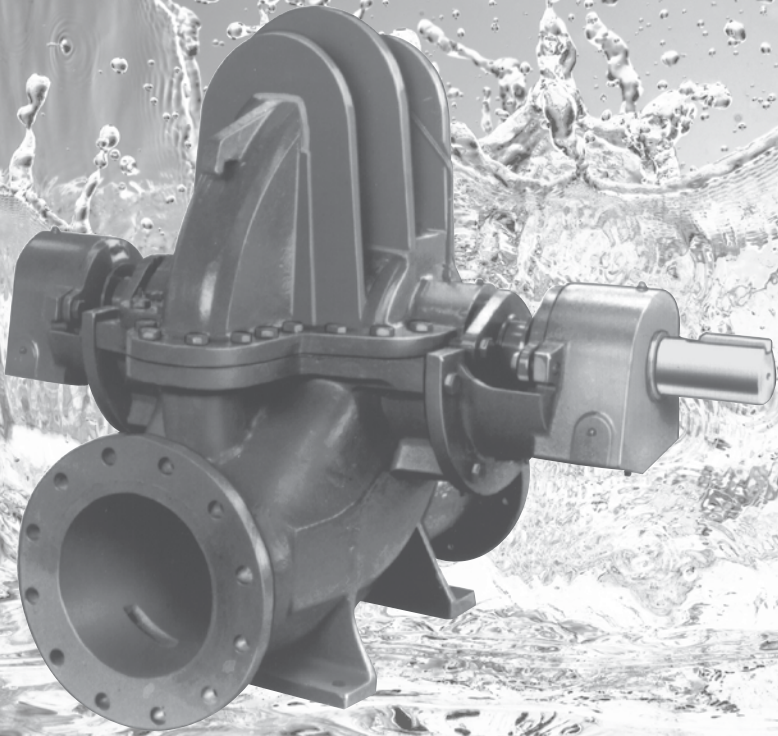


G&L Pumps

**SUBMITTALS BOOK**

AC9100SUB



# Series A-C 9100

SINGLE STAGE DOUBLE SUCTION LARGE SPLIT CASE

**xylem**  
Let's Solve Water



SERIES A-C 9100

Contents

Model 100, Pump End Only .....2

12 x 8 x 22M.....4

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14 x 10 x 20S .....22

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16 x 12 x 23 .....41

16 x 14 x 17 .....53

18 x 14 x 23 .....65

**SUBMITTAL**

**AC-545B**

|             |               |                 |  |
|-------------|---------------|-----------------|--|
| JOB:        |               | REPRESENTATIVE: |  |
| UNIT TAG:   | ORDER NO.     | DATE:           |  |
| ENGINEER:   | SUBMITTED BY: | DATE:           |  |
| CONTRACTOR: | APPROVED BY:  | DATE:           |  |



## Series A-C 9100

### Model 100, Pump End Only

Double Suction with Mechanical Seals

#### SPECIFICATIONS

FLOW \_\_\_\_\_ HEAD \_\_\_\_\_  
 HP \_\_\_\_\_ RPM \_\_\_\_\_  
 APPROX. WEIGHT \_\_\_\_\_  
 SPECIALS \_\_\_\_\_

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

#### TYPE OF SEAL

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

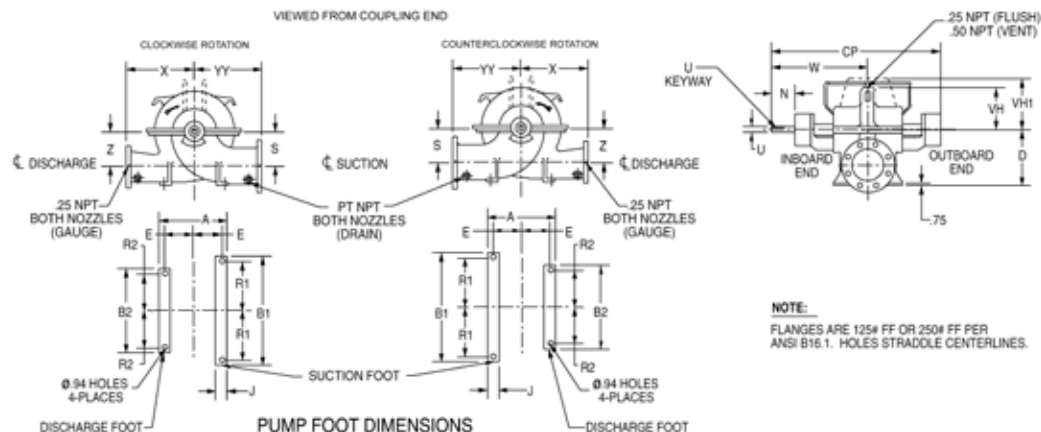
- ☐ **STANDARD:** 300 PSIG (21 Bar) working pressure, 125 / 250# ANSI Flanges
- ☐ **OPTIONAL:** 400 PSIG (27 Bar) working pressure, 250# ANSI Flanges
- ☐ **STANDARD:** Crane Type 8 - 1, Viton/Carbon-Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10Â° to 220Â°F (-23 to 104 Â°C).
- ☐ **OPTIONAL:**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



## SERIES A-C 9100

### Series A-C 9100 Model 100, Pump End Only Submittal

AC-545B



#### DIMENSIONS - Inches (mm)

| PUMP SIZE | DISCH          | SUCT           | A              | B <sub>1</sub> | B <sub>2</sub> | E              | R <sub>1</sub> | R <sub>2</sub> | CP              | D              | N             | S & Z          | VH             | VH <sub>1</sub> | W              | X              | YY             |
|-----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|----------------|---------------|----------------|----------------|-----------------|----------------|----------------|----------------|
| **12X8X22 | 8.00<br>(203)  | 12.00<br>(305) | 24.00<br>(610) | 18.00<br>(457) | 12.00<br>(305) | 11.00<br>(280) | 8.00<br>(203)  | 5.00<br>(127)  | 50.00<br>(1270) | 19.00<br>(483) | 6.81<br>(173) | 12.00<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21.00<br>(533) | 21.00<br>(533) |
| 14X10X20  | 10.00<br>(254) | 14.00<br>(356) | 24.00<br>(610) | 24.00<br>(610) | 16.00<br>(406) | 11.00<br>(280) | 11.00<br>(280) | 7.00<br>(178)  | 54.25<br>(1378) | 21.00<br>(533) | 6.75<br>(171) | 13.00<br>(330) | 14.79<br>(376) | 21.75<br>(553)  | 30.50<br>(775) | 19.00<br>(483) | 21.00<br>(533) |
| 16X12X23  | 12.00<br>(305) | 16.00<br>(406) | 24.00<br>(610) | 24.00<br>(610) | 16.00<br>(406) | 11.00<br>(280) | 11.00<br>(280) | 7.00<br>(178)  | 54.25<br>(1378) | 23.00<br>(584) | 6.75<br>(171) | 14.00<br>(356) | 17.70<br>(450) | 25.88<br>(657)  | 30.50<br>(775) | 25.00<br>(635) | 25.00<br>(635) |
| 16X14X17  | 14.00<br>(356) | 16.00<br>(406) | 24.00<br>(610) | 24.00<br>(610) | 16.00<br>(406) | 11.00<br>(280) | 11.00<br>(280) | 7.00<br>(178)  | 54.25<br>(1378) | 23.50<br>(597) | 6.75<br>(171) | 14.00<br>(356) | 16.25<br>(413) | 23.00<br>(584)  | 30.50<br>(775) | 18.00<br>(457) | 24.00<br>(610) |
| 18X14X23  | 14.00<br>(356) | 18.00<br>(457) | 28.00<br>(711) | 26.00<br>(660) | 18.00<br>(457) | 13.00<br>(330) | 12.00<br>(305) | 8.00<br>(203)  | 56.31<br>(1430) | 24.00<br>(610) | 6.81<br>(173) | 14.00<br>(356) | 18.00<br>(457) | 23.62<br>(600)  | 31.56<br>(802) | 27.00<br>(686) | 27.00<br>(686) |

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.

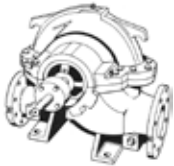
\*\* STANDARD FLANGES ARE 125 #FF SUCTION AND 250 #FF DISCHARGE FOR THIS PUMP SIZE

## SERIES A-C 9100

**SUBMITTAL**

**AC-545.4A**

|                                                                                   |                                                                                                   |                                              |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>JOB:</b><br><br><br><b>UNIT TAG:</b><br><b>ENGINEER:</b><br><b>CONTRACTOR:</b> | <b>REPRESENTATIVE:</b><br><br><br><b>ORDER NO.</b><br><b>SUBMITTED BY:</b><br><b>APPROVED BY:</b> | <b>DATE:</b><br><b>DATE:</b><br><b>DATE:</b> |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|



## 12X8X22M Frames: 284T-365TS

### Series A-C 9100

#### Base Mounted - Double Suction Centrifugal Pumps

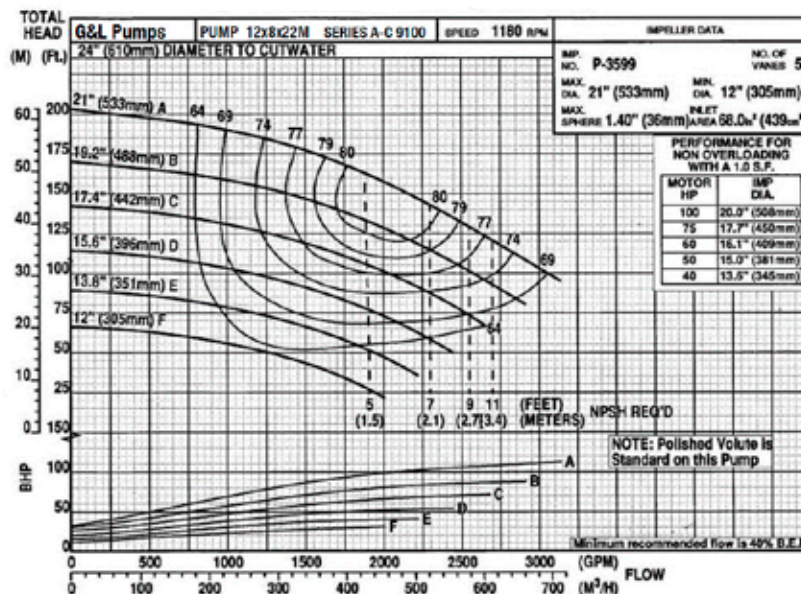
#### SPECIFICATIONS:

\_\_\_\_\_ GPM \_\_\_\_\_ FT. \_\_\_\_\_ RPM  
 MOTOR DATA: \_\_\_\_\_ HP \_\_\_\_\_ VOLTS  
 \_\_\_\_\_ ENCL. \_\_\_\_\_ HZ \_\_\_\_\_ PHASE  
 SPEC. CONSTR.: \_\_\_\_\_  
 APPROX. \_\_\_\_\_  
 WEIGHT \_\_\_\_\_ 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)

- ☐ **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:** \_\_\_\_\_

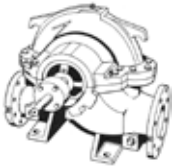


## SERIES A-C 9100

**SUBMITTAL**

**AC-545.4A**

|                                                                                   |                                                                                                   |                                              |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>JOB:</b><br><br><br><b>UNIT TAG:</b><br><b>ENGINEER:</b><br><b>CONTRACTOR:</b> | <b>REPRESENTATIVE:</b><br><br><br><b>ORDER NO.</b><br><b>SUBMITTED BY:</b><br><b>APPROVED BY:</b> | <b>DATE:</b><br><b>DATE:</b><br><b>DATE:</b> |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|



## 12X8X22M Frames: 284T-365TS

### Series A-C 9100

Base Mounted - Double Suction Centrifugal Pumps

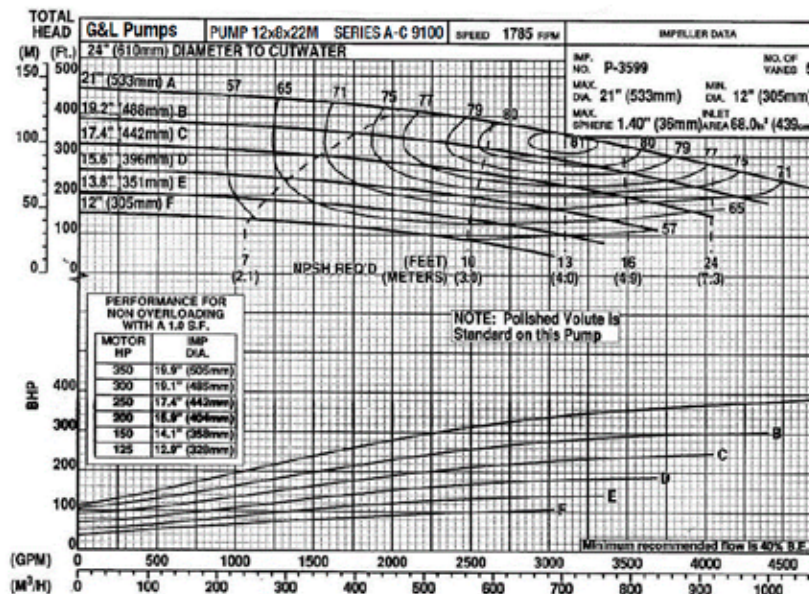
#### SPECIFICATIONS:

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

- ☐ **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

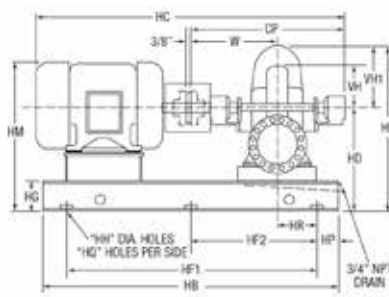
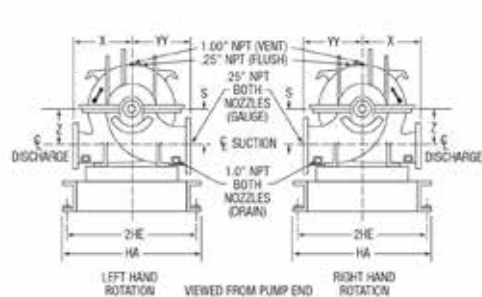
- ☒ CAST IRON BRONZE FITTED  
☒ FABRICATED HEAVY DUTY  
☒ OSHA COUPLING GUARD  
☒ ALL METAL GEAR TYPE COUPLING  
☐ GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)



## SERIES A-C 9100

## Series A-C 9100 12X8X22M Centrifugal Pump Submittal

AC-545.4A

FLANGE DIMENSIONS  
IN INCHES (MM)

| Discharge | Suction |
|-----------|---------|
| 12        | 8       |

\*\*Flange dimensions are in accordance with ANSI A21.10, ASME C110 & ANSI B16.1 class 125.  
\*\*\*Flange dimensions are in accordance with ANSI B16.1 class 250 except flanges are flat faced, i.e., FF.

