICATIONS:**

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**TYPE OF SEAL:**

- STANDARD: 175 PSI (12 Bar) working pressure, **125# ANSI Flange Configuration**
- OPTIONAL: 300 PSI (21 Bar) working pressure, ***250# ANSI Flange Configuration**

- STANDARD: Crane Type 8-1, Viton/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
- OPTIONAL: Crane Type 8-1, Viton/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
- OPTIONAL: Crane Type 8B-1, Viton/Carbon-Ceramic, 200 PSI (13 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
- OTHER: 

**MATERIALS OF CONSTRUCTION**

- CAST IRON BRONZE FITTED
- FABRICATED HEAVY DUTY
- OSHA COUPLING GUARD
- ALL METAL GEAR TYPE COUPLING
- GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)
## FLANGE DIMENSIONS IN INCHES (MM)

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*Motor dimensions are approximate, vary by manufacturer and motor type.

Dimensions are subject to change. Not to be used for construction purposes unless certified.
### 16X14x17 - Frames: 5807S TEFC-6809S WPI

**Series A-C 9100**

**Base Mounted - Double Suction Centrifugal Pumps**

### SPECIFICATIONS:
- **GPM**
- **FT.**
- **RPM**

### MOTOR DATA:
- **HP**
- **VOLTS**
- **ENCL.**
- **HZ**
- **PHASE**

### SPEC. CONSTR.:
- **APPROX.**
- **WEIGHT**
- **LBS.**

### MATERIALS OF CONSTRUCTION:
- Cast Iron Bronze Fitted
- Fabricated Heavy Duty
- OSHA Coupling Guard
- All Metal Gear Type Coupling
- Galvanized Drip Pan Under Flanges (Optional)

### TYPE OF SEAL:
- **STANDARD:** 175 PSIG (12 Bar) working pressure, **125# ANSI Flange Configuration**
- **OPTIONAL:** 300 PSIG (21 bar) working pressure, **250# ANSI Flange Configuration**
- **STANDARD:** Crane Type 8-1, Viton/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
- **OPTIONAL:** Crane Type 8-1, Viton/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
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**PAGE 61**
## SPECIFICATIONS:

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**MOTOR DATA:**

- **HP**: 
- **VOLTS**: 
- **ENCL.**: 
- **HZ**: 
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**SPEC.CONSTR.**:

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**MATERIALS OF CONSTRUCTION**

- [ ] CAST IRON BRONZE FITTED
- [ ] FABRICATED HEAVY DUTY
- [ ] OSHA COUPLING GUARD
- [ ] ALL METAL GEAR TYPE COUPLING
- [ ] GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)

### TYPE OF SEAL

- **STANDARD:** 175 PSIG (12 Bar) working pressure, **125# ANSI Flange Configuration**
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- **OPTIONAL:** Crane Type 8B-1, Viton/Carbon-Ceramic, 200 PSIG (13 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
- **OTHER:**

---

### GRAPHS

**Graph 1:**

- **TOTAL HEAD (M (Ft))**
- **FLOW (M³/H)**

**Graph 2:**

- **NOTE:** 1:4 Pr shaft material is standard at this speed.
16X14x17 - Frames: 5807S TEFC-6809S WPI
Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS:

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ENCL. | HZ | PHASE
|-----|----|-----|

SPEC.CONSTR. | APPROX. | WEIGHT | LBS.
|---------------|---------|--------|-------|

MATERIALS OF CONSTRUCTION
- CAST IRON BRONZE FITTED
- FABRICATED HEAVY DUTY
- OSHA COUPLING GUARD
- ALL METAL GEAR TYPE COUPLING
- GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)

TYPE OF SEAL

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- OTHER: ________________________________

G&L Pumps
SERIES A-C 9100
### FLANGE DIMENSIONS IN INCHES (MM)

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*Motor dimensions are approximate, vary by manufacturer and motor type. Dimensions are subject to change. Not to be used for construction purposes unless certified. Motors above 5,000 lbs are shipped loose.
### 18X14x23 - Frames: 404T-449TS

**Series A-C 9100**

**Base Mounted - Double Suction Centrifugal Pumps**

**Specifications:**

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<th>PHASE</th>
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**Specifications:**