## DIMENSIONS - Inches (mm)

| MOTOR FRAME | HA          | HB           | 2HE            | HF <sub>1</sub> | HF <sub>2</sub> | HG         | HH          | HP         | HR          | CP             | HC*          | HD          | HM*         | HO              | HQ | S & Z       | VH             | VH <sub>1</sub> | W              | X           | YY          |
|-------------|-------------|--------------|----------------|-----------------|-----------------|------------|-------------|------------|-------------|----------------|--------------|-------------|-------------|-----------------|----|-------------|----------------|-----------------|----------------|-------------|-------------|
| 284T        | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257) | 78<br>(1981) | 26<br>(660) | 32<br>(813) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 284TS       | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257) | 75<br>(1905) | 26<br>(660) | 32<br>(813) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 286T        | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257) | 78<br>(1981) | 26<br>(660) | 32<br>(813) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 286TS       | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257) | 76<br>(1930) | 26<br>(660) | 32<br>(813) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 324T        | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257) | 80<br>(2032) | 26<br>(660) | 34<br>(864) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 324TS       | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257) | 78<br>(1981) | 26<br>(660) | 34<br>(864) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 326T        | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257) | 81<br>(2057) | 26<br>(660) | 34<br>(864) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 326TS       | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257) | 80<br>(2032) | 26<br>(660) | 34<br>(864) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 364T        | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257) | 82<br>(2083) | 26<br>(660) | 35<br>(889) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 364TS       | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257) | 80<br>(2032) | 26<br>(660) | 35<br>(889) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 365T        | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257) | 83<br>(2108) | 26<br>(660) | 35<br>(889) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 365TS       | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257) | 81<br>(2057) | 26<br>(660) | 35<br>(889) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |

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

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

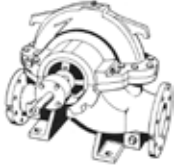


## SERIES A-C 9100

**SUBMITTAL**

**AC-545.5A**

|                                                                                   |                                                                                                   |                                              |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>JOB:</b><br><br><br><b>UNIT TAG:</b><br><b>ENGINEER:</b><br><b>CONTRACTOR:</b> | <b>REPRESENTATIVE:</b><br><br><br><b>ORDER NO.</b><br><b>SUBMITTED BY:</b><br><b>APPROVED BY:</b> | <b>DATE:</b><br><b>DATE:</b><br><b>DATE:</b> |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|



## 12X8X22M Frames: 404T-449TS

### Series A-C 9100

#### Base Mounted - Double Suction Centrifugal Pumps

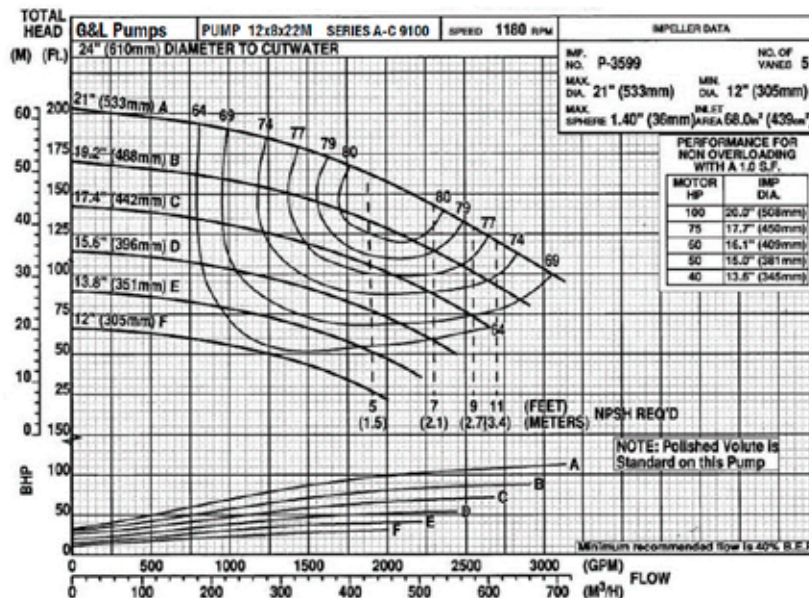
#### SPECIFICATIONS:

\_\_\_\_\_ 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)

- ☐ **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:** \_\_\_\_\_



## SERIES A-C 9100

**SUBMITTAL**

**AC-545.5A**

|                                                                                   |                                                                                                   |                                              |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>JOB:</b><br><br><br><b>UNIT TAG:</b><br><b>ENGINEER:</b><br><b>CONTRACTOR:</b> | <b>REPRESENTATIVE:</b><br><br><br><b>ORDER NO.</b><br><b>SUBMITTED BY:</b><br><b>APPROVED BY:</b> | <b>DATE:</b><br><b>DATE:</b><br><b>DATE:</b> |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|



## 12X8X22M Frames: 404T-449TS

### Series A-C 9100

Base Mounted - Double Suction Centrifugal Pumps

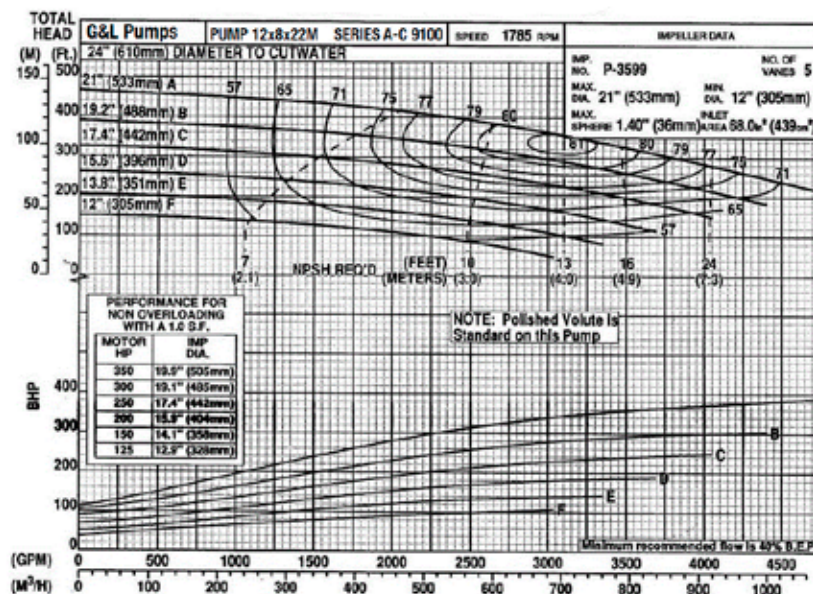
#### SPECIFICATIONS:

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

- ☐ **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)

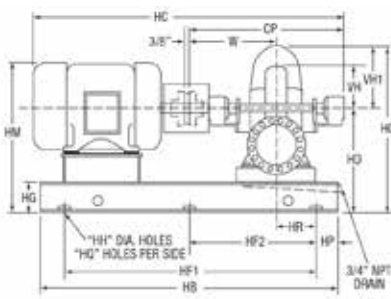
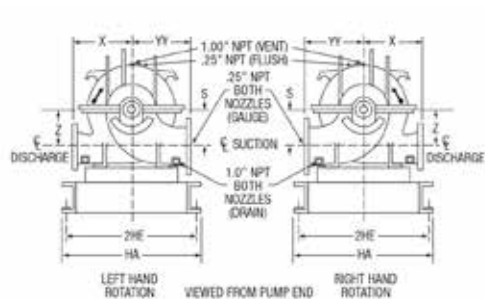




## SERIES A-C 9100

### Series A-C 9100 12X8X22M Centrifugal Pump Submittal

AC-545.5A



FLANGE DIMENSIONS  
IN INCHES (MM)

| Discharge | Suction |
|-----------|---------|
| 12        | 8       |

\*\*\*Flange dimensions are in accordance with ANSI A21.10, ASME C110 & ANSI B16.1 class 125.  
\*\*\*Flange dimensions are in accordance with ANSI B16.1 class 250 except flanges are flat faced, i.e., F.F.

### DIMENSIONS - Inches (mm)

| MOTOR FRAME | HA          | HB           | 2HE            | HF <sub>1</sub> | HF <sub>2</sub> | HG         | HH          | HP         | HR          | CP             | HC*           | HD          | HM*         | HO              | HQ | S & Z       | VH             | VH <sub>1</sub> | W              | X           | YY          |
|-------------|-------------|--------------|----------------|-----------------|-----------------|------------|-------------|------------|-------------|----------------|---------------|-------------|-------------|-----------------|----|-------------|----------------|-----------------|----------------|-------------|-------------|
| 404T        | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257) | 86<br>(2184)  | 26<br>(660) | 36<br>(914) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 404TS       | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257) | 85<br>(2159)  | 26<br>(660) | 36<br>(914) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 405T        | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257) | 88<br>(2235)  | 26<br>(660) | 36<br>(914) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 405TS       | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257) | 85<br>(2159)  | 26<br>(660) | 36<br>(914) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 444T        | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257) | 94<br>(2388)  | 26<br>(660) | 38<br>(965) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 444TS       | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257) | 90<br>(2286)  | 26<br>(660) | 38<br>(965) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 445T        | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257) | 96<br>(2438)  | 26<br>(660) | 38<br>(965) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 445TS       | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257) | 92<br>(2337)  | 26<br>(660) | 38<br>(965) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 447T        | 27<br>(686) | 90<br>(2286) | 25.76<br>(654) | 78<br>(1981)    | 26<br>(660)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257) | 99<br>(2515)  | 26<br>(660) | 38<br>(965) | 45.88<br>(1165) | 4  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 447TS       | 27<br>(686) | 90<br>(2286) | 25.76<br>(654) | 78<br>(1981)    | 26<br>(660)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257) | 95<br>(2413)  | 26<br>(660) | 38<br>(965) | 45.88<br>(1165) | 4  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 449T        | 27<br>(686) | 90<br>(2286) | 25.76<br>(654) | 78<br>(1981)    | 26<br>(660)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257) | 104<br>(2642) | 26<br>(660) | 38<br>(965) | 45.88<br>(1165) | 4  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 449TS       | 27<br>(686) | 90<br>(2286) | 25.76<br>(654) | 78<br>(1981)    | 26<br>(660)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257) | 101<br>(2565) | 26<br>(660) | 38<br>(965) | 45.88<br>(1165) | 4  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |

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

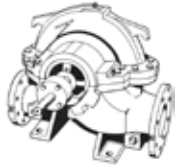
Dimensions are subject to change. Not to be used for construction purposes unless certified.

## SERIES A-C 9100

**SUBMITTAL**

**AC-545.6A**

|                                                                           |                                                                                           |                                           |
|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------|
| JOB: _____<br><br>UNIT TAG: _____<br>ENGINEER: _____<br>CONTRACTOR: _____ | REPRESENTATIVE: _____<br><br>ORDER NO. _____<br>SUBMITTED BY: _____<br>APPROVED BY: _____ | DATE: _____<br>DATE: _____<br>DATE: _____ |
|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------|



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

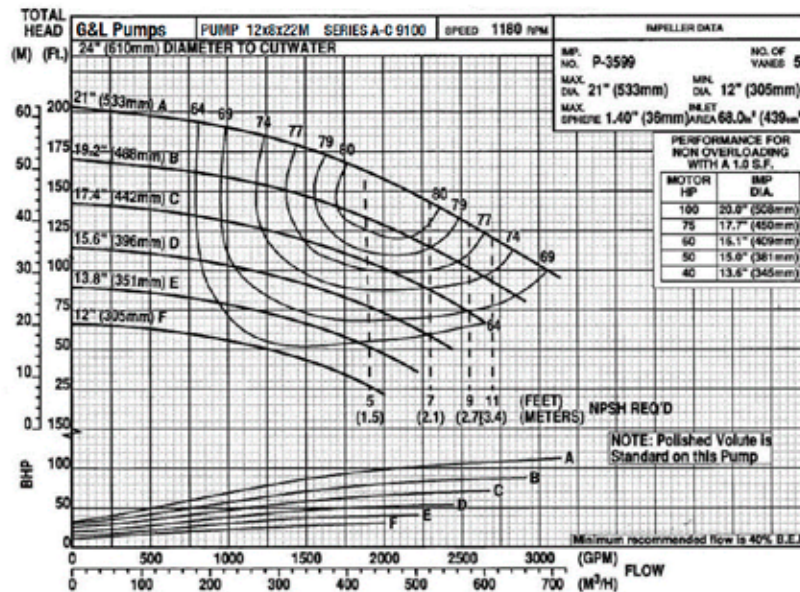
### SPECIFICATIONS:

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

- ☐ **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)



## SERIES A-C 9100

**SUBMITTAL**

**AC-545.6A**

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



## 12X8X22M Frames: 5807S TEFC-6809S WPI Series A-C 9100

Base Mounted - Double Suction Centrifugal Pumps

### SPECIFICATIONS:

\_\_\_\_\_ GPM \_\_\_\_\_ FT. \_\_\_\_\_ RPM

MOTOR \_\_\_\_\_ HP \_\_\_\_\_ VOLTS

DATA: \_\_\_\_\_ ENCL. \_\_\_\_\_ HZ \_\_\_\_\_ PHASE

SPEC. CONSTR.: \_\_\_\_\_

APPROX. \_\_\_\_\_

WEIGHT \_\_\_\_\_ LBS.

☐ 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

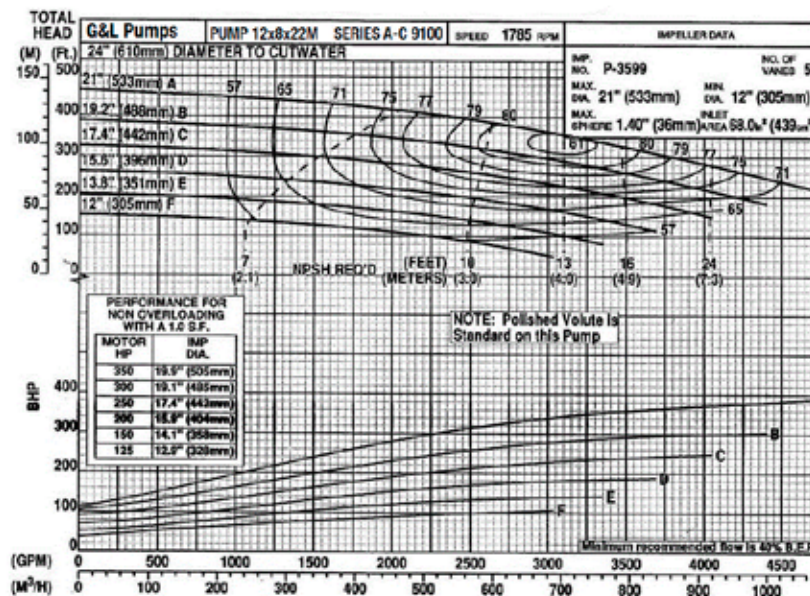
☒ CAST IRON BRONZE FITTED

☒ FABRICATED HEAVY DUTY

☒ OSHA COUPLING GUARD

☒ ALL METAL GEAR TYPE COUPLING

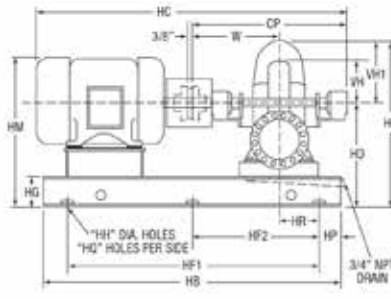
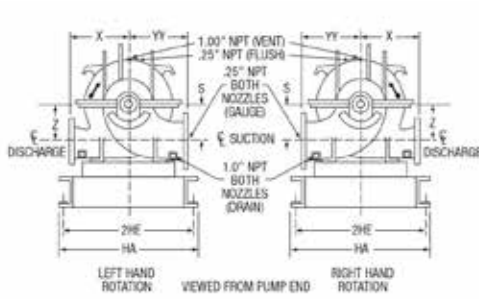
☐ GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)



## SERIES A-C 9100

### Series A-C 9100 12X8X22M Centrifugal Pump Submittal

AC-545.6A



\*\*\*Flange dimensions are in accordance with ANSI A21.10, ASME C110 & ANSI B16.1 class 125.  
 \*\*\*Flange dimensions are in accordance with ANSI B16.1 class 250 except flanges are not faced, i.e., F.F.

| FLANGE DIMENSIONS<br>IN INCHES (MM) |         |
|-------------------------------------|---------|
| Discharge                           | Suction |
| 12                                  | 8       |

#### DIMENSIONS - Inches (mm)

| MOTOR FRAME   | HA          | HB            | 2HE         | HF <sub>1</sub> | HF <sub>2</sub> | HG          | HH           | HP         | HR          | CP              | HC*           | HD          | HM*          | HO              | HQ | S & Z       | VH             | VH <sub>1</sub> | W              | X           | YY          |
|---------------|-------------|---------------|-------------|-----------------|-----------------|-------------|--------------|------------|-------------|-----------------|---------------|-------------|--------------|-----------------|----|-------------|----------------|-----------------|----------------|-------------|-------------|
| 5807S<br>TEFC | 32<br>(813) | 93<br>(2362)  | 30<br>(762) | 81<br>(2057)    | 27<br>(686)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 10<br>(254) | 49.5<br>(1257)  | 108<br>(2743) | 30<br>(762) | 46<br>(1168) | 49.88<br>(1267) | 4  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 5809S<br>TEFC | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 10<br>(254) | 49.5<br>(1257)  | 108<br>(2743) | 30<br>(762) | 45<br>(1143) | 49.88<br>(1267) | 4  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 5811S<br>TEFC | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 10<br>(254) | 49.50<br>(1257) | 123<br>(3124) | 30<br>(762) | 45<br>(1143) | 49.88<br>(1267) | 4  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 5007S<br>WPI  | 32<br>(813) | 93<br>(2362)  | 30<br>(762) | 81<br>(2057)    | 27<br>(686)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 10<br>(254) | 49.50<br>(1257) | 94<br>(2388)  | 30<br>(762) | 44<br>(1118) | 49.88<br>(1267) | 4  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 5009S<br>WPI  | 32<br>(813) | 93<br>(2362)  | 30<br>(762) | 81<br>(2057)    | 27<br>(686)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 10<br>(254) | 49.50<br>(1257) | 101<br>(2565) | 30<br>(762) | 42<br>(1067) | 49.88<br>(1267) | 4  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 5010S<br>WPI  | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 10<br>(254) | 49.50<br>(1257) | 104<br>(2642) | 30<br>(762) | 42<br>(1067) | 49.88<br>(1267) | 4  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 5809S<br>WPI  | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 10<br>(254) | 49.50<br>(1257) | 108<br>(2743) | 30<br>(762) | 42<br>(1067) | 49.88<br>(1267) | 4  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 5810MS<br>WPI | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 10<br>(254) | 49.50<br>(1257) | 113<br>(2870) | 30<br>(762) | 42<br>(1067) | 49.88<br>(1267) | 4  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 5811MS<br>WPI | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 10<br>(254) | 49.50<br>(1257) | 117<br>(2972) | 30<br>(762) | 44<br>(1118) | 49.88<br>(1267) | 4  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 6809S<br>WPI  | 35<br>(889) | 118<br>(2997) | 33<br>(838) | 106<br>(2692)   | 26.50<br>(673)  | 10<br>(254) | 1.12<br>(28) | 6<br>(152) | 10<br>(254) | 49.50<br>(1257) | 120<br>(3048) | 32<br>(813) | 49<br>(1245) | 51.88<br>(1318) | 5  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |

\*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

**SUBMITTAL**

**AC-545.7A**

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

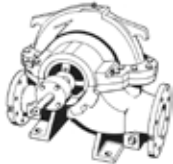
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



## 12X8X22L Frames: 284T-365TS Series A-C 9100 Base Mounted - Double Suction Centrifugal Pumps

### SPECIFICATIONS:

FLOW \_\_\_\_\_ HEAD \_\_\_\_\_  
HP \_\_\_\_\_ RPM \_\_\_\_\_  
VOLTS \_\_\_\_\_  
CYCLE \_\_\_\_\_ PHASE \_\_\_\_\_  
ENCLOSURE \_\_\_\_\_  
APPROX. \_\_\_\_\_  
WEIGHT \_\_\_\_\_  
SPECIALS \_\_\_\_\_

☐ 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).

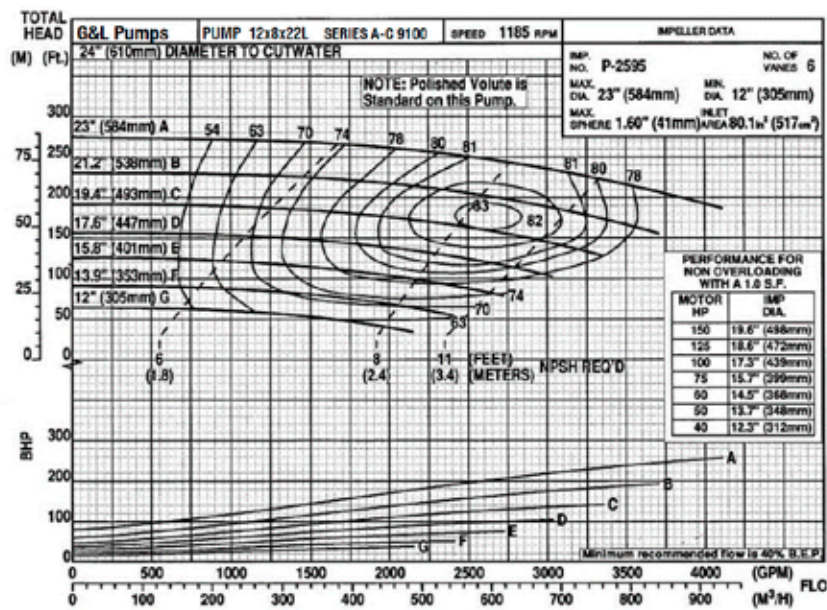
☐ OPTIONAL: Crane Type 8 - 1, Viton/Carbon-Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -10° to 220° F (-23 to 104 ° C).

☐ 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

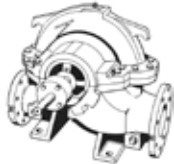




SUBMITTAL

AC-545.7A

|                                                                           |                                                                                                                                            |
|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| JOB: _____<br><br>UNIT TAG: _____<br>ENGINEER: _____<br>CONTRACTOR: _____ | REPRESENTATIVE: _____<br><br>ORDER NO. _____<br>SUBMITTED BY: _____<br>APPROVED BY: _____<br><br>DATE: _____<br>DATE: _____<br>DATE: _____ |
|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|



## 12X8X22L Frames: 284T-365TS

### Series A-C 9100

**Base Mounted - Double Suction Centrifugal Pumps**

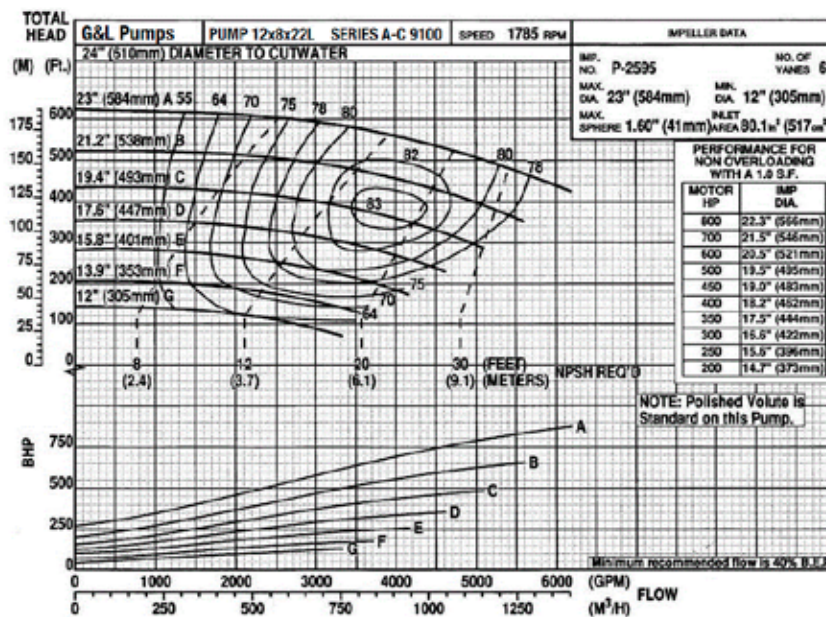
**SPECIFICATIONS:**

FLOW \_\_\_\_\_ HEAD \_\_\_\_\_  
 HP \_\_\_\_\_ RPM \_\_\_\_\_  
 VOLTS \_\_\_\_\_  
 CYCLE \_\_\_\_\_ PHASE \_\_\_\_\_  
 ENCLOSURE \_\_\_\_\_  
 APPROX. \_\_\_\_\_  
 WEIGHT \_\_\_\_\_  
 SPECIALS \_\_\_\_\_

- ☐ **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**

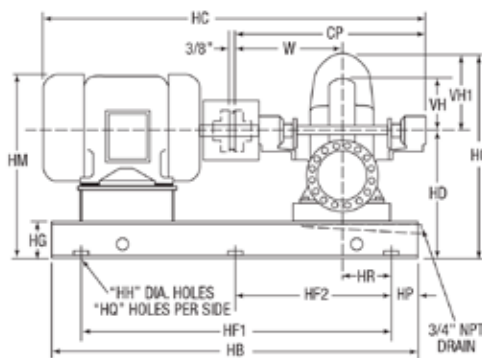
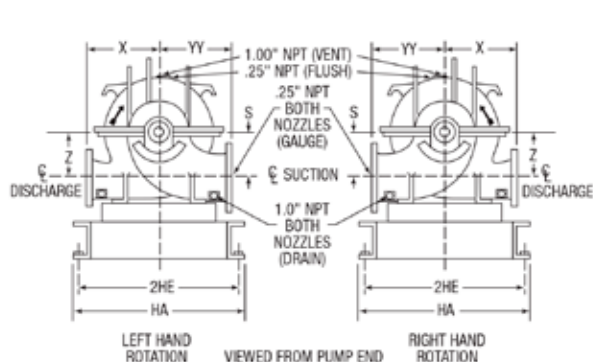
- ☒ CAST IRON BRONZE FITTED
- ☒ FABRICATED HEAVY DUTY
- ☒ ANSI/OSHA COUPLING GUARD
- ☒ FLEXIBLE COUPLING
- ☐ SPACER COUPLING (OPTIONAL)
- ☐ GALVANIZED DRIP PAN (OPTIONAL)



## SERIES A-C 9100

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

AC-545.7A



| FLANGE<br>DIMENSIONS IN<br>INCHES (MM) |         |
|----------------------------------------|---------|
| Discharge                              | Suction |
| 12                                     | 8       |

\*\*Flange dimensions are in accordance with ANSI A21.10, AWWA C110 & ANSI B16.1 class 125.  
\*\*\*Flange dimensions are in accordance with ANSI B16.1 class 250 except flanges are flat faced, i.e., FF.

### DIMENSIONS - Inches (mm)

| MOTOR<br>FRAME | HA          | HB           | 2HE            | HF <sub>1</sub> | HF <sub>2</sub> | HG         | HH          | HP         | HR          | CP              | HC*          | HD          | HM*         | HO              | HQ | S & Z       | VH             | VH <sub>1</sub> | W              | X           | YY          |
|----------------|-------------|--------------|----------------|-----------------|-----------------|------------|-------------|------------|-------------|-----------------|--------------|-------------|-------------|-----------------|----|-------------|----------------|-----------------|----------------|-------------|-------------|
| 284T           | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257)  | 78<br>(1981) | 26<br>(660) | 32<br>(813) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 284TS          | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.50<br>(1257) | 75<br>(1905) | 26<br>(660) | 32<br>(813) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 286T           | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.50<br>(1257) | 78<br>(1981) | 26<br>(660) | 32<br>(813) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 286TS          | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257)  | 76<br>(1930) | 26<br>(660) | 32<br>(813) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 324T           | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.50<br>(1257) | 80<br>(2032) | 26<br>(660) | 34<br>(864) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 324TS          | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.50<br>(1257) | 78<br>(1981) | 26<br>(660) | 34<br>(864) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 326T           | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.50<br>(1257) | 81<br>(2057) | 26<br>(660) | 34<br>(864) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 326TS          | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.50<br>(1257) | 80<br>(2032) | 26<br>(660) | 34<br>(864) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 364T           | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257)  | 82<br>(2083) | 26<br>(660) | 35<br>(889) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 364TS          | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.50<br>(1257) | 80<br>(2032) | 26<br>(660) | 35<br>(889) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 365T           | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257)  | 83<br>(2108) | 26<br>(660) | 35<br>(889) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 365TS          | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.50<br>(1257) | 81<br>(2057) | 26<br>(660) | 35<br>(889) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |

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

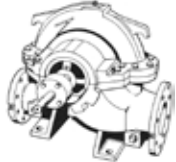
Dimensions are subject to change. Not to be used for construction purposes unless certified.

## SERIES A-C 9100

**SUBMITTAL**

**AC-545.8A**

|                                                                                   |                                                                                                   |                                              |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>JOB:</b><br><br><br><b>UNIT TAG:</b><br><b>ENGINEER:</b><br><b>CONTRACTOR:</b> | <b>REPRESENTATIVE:</b><br><br><br><b>ORDER NO.</b><br><b>SUBMITTED BY:</b><br><b>APPROVED BY:</b> | <b>DATE:</b><br><b>DATE:</b><br><b>DATE:</b> |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|



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

### Series A-C 9100

Base Mounted - Double Suction Centrifugal Pumps

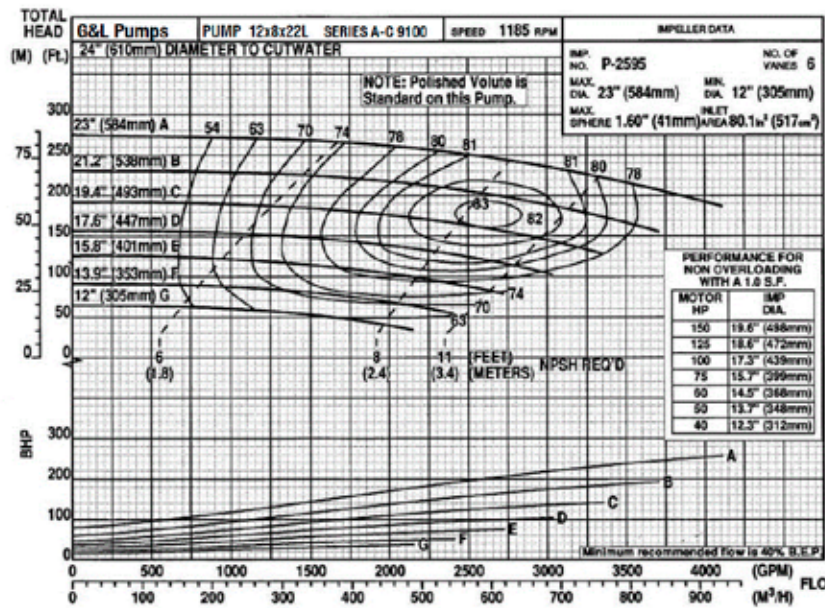
#### SPECIFICATIONS:

FLOW \_\_\_\_\_ HEAD \_\_\_\_\_  
 HP \_\_\_\_\_ RPM \_\_\_\_\_  
 VOLTS \_\_\_\_\_  
 CYCLE \_\_\_\_\_ PHASE \_\_\_\_\_  
 ENCLOSURE \_\_\_\_\_  
 APPROX. \_\_\_\_\_  
 WEIGHT \_\_\_\_\_  
 SPECIALS \_\_\_\_\_

- ☐ **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)



## SERIES A-C 9100

**SUBMITTAL****AC-545.8A**

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

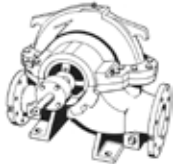
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



# 12X8X22L-Frames: 404T-449TS

## Series A-C 9100

### Base Mounted - Double Suction Centrifugal Pumps

**SPECIFICATIONS:**

FLOW \_\_\_\_\_ HEAD \_\_\_\_\_  
 HP \_\_\_\_\_ RPM \_\_\_\_\_  
 VOLTS \_\_\_\_\_  
 CYCLE \_\_\_\_\_ PHASE \_\_\_\_\_  
 ENCLOSURE \_\_\_\_\_  
 APPROX. \_\_\_\_\_  
 WEIGHT \_\_\_\_\_  
 SPECIALS \_\_\_\_\_

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

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

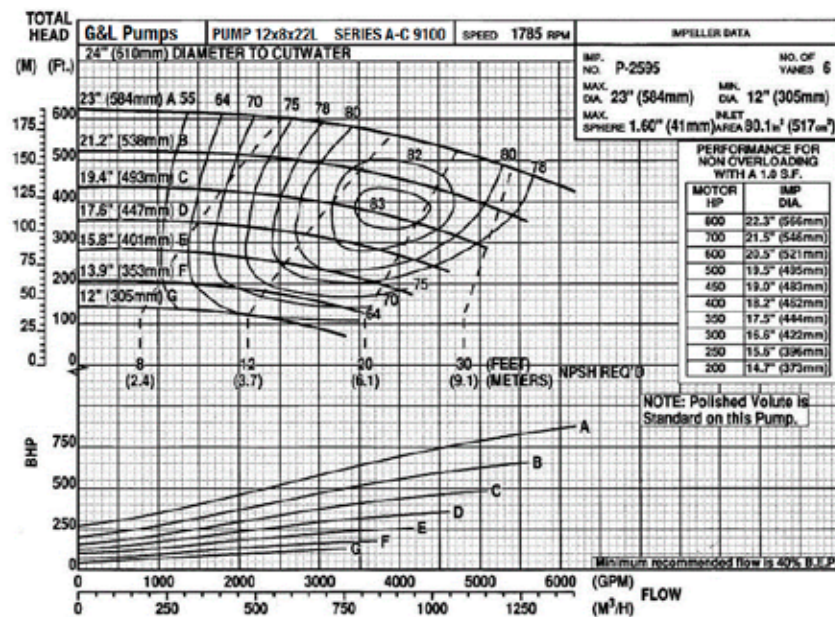
☐ **STANDARD:** Crane Type 8 - 1, Viton/Carbon-Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220° F (-23 to 104 ° C).