- **Type of Seal**
  - **Standard:** 175 PSIG (12 Bar) working pressure, **125# ANSI Flange Configuration**
  - **Optional:** 300 PSIG (21 bar) working pressure, ***250# ANSI Flange Configuration**
  - **Standard:** Crane Type 8-1, Viton/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
  - **Optional:** Crane Type 8-1, Viton/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
  - **Optional:** Crane Type 8B-1, Viton/Carbon - Ceramic, 200 PSIG (13 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
  - **Other:**

**Materials of Construction**

- Cast Iron Bronze Fitted
- Fabricated Heavy Duty
- OSHA Coupling Guard
- All Metal Gear Type Coupling
- Galvanized Drip Pan Under Flanges (Optional)

---

**Diagram:**

[Graph showing performance data for the pump series A-C 9100.]
18X14x23 - Frames: 404T-449TS
Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS:
- GPM
- FT.
- RPM

MOTOR DATA:
- HP
- VOLTS
- ENCL.
- HZ
- PHASE

SPEC. CONSTR.:
- APPROX. WEIGHT
- LBS.

MATERIALS OF CONSTRUCTION
- CAST IRON BRONZE FITTED
- FABRICATED HEAVY DUTY
- OSHA COUPLING GUARD
- ALL METAL GEAR TYPE COUPLING
- GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)

TYPE OF SEAL
- STANDARD: 175 PSI (12 Bar) working pressure, **125# ANSI Flange Configuration
- OPTIONAL: 300 PSI (21 Bar) working pressure, ***250# ANSI Flange Configuration

- STANDARD: Crane Type 8-1, Viton/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
- OPTIONAL: Crane Type 8-1, Viton/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -15° to 220°F (-23 °C to 104 °C).
- OPTIONAL: Crane Type 8B-1, Viton/Carbon-Ceramic, 200 PSI (13 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
- OTHER:
### FLANGE DIMENSIONS IN INCHES (MM)

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### DIMENSIONS - Inches (mm)

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Dimensions are subject to change. Not to be used for construction purposes unless certified.

*Motor Dimensions are approximate and vary by manufacturer and motor type. Motors above 5,000 lbs. are shipped loose.

As a reference, 3-460 volts, verify weights of 2-pole 450HP, 4-pole 600HP, and 6-pole 500HP.
SERIES A-C 9100

18X14X23 - Frames: 5807S TEFC-6809S WPI
Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS:

- Type of Seal:
  - Standard: 175 PSIG (12 Bar) working pressure, **125# ANSI Flange Configuration
  - Optional: 300 PSIG (21 bar) working pressure, ***250# ANSI Flange Configuration

- Motor Data:
  - Spec.Constr.: Crane Type 8-1, Viton/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure,
    from -10° to 220°F (-23 °C to 104 °C).
  - Optional: Crane Type 8-1, Viton/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure,
    from -10° to 220°F (-23 °C to 104 °C).
  - Optional: Crane Type 8B-1, Viton/Carbon-Ceramic, 200 PSIG (13 Bar) maximum suction pressure,
    from -10° to 220°F (-23 °C to 104 °C).

- Other:

MATERIALS OF CONSTRUCTION:
- Cast Iron Bronze Fitted
- Fabricated Heavy Duty
- OSHA Coupling Guard
- All Metal Gear Type Coupling
- Galvanized Drip Pan Under Flanges (Optional)

---

G&L Pumps
SERIES A-C 9100

18X14X23 - Frames: 5807S TEFC-6809S WPI
Series A-C 9100
Base Mounted - Double Suction Centrifugal Pumps

SPECIFICATIONS:

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SPECIFICATIONS:

- STANDARD: 175 PSIG (12 Bar) working pressure, **125# ANSI Flange Configuration
- OPTIONAL: 300 PSIG (21 bar) working pressure, ***250# ANSI Flange Configuration
- STANDARD: Crane Type 8-1, Viton/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
- OPTIONAL: Crane Type 8-1, Viton/Carbon Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
- OPTIONAL: Crane Type 8B-1, Viton/Carbon-Ceramic, 200 PSIG (13 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).
- OTHER:

- CAST IRON BRONZE FITTED
- FABRICATED HEAVY DUTY
- OSHA COUPLING GUARD
- ALL METAL GEAR TYPE COUPLING
- GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)
### Dimensions - Inches (mm)

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*Motor dimensions are approximate, vary by manufacturer and motor type.

Dimensions are subject to change. Not to be used for construction purposes unless certified.

Motors above 5000 lbs. are shipped loose.

As a reference, 0460 volts, verify weights of 2-pole 450HP, 4-pole 600HP, and 6-pole 500HP.