☐ **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)

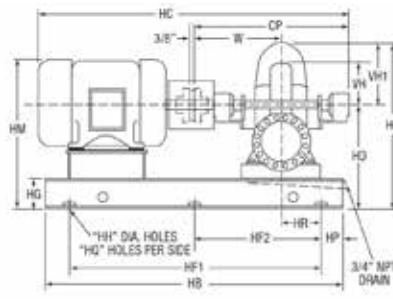
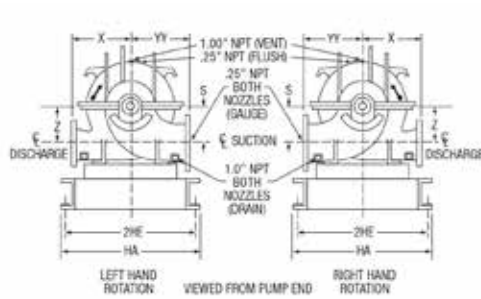




## SERIES A-C 9100

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

AC-545.8A



\*\*\*Flange dimensions are in accordance with ANSI A21.10, ANSI C110 & ANSI B16.1 class 125.  
 \*\*\*Flange dimensions are in accordance with ANSI B16.1 class 250 except flanges are flat faced, i.e., F.F.

| FLANGE DIMENSIONS<br>IN INCHES (MM) |         |
|-------------------------------------|---------|
| Discharge                           | Suction |
| 12                                  | 8       |

### DIMENSIONS - Inches (mm)

| MOTOR FRAME | HA          | HB           | 2HE            | HF <sub>1</sub> | HF <sub>2</sub> | HG         | HH          | HP         | HR          | CP              | HC*           | HD          | HM*         | HO              | HQ | S & Z       | VH             | VH <sub>1</sub> | W              | X           | YY          |
|-------------|-------------|--------------|----------------|-----------------|-----------------|------------|-------------|------------|-------------|-----------------|---------------|-------------|-------------|-----------------|----|-------------|----------------|-----------------|----------------|-------------|-------------|
| 404T        | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.50<br>(1257) | 86<br>(2184)  | 26<br>(660) | 36<br>(914) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 404TS       | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.50<br>(1257) | 85<br>(2159)  | 26<br>(660) | 36<br>(914) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 405T        | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257)  | 88<br>(2235)  | 26<br>(660) | 36<br>(914) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 405TS       | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257)  | 85<br>(2159)  | 26<br>(660) | 36<br>(914) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 444T        | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.50<br>(1257) | 94<br>(2388)  | 26<br>(660) | 38<br>(965) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 444TS       | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257)  | 90<br>(2286)  | 26<br>(660) | 38<br>(965) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 445T        | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257)  | 96<br>(2438)  | 26<br>(660) | 38<br>(965) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 445TS       | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257)  | 92<br>(2337)  | 26<br>(660) | 38<br>(965) | 45.88<br>(1165) | 3  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 447T        | 27<br>(686) | 90<br>(2286) | 25.76<br>(654) | 78<br>(1981)    | 26<br>(660)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257)  | 99<br>(2515)  | 26<br>(660) | 38<br>(965) | 45.88<br>(1165) | 4  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 447TS       | 27<br>(686) | 90<br>(2286) | 25.76<br>(654) | 78<br>(1981)    | 26<br>(660)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257)  | 95<br>(2413)  | 26<br>(660) | 38<br>(965) | 45.88<br>(1165) | 4  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 449T        | 27<br>(686) | 90<br>(2286) | 25.76<br>(654) | 78<br>(1981)    | 26<br>(660)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257)  | 104<br>(2642) | 26<br>(660) | 38<br>(965) | 45.88<br>(1165) | 4  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 449TS       | 27<br>(686) | 90<br>(2286) | 25.76<br>(654) | 78<br>(1981)    | 26<br>(660)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 10<br>(254) | 49.5<br>(1257)  | 101<br>(2565) | 26<br>(660) | 38<br>(965) | 45.88<br>(1165) | 4  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |

\*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

**SUBMITTAL**

**AC-545.9A**

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

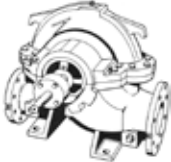
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



## 12X8X22L Series A-C 9100

Base Mounted - Double Suction Centrifugal Pumps

### SPECIFICATIONS:

FLOW \_\_\_\_\_ HEAD \_\_\_\_\_  
HP \_\_\_\_\_ RPM \_\_\_\_\_  
VOLTS \_\_\_\_\_  
CYCLE \_\_\_\_\_ PHASE \_\_\_\_\_  
ENCLOSURE \_\_\_\_\_  
APPROX. \_\_\_\_\_  
WEIGHT \_\_\_\_\_  
SPECIALS \_\_\_\_\_

☐ 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).

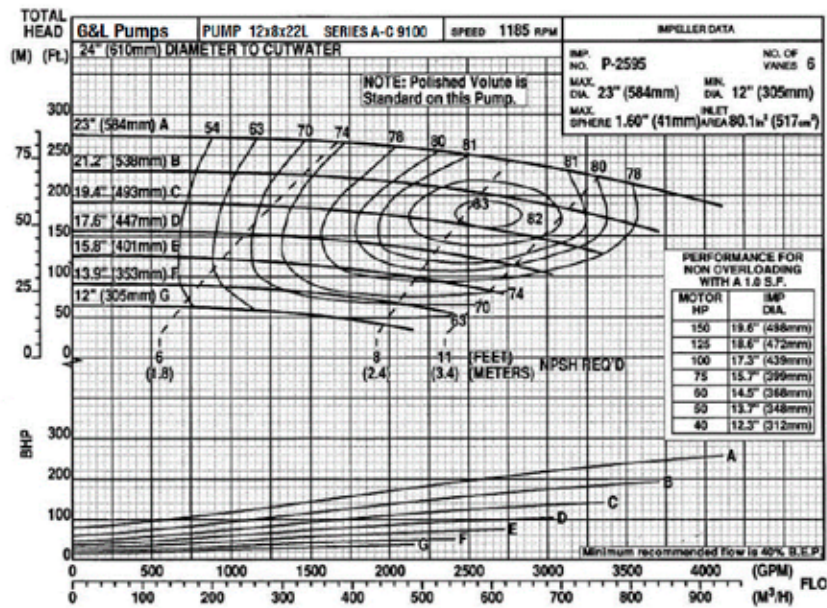
☐ OPTIONAL: Crane Type 8 - 1, Viton/Carbon-Tungsten Carbide, 75 psig (5 Bar) maximum suction pressure, from -10° to 220° F (-23 to 104 ° C).

☐ 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

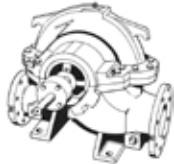
- ☒ CAST IRON BRONZE FITTED
- ☒ FABRICATED HEAVY DUTY
- ☒ ANSI/OSHA COUPLING GUARD
- ☒ FLEXIBLE COUPLING
- ☐ SPACER COUPLING (OPTIONAL)
- ☐ GALVANIZED DRIP PAN (OPTIONAL)



SUBMITTAL

AC-545.9A

|                                                                           |                                                                                           |                                           |
|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------|
| JOB: _____<br><br>UNIT TAG: _____<br>ENGINEER: _____<br>CONTRACTOR: _____ | REPRESENTATIVE: _____<br><br>ORDER NO. _____<br>SUBMITTED BY: _____<br>APPROVED BY: _____ | DATE: _____<br>DATE: _____<br>DATE: _____ |
|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------|



## 12X8X22L - Frames: 5807S TEFC-6809S WPI

### Series A-C 9100

**Base Mounted - Double Suction Centrifugal Pumps**

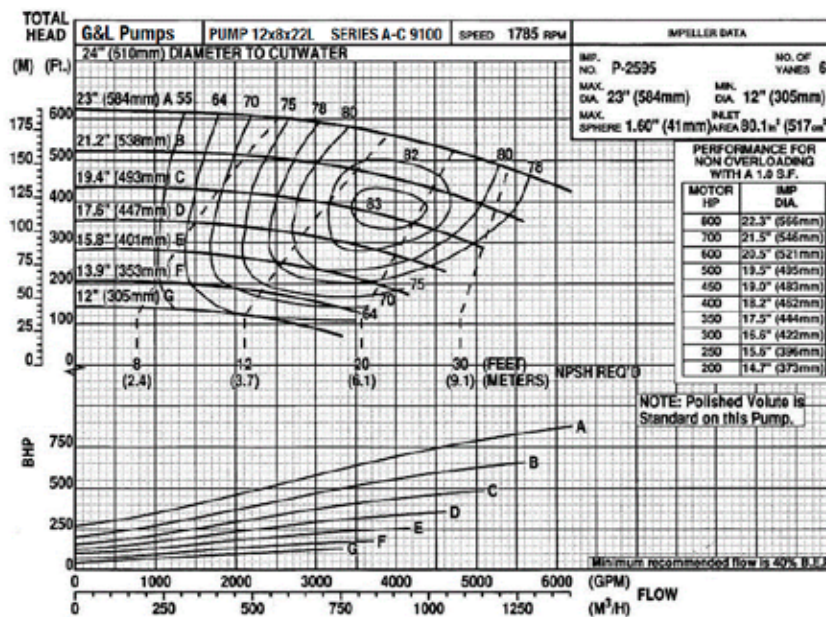
**SPECIFICATIONS:**

FLOW \_\_\_\_\_ HEAD \_\_\_\_\_  
 HP \_\_\_\_\_ RPM \_\_\_\_\_  
 VOLTS \_\_\_\_\_  
 CYCLE \_\_\_\_\_ PHASE \_\_\_\_\_  
 ENCLOSURE \_\_\_\_\_  
 APPROX. \_\_\_\_\_  
 WEIGHT \_\_\_\_\_  
 SPECIALS \_\_\_\_\_

- ☐ **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**

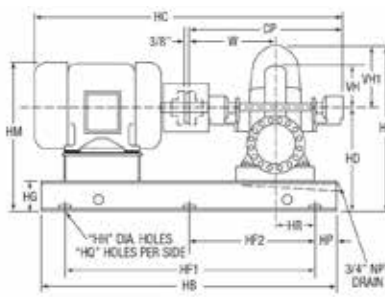
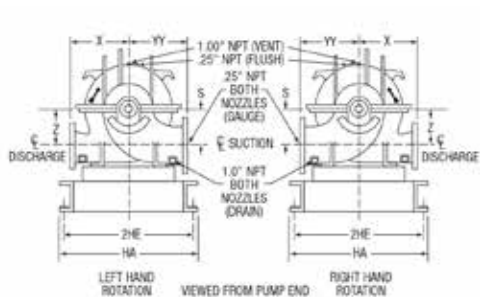
- ☒ CAST IRON BRONZE FITTED
- ☒ FABRICATED HEAVY DUTY
- ☒ ANSI/OSHA COUPLING GUARD
- ☒ FLEXIBLE COUPLING
- ☐ SPACER COUPLING (OPTIONAL)
- ☐ GALVANIZED DRIP PAN (OPTIONAL)



## SERIES A-C 9100

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

AC-545.9A



| FLANGE DIMENSIONS<br>IN INCHES (MM) |         |
|-------------------------------------|---------|
| Discharge                           | Suction |
| 12                                  | 8       |

\*\*\*Flange dimensions are in accordance with ANSI A21.10, API 6A C3.10 & API 6B 1 class 125.  
 \*\*\*Flange dimensions are in accordance with ANSI B16.1 class 250 except flanges are flat faced, i.e., FF.

### DIMENSIONS - Inches (mm)

| MOTOR FRAME   | HA          | HB            | 2HE         | HF <sub>1</sub> | HF <sub>2</sub> | HG          | HH           | HP         | HR          | CP              | HC*           | HD          | HM*          | HO              | HQ | S & Z       | VH             | VH <sub>1</sub> | W              | X           | YY          |
|---------------|-------------|---------------|-------------|-----------------|-----------------|-------------|--------------|------------|-------------|-----------------|---------------|-------------|--------------|-----------------|----|-------------|----------------|-----------------|----------------|-------------|-------------|
| 5807S<br>TEFC | 32<br>(813) | 93<br>(2362)  | 30<br>(762) | 81<br>(2057)    | 27<br>(686)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 10<br>(254) | 49.5<br>(1257)  | 108<br>(2743) | 30<br>(762) | 46<br>(1168) | 49.88<br>(1267) | 4  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 5809S<br>TEFC | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 10<br>(254) | 49.5<br>(1257)  | 108<br>(2743) | 30<br>(762) | 45<br>(1143) | 49.88<br>(1267) | 4  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 5811S<br>TEFC | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 10<br>(254) | 49.50<br>(1257) | 123<br>(3124) | 30<br>(762) | 45<br>(1143) | 49.88<br>(1267) | 4  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 5007S<br>WPI  | 32<br>(813) | 93<br>(2362)  | 30<br>(762) | 81<br>(2057)    | 27<br>(686)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 10<br>(254) | 49.50<br>(1257) | 94<br>(2388)  | 30<br>(762) | 44<br>(1118) | 49.88<br>(1267) | 4  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 5009S<br>WPI  | 32<br>(813) | 93<br>(2362)  | 30<br>(762) | 81<br>(2057)    | 27<br>(686)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 10<br>(254) | 49.50<br>(1257) | 101<br>(2565) | 30<br>(762) | 42<br>(1067) | 49.88<br>(1267) | 4  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 5010S<br>WPI  | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 10<br>(254) | 49.50<br>(1257) | 104<br>(2642) | 30<br>(762) | 42<br>(1067) | 49.88<br>(1267) | 4  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 5809S<br>WPI  | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 10<br>(254) | 49.50<br>(1257) | 108<br>(2743) | 30<br>(762) | 42<br>(1067) | 49.88<br>(1267) | 4  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 5810MS<br>WPI | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 10<br>(254) | 49.50<br>(1257) | 113<br>(2870) | 30<br>(762) | 42<br>(1067) | 49.88<br>(1267) | 4  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 5811MS<br>WPI | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 10<br>(254) | 49.50<br>(1257) | 117<br>(2972) | 30<br>(762) | 44<br>(1118) | 49.88<br>(1267) | 4  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |
| 6809S<br>WPI  | 35<br>(889) | 118<br>(2997) | 33<br>(838) | 106<br>(2692)   | 26.50<br>(673)  | 10<br>(254) | 1.12<br>(28) | 6<br>(152) | 10<br>(254) | 49.50<br>(1257) | 120<br>(3048) | 32<br>(813) | 49<br>(1245) | 51.88<br>(1318) | 5  | 12<br>(305) | 15.25<br>(387) | 19.88<br>(505)  | 28.25<br>(718) | 21<br>(533) | 21<br>(533) |

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

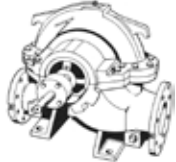
Dimensions are subject to change. Not to be used for construction purposes unless certified.

## SERIES A-C 9100

**SUBMITTAL**

**AC-545.13A**

|                                                                               |                                                                                               |                                              |
|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>JOB:</b><br><br><b>UNIT TAG:</b><br><b>ENGINEER:</b><br><b>CONTRACTOR:</b> | <b>REPRESENTATIVE:</b><br><br><b>ORDER NO.</b><br><b>SUBMITTED BY:</b><br><b>APPROVED BY:</b> | <b>DATE:</b><br><b>DATE:</b><br><b>DATE:</b> |
|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------|



## 14X10X20S - Frames: 284T-365TS

### Series A-C 9100

Base Mounted - Double Suction Centrifugal Pumps

#### SPECIFICATIONS:

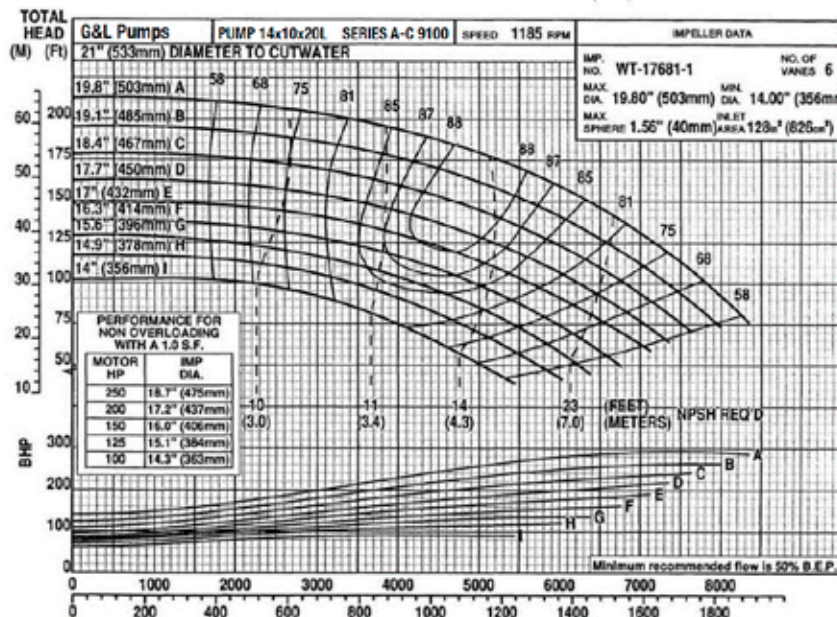
\_\_\_\_\_ GPM \_\_\_\_\_ FT. \_\_\_\_\_ RPM  
**MOTOR**  
**DATA:** \_\_\_\_\_ HP \_\_\_\_\_ VOLTS  
 \_\_\_\_\_ ENCL. \_\_\_\_\_ HZ \_\_\_\_\_ PHASE  
**SPEC. CONSTR.:** \_\_\_\_\_  
**APPROX.**  
**WEIGHT** \_\_\_\_\_ LBS.

#### 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:** \_\_\_\_\_





## SERIES A-C 9100

**SUBMITTAL**

**AC-545.13A**

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

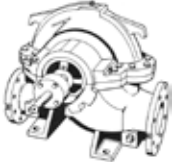
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



## 14X10X20S - 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 \_\_\_\_\_ 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

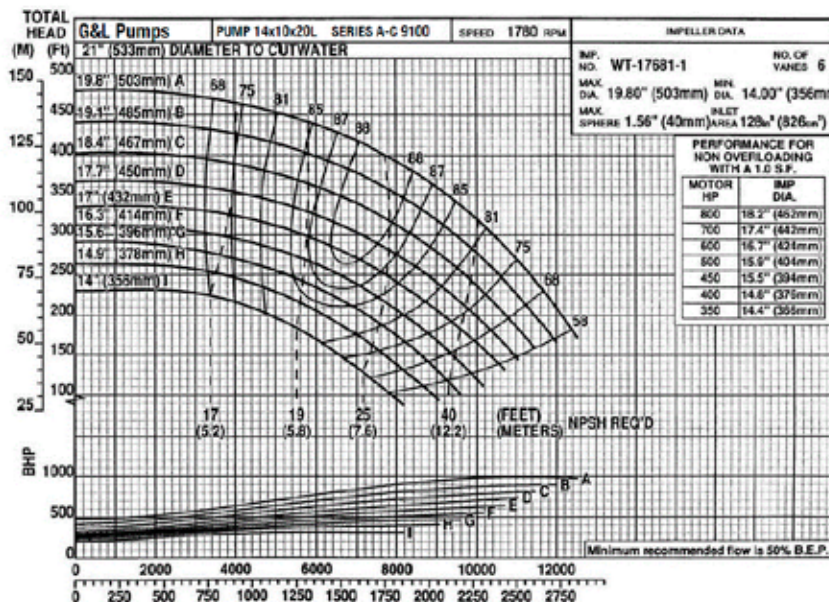
☐ OPTIONAL: 300 PSIG (21 bar) working pressure, \*\*\*250# ANSI Flange Configuration

☐ 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: \_\_\_\_\_

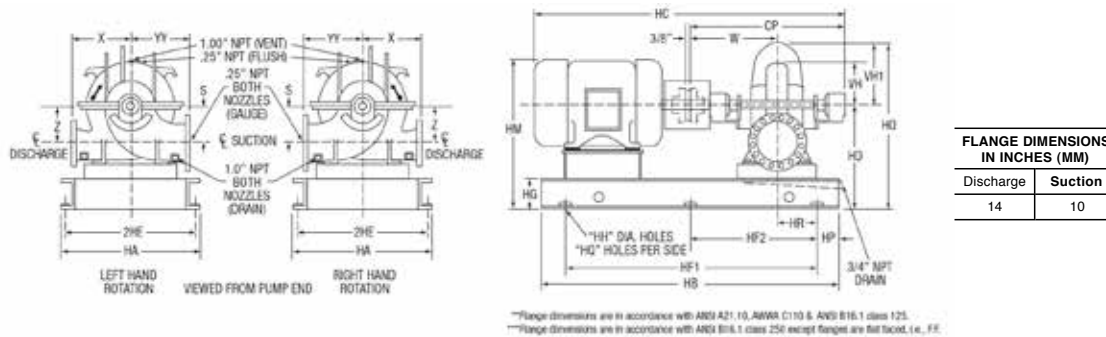




## SERIES A-C 9100

### Series A-C 9100 14X10X20S Centrifugal Pump Submittal

AC-545.13A



### DIMENSIONS - Inches (mm)

| MOTOR FRAME | HA          | HB           | 2HE            | HF <sub>1</sub> | HF <sub>2</sub> | HG         | HH          | HP         | HR            | CP              | HC*          | HD          | HM*         | HO              | HQ | S & Z       | VH             | VH <sub>1</sub> | W             | X           | YY          |
|-------------|-------------|--------------|----------------|-----------------|-----------------|------------|-------------|------------|---------------|-----------------|--------------|-------------|-------------|-----------------|----|-------------|----------------|-----------------|---------------|-------------|-------------|
| 284T        | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 82<br>(2083) | 28<br>(711) | 34<br>(864) | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 284TS       | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 79<br>(2007) | 28<br>(711) | 34<br>(864) | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 286T        | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 83<br>(2108) | 28<br>(711) | 34<br>(864) | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 286TS       | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 81<br>(2057) | 28<br>(711) | 34<br>(864) | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 324T        | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 84<br>(2134) | 28<br>(711) | 36<br>(914) | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 324TS       | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 83<br>(2108) | 28<br>(711) | 36<br>(914) | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 326T        | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 86<br>(2184) | 28<br>(711) | 36<br>(914) | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 326TS       | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 84<br>(2134) | 28<br>(711) | 36<br>(914) | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 364T        | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 87<br>(2210) | 28<br>(711) | 37<br>(940) | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 364TS       | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 85<br>(2159) | 28<br>(711) | 37<br>(940) | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 365T        | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 88<br>(2235) | 28<br>(711) | 37<br>(940) | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 365TS       | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 86<br>(2184) | 28<br>(711) | 37<br>(940) | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |

\*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

**SUBMITTAL**

**AC-545.14A**

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

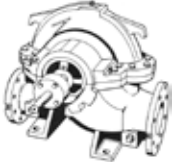
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



## 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

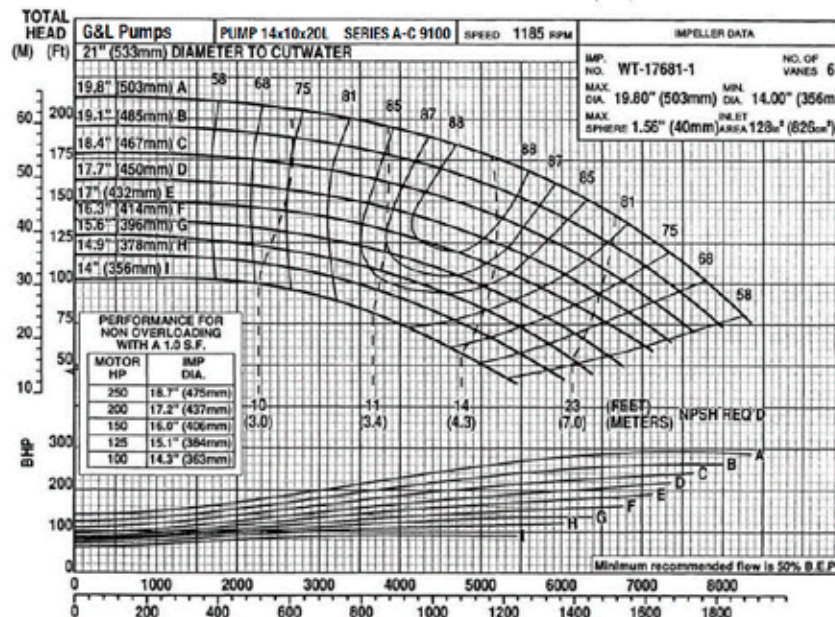
☐ OPTIONAL: 300 PSIG (21 bar) working pressure, \*\*\*250# ANSI Flange Configuration

☐ 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:



## SERIES A-C 9100

SUBMITTAL

AC-545.14A

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

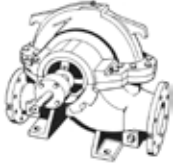
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



# 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.: \_\_\_\_\_

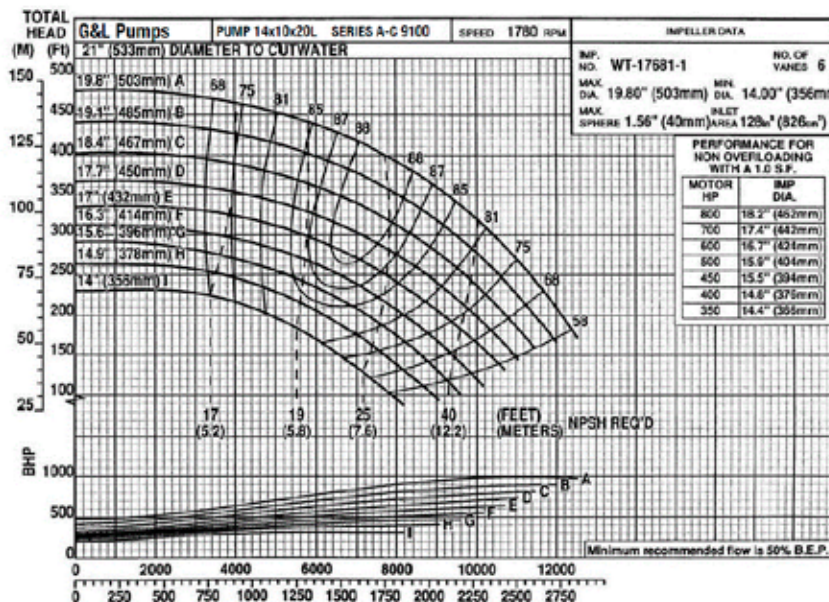
APPROX.

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)

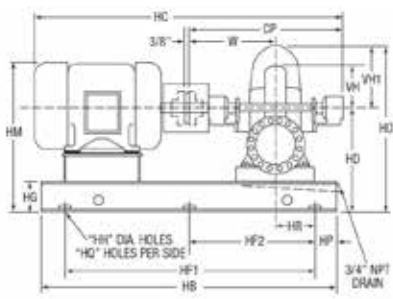
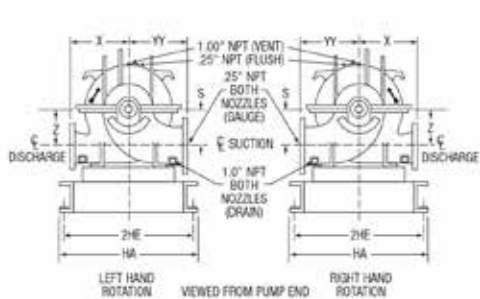
## TYPE OF SEAL

☐ 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: \_\_\_\_\_

## SERIES A-C 9100

### Series A-C 9100 14X10X20S Centrifugal Pump Submittal

AC-545.14A



FLANGE DIMENSIONS  
IN INCHES (MM)

| Discharge | Suction |
|-----------|---------|
| 14        | 10      |

\*\*\*Flange dimensions are in accordance with ANSI A21.10, ASME C310 & ANSI B16.1 class 125.  
\*\*\*Flange dimensions are in accordance with ANSI B16.1 class 250 except Ranges are flat faced, i.e., F.F.

### DIMENSIONS - Inches (mm)

| MOTOR FRAME | HA          | HB           | 2HE            | HF <sub>1</sub> | HF <sub>2</sub> | HG         | HH          | HP         | HR            | CP              | HC*           | HD          | HM*          | HO              | HQ | S & Z       | VH             | VH <sub>1</sub> | W             | X           | YY          |
|-------------|-------------|--------------|----------------|-----------------|-----------------|------------|-------------|------------|---------------|-----------------|---------------|-------------|--------------|-----------------|----|-------------|----------------|-----------------|---------------|-------------|-------------|
| 404T        | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 91<br>(2311)  | 28<br>(711) | 38<br>(965)  | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 404TS       | 27<br>(686) | 82<br>(2083) | 26.76<br>(680) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 90<br>(2286)  | 28<br>(711) | 38<br>(965)  | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 405T        | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 93<br>(2362)  | 28<br>(711) | 38<br>(965)  | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 405TS       | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 90<br>(2286)  | 28<br>(711) | 38<br>(965)  | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 444T        | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 98<br>(2489)  | 28<br>(711) | 40<br>(1016) | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 444TS       | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 95<br>(2413)  | 28<br>(711) | 40<br>(1016) | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 445T        | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 100<br>(2540) | 28<br>(711) | 40<br>(1016) | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 445TS       | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 97<br>(2464)  | 28<br>(711) | 40<br>(1016) | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 447T        | 27<br>(686) | 90<br>(2286) | 25.76<br>(654) | 78<br>(1981)    | 26<br>(660)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 104<br>(2642) | 28<br>(711) | 40<br>(1016) | 49.75<br>(1264) | 4  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 447TS       | 27<br>(686) | 90<br>(2286) | 25.76<br>(654) | 78<br>(1981)    | 26<br>(660)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 100<br>(2540) | 28<br>(711) | 40<br>(1016) | 49.75<br>(1264) | 4  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 449T        | 27<br>(686) | 90<br>(2286) | 25.76<br>(654) | 78<br>(1981)    | 26<br>(660)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 109<br>(2769) | 28<br>(711) | 40<br>(1016) | 49.75<br>(1264) | 4  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 449TS       | 27<br>(686) | 90<br>(2286) | 25.76<br>(654) | 78<br>(1981)    | 26<br>(660)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 105<br>(2667) | 28<br>(711) | 40<br>(1016) | 49.75<br>(1264) | 4  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |

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

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



**SUBMITTAL**

**AC-545.15A**

**JOB:**

**REPRESENTATIVE:**

UNIT TAG:

ORDER NO.

DATE:

**ENGINEER:**

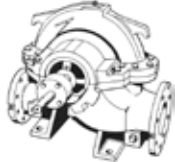
**SUBMITTED BY:**

DATE:

**CONTRACTOR:**

**APPROVED BY:**

**DATE:**



**14X10X20S - Frames: 5807S TEFC-5809S 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.<br>WEIGHT | LEAD |
|-------------------|------|
|-------------------|------|

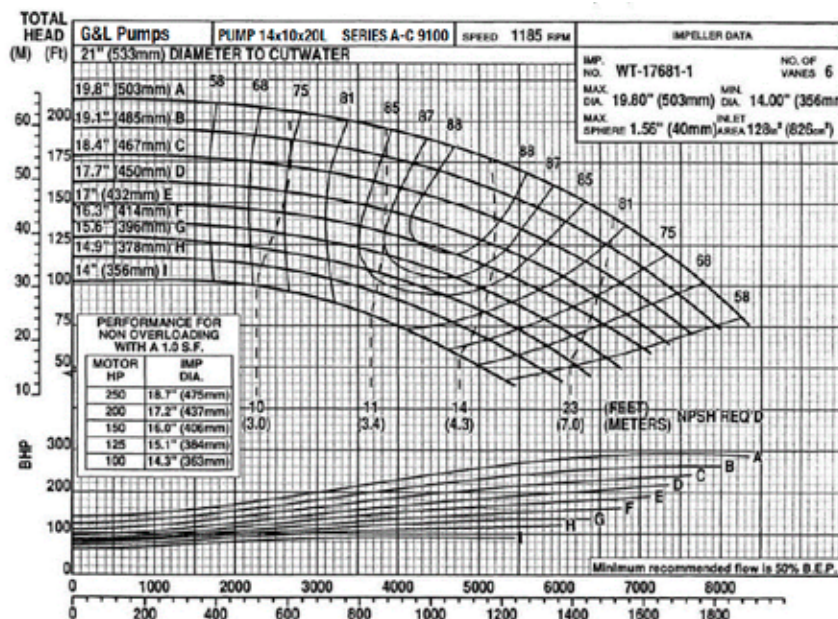
WEIGHT \_\_\_\_\_ EDOJ. \_\_\_\_\_

## 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:**

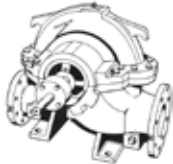


## SERIES A-C 9100

**SUBMITTAL**

**AC-545.15A**

|                                                                                   |                                                                                                   |                                              |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>JOB:</b><br><br><br><b>UNIT TAG:</b><br><b>ENGINEER:</b><br><b>CONTRACTOR:</b> | <b>REPRESENTATIVE:</b><br><br><br><b>ORDER NO.</b><br><b>SUBMITTED BY:</b><br><b>APPROVED BY:</b> | <b>DATE:</b><br><b>DATE:</b><br><b>DATE:</b> |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|



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

### SPECIFICATIONS:

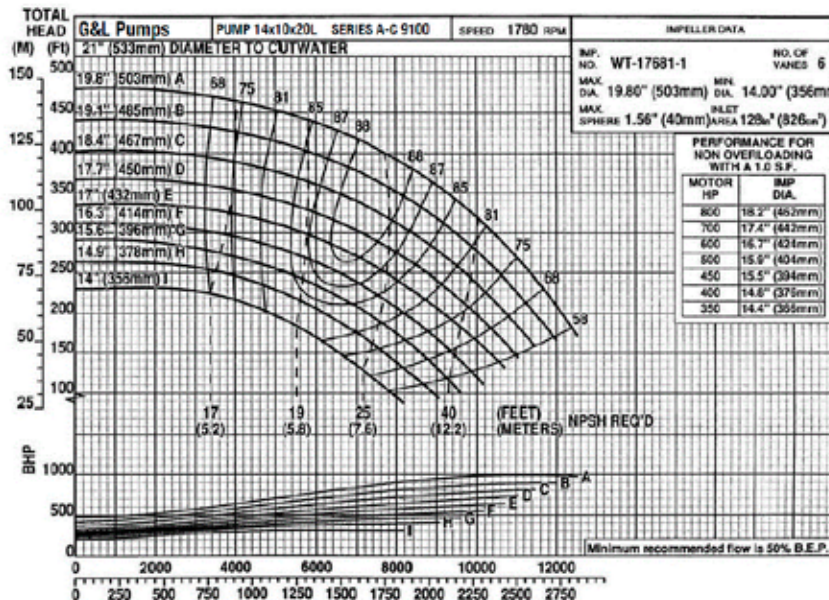
\_\_\_\_\_ GPM \_\_\_\_\_ FT. \_\_\_\_\_ RPM  
 MOTOR  
 DATA: \_\_\_\_\_ HP \_\_\_\_\_ VOLTS  
 \_\_\_\_\_ ENCL. \_\_\_\_\_ HZ \_\_\_\_\_ PHASE  
 SPEC. CONSTR.: \_\_\_\_\_  
 APPROX.  
 WEIGHT \_\_\_\_\_ LBS.

### 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

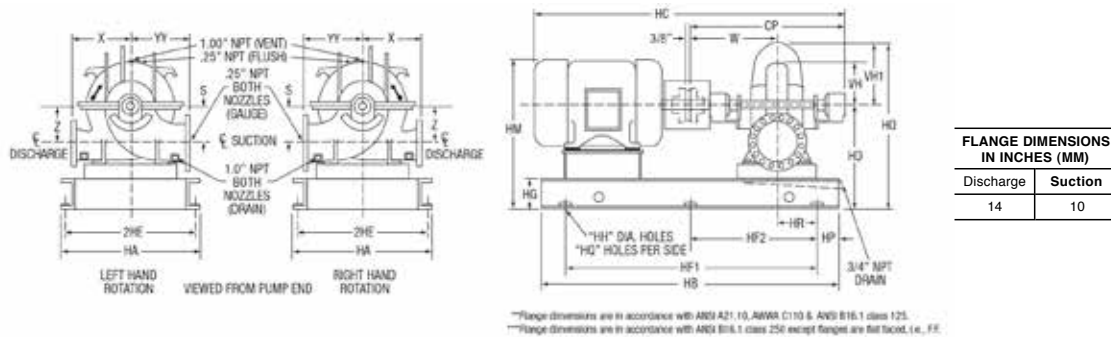
- ☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, \*\*125# ANSI Flange Configuration
- ☐ **OPTIONAL:** 300 PSIG (21 bar) working pressure, \*\*\*250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 8-1, Viton/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23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



## SERIES A-C 9100

### Series A-C 9100 14X10X20S Centrifugal Pump Submittal

AC-545.15A



### DIMENSIONS - Inches (mm)

| MOTOR FRAME   | HA          | HB            | 2HE         | HF <sub>1</sub> | HF <sub>2</sub> | HG         | HH          | HP         | HR            | CP              | HC*           | HD          | HM*          | HO              | HQ | S & Z       | VH             | VH <sub>1</sub> | W             | X           | YY          |
|---------------|-------------|---------------|-------------|-----------------|-----------------|------------|-------------|------------|---------------|-----------------|---------------|-------------|--------------|-----------------|----|-------------|----------------|-----------------|---------------|-------------|-------------|
| 5807S<br>TEFC | 32<br>(813) | 93<br>(2362)  | 30<br>(762) | 81<br>(2057)    | 27<br>(686)     | 8<br>(203) | .88<br>(22) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 113<br>(2870) | 32<br>(813) | 48<br>(1219) | 53.75<br>(1365) | 4  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 5809S<br>TEFC | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203) | .88<br>(22) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 120<br>(3048) | 32<br>(813) | 48<br>(1219) | 53.75<br>(1365) | 4  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 5811S<br>TEFC | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203) | .88<br>(22) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 128<br>(3251) | 32<br>(813) | 48<br>(1219) | 53.75<br>(1365) | 4  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 5007S<br>WPI  | 32<br>(813) | 93<br>(2362)  | 30<br>(762) | 81<br>(2057)    | 27<br>(686)     | 8<br>(203) | .88<br>(22) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 100<br>(2540) | 32<br>(813) | 45<br>(1143) | 53.75<br>(1365) | 4  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 5009S<br>WPI  | 32<br>(813) | 93<br>(2362)  | 30<br>(762) | 81<br>(2057)    | 27<br>(686)     | 8<br>(203) | .88<br>(22) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 105<br>(2667) | 32<br>(813) | 44<br>(1118) | 53.75<br>(1365) | 4  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 5010S<br>WPI  | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203) | .88<br>(22) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 109<br>(2769) | 32<br>(813) | 44<br>(1118) | 53.75<br>(1365) | 4  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 5809S<br>WPI  | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203) | .88<br>(22) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 113<br>(2870) | 32<br>(813) | 44<br>(1118) | 53.75<br>(1365) | 4  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 5810MS<br>WPI | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203) | .88<br>(22) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 118<br>(2997) | 32<br>(813) | 44<br>(1118) | 53.75<br>(1365) | 4  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 5811MS<br>WPI | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203) | .88<br>(22) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 122<br>(3099) | 32<br>(813) | 47<br>(1194) | 53.75<br>(1365) | 4  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |

\*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

**SUBMITTAL**

**AC-545.16A**

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

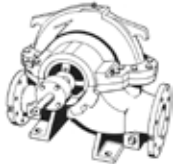
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



## 14X10X20L - 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 \_\_\_\_\_ 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

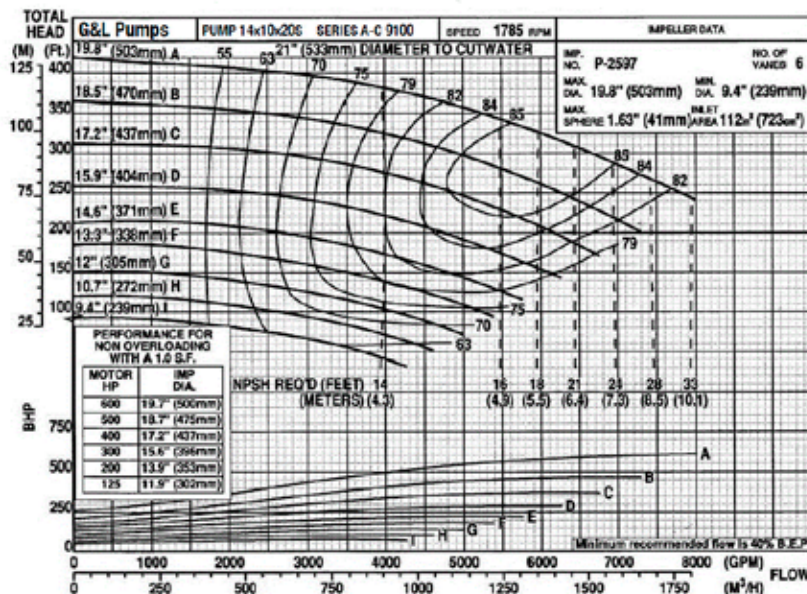
☐ OPTIONAL: 300 PSIG (21 bar) working pressure, \*\*\*250# ANSI Flange Configuration

☐ 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:





## SERIES A-C 9100

**SUBMITTAL**

**AC-545.16A**

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

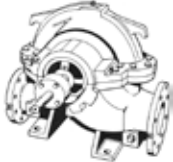
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



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

### SPECIFICATIONS:

\_\_\_\_\_ GPM \_\_\_\_\_ FT. \_\_\_\_\_ RPM

MOTOR \_\_\_\_\_ HP \_\_\_\_\_ VOLTS

DATA: \_\_\_\_\_ HZ \_\_\_\_\_ PHASE

\_\_\_\_\_ ENCL. \_\_\_\_\_ HZ \_\_\_\_\_ PHASE

SPEC. CONSTR.: \_\_\_\_\_

APPROX. \_\_\_\_\_

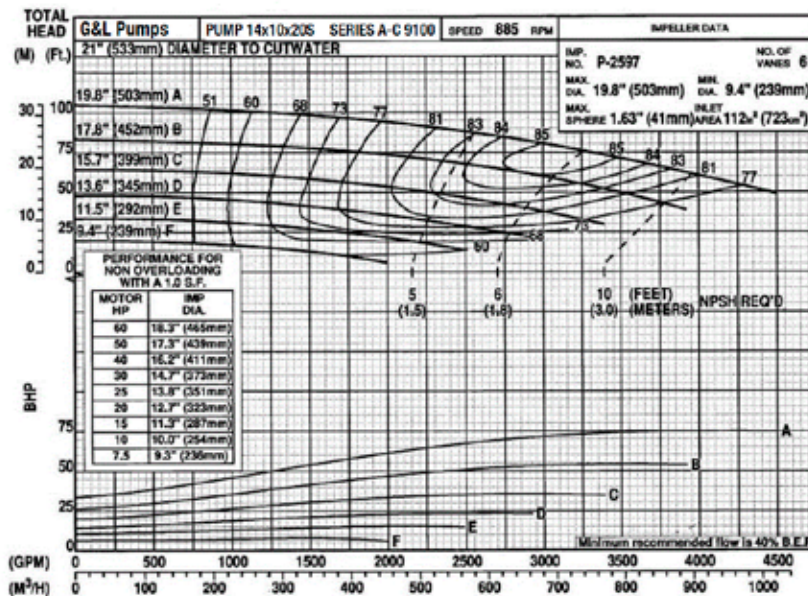
WEIGHT \_\_\_\_\_ LBS.

### 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

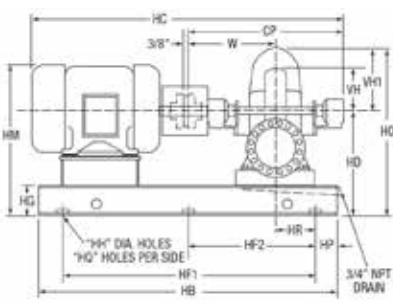
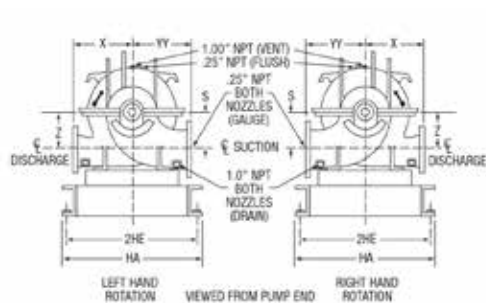
- ☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, \*\*125# ANSI Flange Configuration
- ☐ **OPTIONAL:** 300 PSIG (21 bar) working pressure, \*\*\*250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 8-1, Viton/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23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



## SERIES A-C 9100

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

AC-545.16A



| FLANGE DIMENSIONS<br>IN INCHES (MM) |         |
|-------------------------------------|---------|
| Discharge                           | Suction |
| 14                                  | 10      |

\*\*Flange dimensions are in accordance with ANSI B1.1, ANSI B1.10 & ANSI B1.1 class 125.  
\*\*\*Flange dimensions are in accordance with ANSI B1.1 class 250 except flange are flat faced, i.e., FF.

### DIMENSIONS - Inches (mm)

| MOTOR FRAME | HA          | HB           | 2HE            | HF <sub>1</sub> | HF <sub>2</sub> | HG         | HH          | HP         | HR            | CP              | HC*          | HD          | HM*         | HO              | HQ | S & Z       | VH             | VH <sub>1</sub> | W             | X           | YY          |
|-------------|-------------|--------------|----------------|-----------------|-----------------|------------|-------------|------------|---------------|-----------------|--------------|-------------|-------------|-----------------|----|-------------|----------------|-----------------|---------------|-------------|-------------|
| 284T        | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 82<br>(2083) | 28<br>(711) | 35<br>(889) | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 284TS       | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 79<br>(2007) | 28<br>(711) | 35<br>(889) | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 286T        | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 82<br>(2083) | 28<br>(711) | 35<br>(889) | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 286TS       | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 81<br>(2057) | 28<br>(711) | 35<br>(889) | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 324T        | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 84<br>(2134) | 28<br>(711) | 36<br>(914) | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 324TS       | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 83<br>(2108) | 28<br>(711) | 36<br>(914) | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 326T        | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 86<br>(2184) | 28<br>(711) | 36<br>(914) | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 326TS       | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 84<br>(2134) | 28<br>(711) | 36<br>(914) | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 364T        | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 87<br>(2210) | 28<br>(711) | 37<br>(940) | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 364TS       | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 85<br>(2159) | 28<br>(711) | 37<br>(940) | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 365T        | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 88<br>(2235) | 28<br>(711) | 37<br>(940) | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 365TS       | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 86<br>(2184) | 28<br>(711) | 37<br>(940) | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |

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

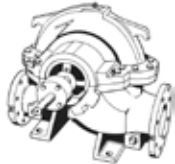
Dimensions are subject to change. Not to be used for construction purposes unless certified.

## SERIES A-C 9100

**SUBMITTAL**

**AC-545.17**

|                                                                                   |                                                                                                   |                                              |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>JOB:</b><br><br><br><b>UNIT TAG:</b><br><b>ENGINEER:</b><br><b>CONTRACTOR:</b> | <b>REPRESENTATIVE:</b><br><br><br><b>ORDER NO.</b><br><b>SUBMITTED BY:</b><br><b>APPROVED BY:</b> | <b>DATE:</b><br><b>DATE:</b><br><b>DATE:</b> |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|



## 14X10X20L - Frames: 404T-449TS

### Series A-C 9100

Base Mounted - Double Suction Centrifugal Pumps

#### SPECIFICATIONS:

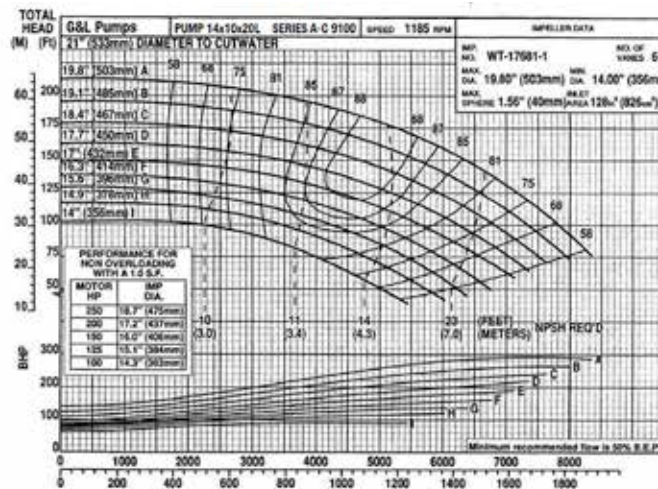
\_\_\_\_\_ GPM \_\_\_\_\_ FT. \_\_\_\_\_ RPM  
 MOTOR \_\_\_\_\_  
 DATA: \_\_\_\_\_ HP \_\_\_\_\_ VOLTS  
 \_\_\_\_\_ ENCL. \_\_\_\_\_ HZ \_\_\_\_\_ PHASE  
 SPEC. CONSTR.: \_\_\_\_\_  
 APPROX. \_\_\_\_\_  
 WEIGHT \_\_\_\_\_ LBS.

#### 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:** \_\_\_\_\_

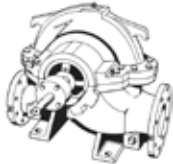


## SERIES A-C 9100

**SUBMITTAL**

**AC-545.17**

|                                                                                   |                                                                                                   |                                              |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>JOB:</b><br><br><br><b>UNIT TAG:</b><br><b>ENGINEER:</b><br><b>CONTRACTOR:</b> | <b>REPRESENTATIVE:</b><br><br><br><b>ORDER NO.</b><br><b>SUBMITTED BY:</b><br><b>APPROVED BY:</b> | <b>DATE:</b><br><b>DATE:</b><br><b>DATE:</b> |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|



## 14X10X20L - Frames: 404T-449TS

### Series A-C 9100

Base Mounted - Double Suction Centrifugal Pumps

#### SPECIFICATIONS:

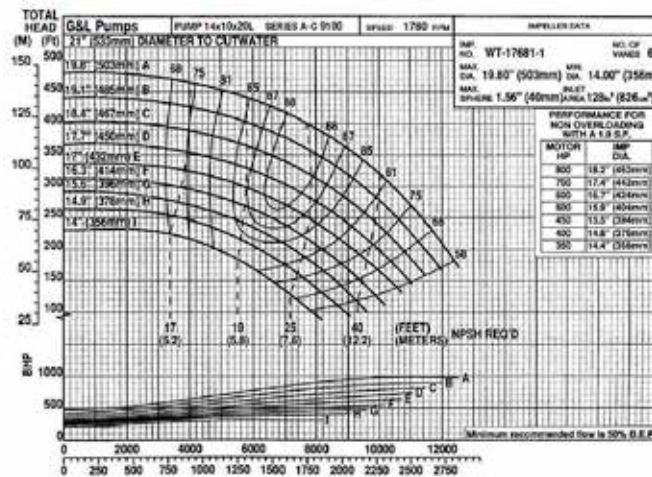
\_\_\_\_\_ GPM \_\_\_\_\_ FT. \_\_\_\_\_ RPM  
 MOTOR  
 DATA: \_\_\_\_\_ HP \_\_\_\_\_ VOLTS  
 \_\_\_\_\_ ENCL. \_\_\_\_\_ HZ \_\_\_\_\_ PHASE  
 SPEC.CONSTR.: \_\_\_\_\_  
 APPROX.  
 WEIGHT \_\_\_\_\_ LBS.

#### 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:** \_\_\_\_\_

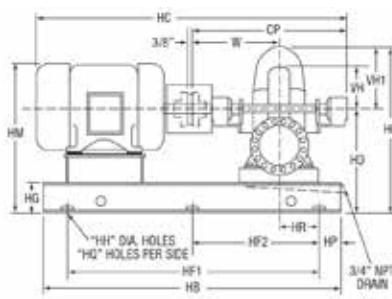
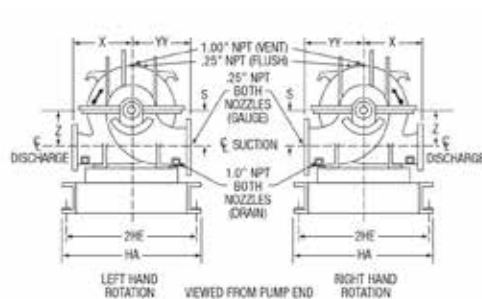




## SERIES A-C 9100

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

AC-545.17

FLANGE DIMENSIONS  
IN INCHES (MM)

| Discharge | Suction |
|-----------|---------|
| 14        | 10      |

\*\*\*Flange dimensions are in accordance with ANSI A21.10, ASME C110 & ANSI B16.1 class 125.  
 \*\*\*Flange dimensions are in accordance with ANSI B16.1 class 250 except flanges are flat faced, i.e., F.F.

## DIMENSIONS - Inches (mm)

| MOTOR FRAME | HA          | HB           | 2HE            | HF <sub>1</sub> | HF <sub>2</sub> | HG         | HH          | HP         | HR            | CP              | HC*           | HD          | HM*          | HO              | HQ | S & Z       | VH             | VH <sub>1</sub> | W             | X           | YY          |
|-------------|-------------|--------------|----------------|-----------------|-----------------|------------|-------------|------------|---------------|-----------------|---------------|-------------|--------------|-----------------|----|-------------|----------------|-----------------|---------------|-------------|-------------|
| 404T        | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 91<br>(2311)  | 28<br>(711) | 39<br>(991)  | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 404TS       | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 90<br>(2286)  | 28<br>(711) | 39<br>(991)  | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 405T        | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 93<br>(2362)  | 28<br>(711) | 39<br>(991)  | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 405TS       | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 90<br>(2286)  | 28<br>(711) | 39<br>(991)  | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 444T        | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 99<br>(2515)  | 28<br>(711) | 40<br>(1016) | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 444TS       | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 95<br>(2413)  | 28<br>(711) | 40<br>(1016) | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 445T        | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 101<br>(2565) | 28<br>(711) | 40<br>(1016) | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 445TS       | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 97<br>(2464)  | 28<br>(711) | 40<br>(1016) | 49.75<br>(1264) | 3  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 447T        | 27<br>(686) | 90<br>(2286) | 25.76<br>(654) | 78<br>(1981)    | 26<br>(660)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 104<br>(2642) | 28<br>(711) | 40<br>(1016) | 49.75<br>(1264) | 4  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 447TS       | 27<br>(686) | 90<br>(2286) | 25.76<br>(654) | 78<br>(1981)    | 26<br>(660)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 100<br>(2540) | 28<br>(711) | 40<br>(1016) | 49.75<br>(1264) | 4  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 449T        | 27<br>(686) | 90<br>(2286) | 25.76<br>(654) | 78<br>(1981)    | 26<br>(660)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 109<br>(2769) | 28<br>(711) | 40<br>(1016) | 49.75<br>(1264) | 4  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 449TS       | 27<br>(686) | 90<br>(2286) | 25.76<br>(654) | 78<br>(1981)    | 26<br>(660)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 106<br>(2692) | 28<br>(711) | 40<br>(1016) | 49.75<br>(1264) | 4  | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |

\*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.

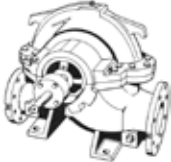
As a reference, @460 volts, verify weights of 2-pole 450HP, 4-pole 600HP, and 6-pole 500HP.

## SERIES A-C 9100

**SUBMITTAL**

**AC-545.18A**

|                                                                                   |                                                                                                   |                                              |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>JOB:</b><br><br><br><b>UNIT TAG:</b><br><b>ENGINEER:</b><br><b>CONTRACTOR:</b> | <b>REPRESENTATIVE:</b><br><br><br><b>ORDER NO.</b><br><b>SUBMITTED BY:</b><br><b>APPROVED BY:</b> | <b>DATE:</b><br><b>DATE:</b><br><b>DATE:</b> |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|



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

### SPECIFICATIONS:

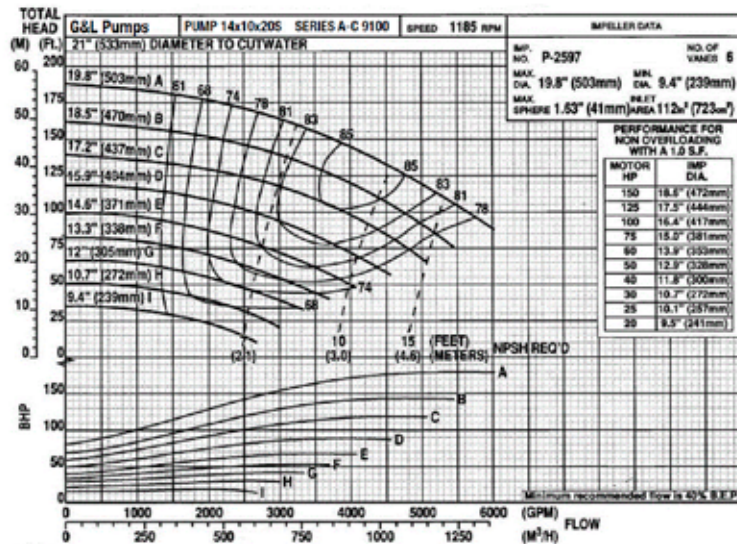
\_\_\_\_\_ GPM \_\_\_\_\_ FT. \_\_\_\_\_ RPM  
 MOTOR \_\_\_\_\_ HP \_\_\_\_\_ VOLTS  
 DATA: \_\_\_\_\_  
 \_\_\_\_\_ ENCL. \_\_\_\_\_ HZ \_\_\_\_\_ PHASE  
 SPEC. CONSTR.: \_\_\_\_\_  
 APPROX. \_\_\_\_\_  
 WEIGHT \_\_\_\_\_ LBS.

### 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:** \_\_\_\_\_



## SERIES A-C 9100

**SUBMITTAL**

**AC-545.18A**

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

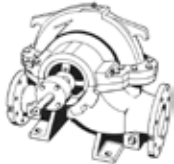
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



## 14X10X20L - 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

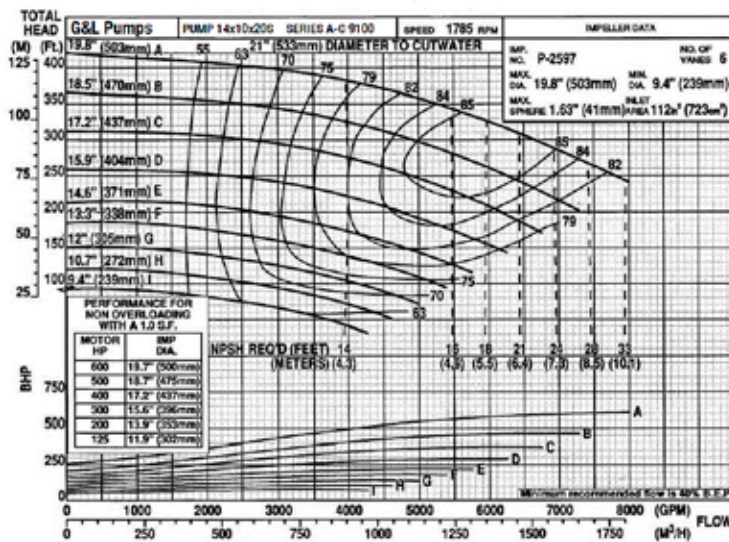
☐ OPTIONAL: 300 PSIG (21 bar) working pressure, \*\*\*250# ANSI Flange Configuration

☐ 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).

☐ 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:

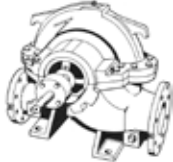


## SERIES A-C 9100

**SUBMITTAL**

**AC-545.18A**

|                                                                                   |                                                                                                   |                                              |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>JOB:</b><br><br><br><b>UNIT TAG:</b><br><b>ENGINEER:</b><br><b>CONTRACTOR:</b> | <b>REPRESENTATIVE:</b><br><br><br><b>ORDER NO.</b><br><b>SUBMITTED BY:</b><br><b>APPROVED BY:</b> | <b>DATE:</b><br><b>DATE:</b><br><b>DATE:</b> |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|



## 14X10X20L - Frames: 5807S TEFC-6809S WPI Series A-C 9100

**Base Mounted - Double Suction Centrifugal Pumps**

### SPECIFICATIONS:

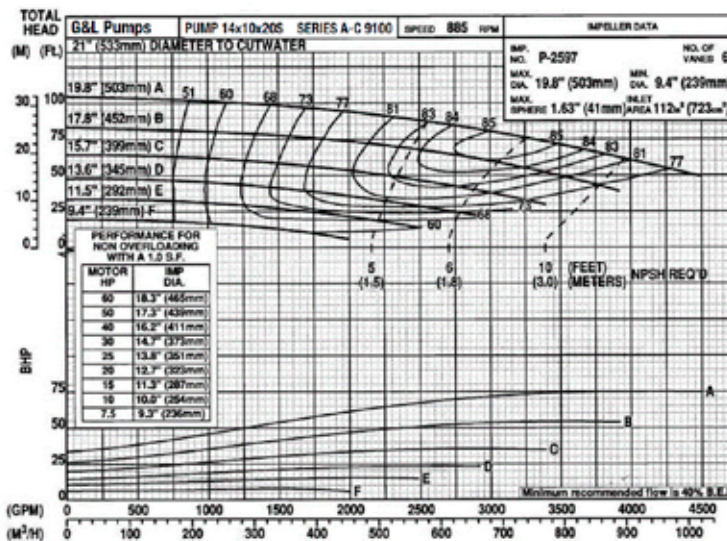
\_\_\_\_\_ GPM \_\_\_\_\_ FT. \_\_\_\_\_ RPM  
**MOTOR**  
**DATA:** \_\_\_\_\_ HP \_\_\_\_\_ VOLTS  
 \_\_\_\_\_ ENCL. \_\_\_\_\_ HZ \_\_\_\_\_ PHASE  
**SPEC.CONSTR.:** \_\_\_\_\_  
**APPROX.**  
**WEIGHT** \_\_\_\_\_ LBS.

### 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).
- ☐ **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:** \_\_\_\_\_

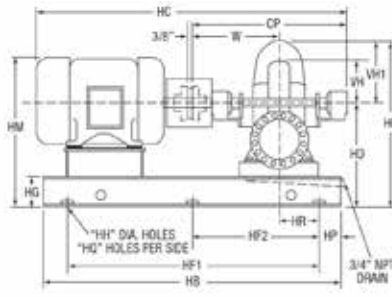
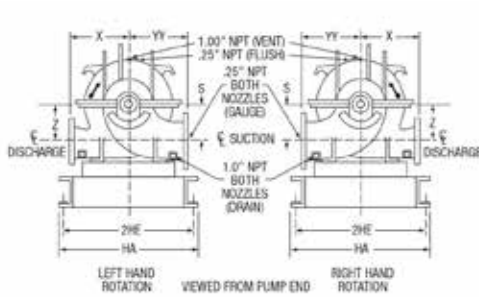




## SERIES A-C 9100

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

AC-545.18A



| FLANGE DIMENSIONS<br>IN INCHES (MM) |         |
|-------------------------------------|---------|
| Discharge                           | Suction |
| 14                                  | 10      |

\*\*\*Flange dimensions are in accordance with ANSI A21.10, ANSI C110 & ANSI B16.1 class 125.  
\*\*\*Flange dimensions are in accordance with ANSI B16.1 class 250 except flanges are flat faced, i.e., F.F.

### DIMENSIONS - Inches (mm)

| MOTOR FRAME   | HA          | HB            | 2HE         | HF <sub>1</sub> | HF <sub>2</sub> | HG          | HH           | HP         | HR            | CP              | HC*           | HD          | HM*          | HO              | HQ         | S & Z       | VH             | VH <sub>1</sub> | W             | X           | YY          |
|---------------|-------------|---------------|-------------|-----------------|-----------------|-------------|--------------|------------|---------------|-----------------|---------------|-------------|--------------|-----------------|------------|-------------|----------------|-----------------|---------------|-------------|-------------|
| 5807S<br>TEFC | 32<br>(813) | 93<br>(2362)  | 30<br>(762) | 81<br>(2057)    | 27<br>(686)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 113<br>(2870) | 32<br>(813) | 48<br>(1219) | 53.75<br>(1365) | 4<br>(102) | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 5809S<br>TEFC | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 120<br>(3048) | 32<br>(813) | 48<br>(1219) | 53.75<br>(1365) | 4<br>(102) | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 5811S<br>TEFC | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 128<br>(3251) | 32<br>(813) | 46<br>(1168) | 53.75<br>(1365) | 4<br>(102) | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 5007S<br>WPI  | 32<br>(813) | 93<br>(2362)  | 30<br>(762) | 81<br>(2057)    | 27<br>(686)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 100<br>(2540) | 32<br>(813) | 45<br>(1143) | 53.75<br>(1365) | 4<br>(102) | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 5009S<br>WPI  | 32<br>(813) | 93<br>(2362)  | 30<br>(762) | 81<br>(2057)    | 27<br>(686)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 105<br>(2667) | 32<br>(813) | 45<br>(1143) | 53.75<br>(1365) | 4<br>(102) | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 5010S<br>WPI  | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 109<br>(2769) | 32<br>(813) | 45<br>(1143) | 53.75<br>(1365) | 4<br>(102) | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 5807S<br>WPI  | 32<br>(813) | 93<br>(2362)  | 30<br>(762) | 81<br>(2057)    | 27<br>(686)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 106<br>(2692) | 32<br>(813) | 45<br>(1143) | 53.75<br>(1365) | 4<br>(102) | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 5809S<br>WPI  | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 113<br>(2870) | 32<br>(813) | 45<br>(1143) | 53.75<br>(1365) | 4<br>(102) | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 5810MS<br>WPI | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 118<br>(2997) | 32<br>(813) | 45<br>(1143) | 53.75<br>(1365) | 4<br>(102) | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 5811MS<br>WPI | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 122<br>(3099) | 32<br>(813) | 47<br>(1194) | 53.75<br>(1365) | 4<br>(102) | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |
| 6809S<br>WPI  | 35<br>(889) | 118<br>(2997) | 33<br>(838) | 106<br>(2692)   | 26.5<br>(673)   | 10<br>(254) | 1.12<br>(28) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 125<br>(3175) | 34<br>(864) | 51<br>(1295) | 55.75<br>(1416) | 5<br>(127) | 13<br>(330) | 14.75<br>(375) | 21.75<br>(552)  | 30.5<br>(775) | 19<br>(483) | 21<br>(533) |

\*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

**SUBMITTAL**

**AC-545.19**

|                                                                                   |                                                                                                   |                                              |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>JOB:</b><br><br><br><b>UNIT TAG:</b><br><b>ENGINEER:</b><br><b>CONTRACTOR:</b> | <b>REPRESENTATIVE:</b><br><br><br><b>ORDER NO.</b><br><b>SUBMITTED BY:</b><br><b>APPROVED BY:</b> | <b>DATE:</b><br><b>DATE:</b><br><b>DATE:</b> |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|



## 16X12X23 - Frames: 284T-365TS

### Series A-C 9100

#### Base Mounted - Double Suction Centrifugal Pumps

#### SPECIFICATIONS:

\_\_\_\_\_ GPM \_\_\_\_\_ FT. \_\_\_\_\_ RPM

MOTOR \_\_\_\_\_ HP \_\_\_\_\_ VOLTS

DATA: \_\_\_\_\_

\_\_\_\_\_ ENCL. \_\_\_\_\_ HZ \_\_\_\_\_ PHASE

SPEC.CONSTR.: \_\_\_\_\_

APPROX. \_\_\_\_\_

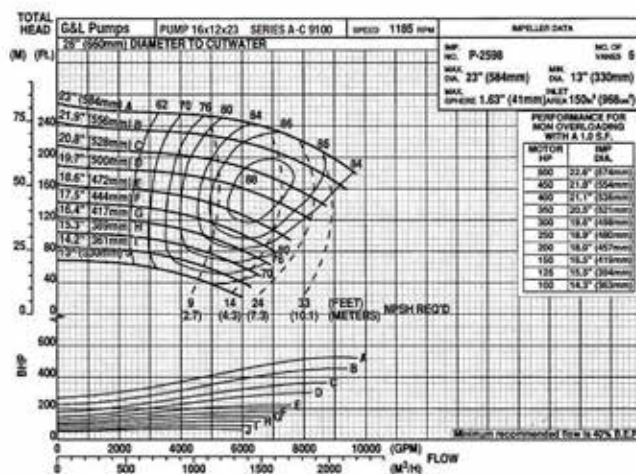
WEIGHT \_\_\_\_\_ LBS.

#### 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:** \_\_\_\_\_



SUBMITTAL

**AC-545.19**

**JOB:**

**REPRESENTATIVE:**

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

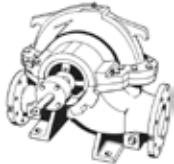
**SUBMITTED BY:**

DATE:

**CONTRACTOR:**

**APPROVED BY:**

DATE:



**16X12X23 - 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. \_\_\_\_\_

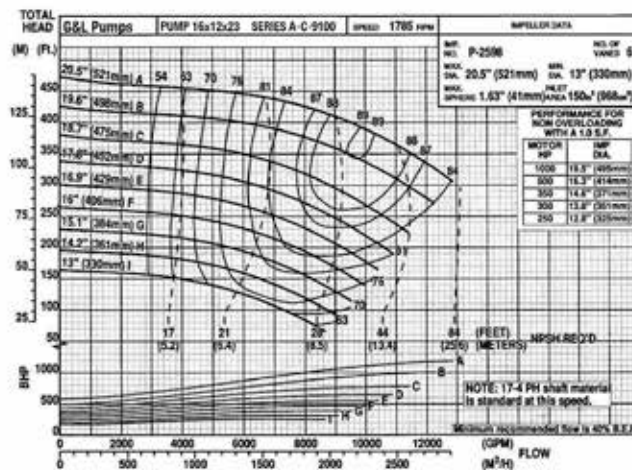
WEIGHT \_\_\_\_\_ LBS.

## 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:**

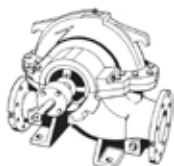


## SERIES A-C 9100

**SUBMITTAL**

**AC-545.19**

|                                                                                   |                                                                                                   |                                              |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>JOB:</b><br><br><br><b>UNIT TAG:</b><br><b>ENGINEER:</b><br><b>CONTRACTOR:</b> | <b>REPRESENTATIVE:</b><br><br><br><b>ORDER NO.</b><br><b>SUBMITTED BY:</b><br><b>APPROVED BY:</b> | <b>DATE:</b><br><b>DATE:</b><br><b>DATE:</b> |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|



## 16X12X23 - Frames: 284T-365TS

### Series A-C 9100

Base Mounted - Double Suction Centrifugal Pumps

#### SPECIFICATIONS:

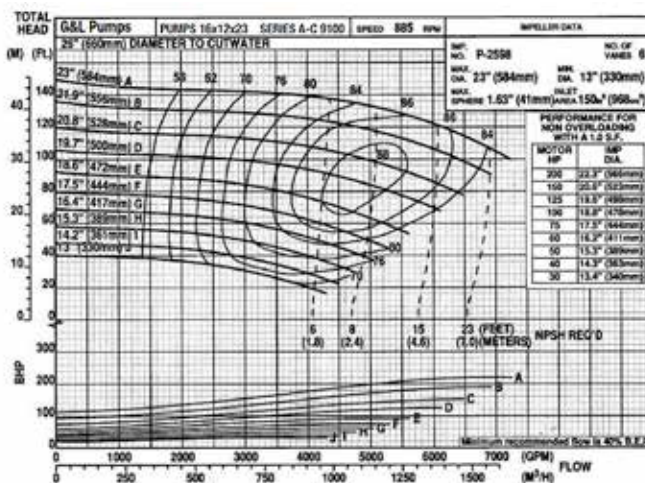
\_\_\_\_\_ GPM \_\_\_\_\_ FT. \_\_\_\_\_ RPM  
**MOTOR**  
**DATA:** \_\_\_\_\_ HP \_\_\_\_\_ VOLTS  
 \_\_\_\_\_ ENCL. \_\_\_\_\_ HZ \_\_\_\_\_ PHASE  
**SPEC.CONSTR.:** \_\_\_\_\_  
**APPROX.**  
**WEIGHT** \_\_\_\_\_ LBS.

#### 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:** \_\_\_\_\_

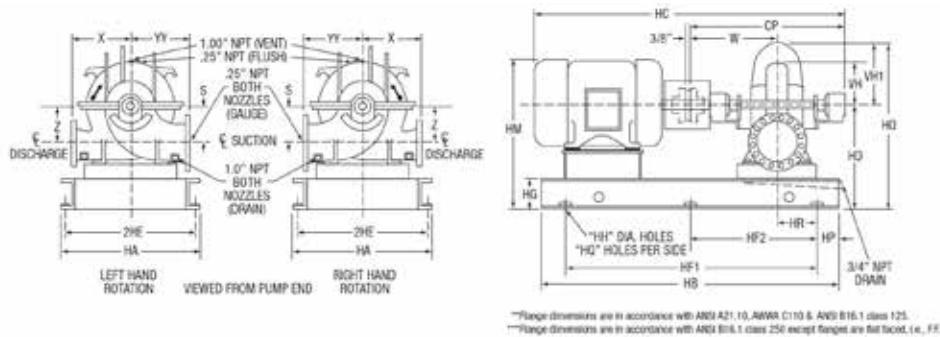




## SERIES A-C 9100

## Series A-C 9100 16X12X23 Centrifugal Pump Submittal

AC-545.19

FLANGE DIMENSIONS  
IN INCHES (MM)

| Discharge | Suction |
|-----------|---------|
| 16        | 12      |

## DIMENSIONS - Inches (mm)

| MOTOR FRAME | HA          | HB           | 2HE            | HF <sub>1</sub> | HF <sub>2</sub> | HG         | HH          | HP         | HR            | CP              | HC*          | HD          | HM*          | HO              | HQ | S & Z       | VH            | VH <sub>1</sub> | W             | X           | YY          |
|-------------|-------------|--------------|----------------|-----------------|-----------------|------------|-------------|------------|---------------|-----------------|--------------|-------------|--------------|-----------------|----|-------------|---------------|-----------------|---------------|-------------|-------------|
| 284T        | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 82<br>(2083) | 30<br>(762) | 37<br>(940)  | 55.88<br>(1419) | 3  | 14<br>(356) | 17.7<br>(450) | 25.88<br>(657)  | 30.5<br>(775) | 25<br>(635) | 25<br>(635) |
| 284TS       | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 79<br>(2007) | 30<br>(762) | 37<br>(940)  | 55.88<br>(1419) | 3  | 14<br>(356) | 17.7<br>(450) | 25.88<br>(657)  | 30.5<br>(775) | 25<br>(635) | 25<br>(635) |
| 286T        | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 82<br>(2083) | 30<br>(762) | 37<br>(940)  | 55.88<br>(1419) | 3  | 14<br>(356) | 17.7<br>(450) | 25.88<br>(657)  | 30.5<br>(775) | 25<br>(635) | 25<br>(635) |
| 286TS       | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 81<br>(2057) | 30<br>(762) | 37<br>(940)  | 55.88<br>(1419) | 3  | 14<br>(356) | 17.7<br>(450) | 25.88<br>(657)  | 30.5<br>(775) | 25<br>(635) | 25<br>(635) |
| 324T        | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 84<br>(2134) | 30<br>(762) | 39<br>(991)  | 55.88<br>(1419) | 3  | 14<br>(356) | 17.7<br>(450) | 25.88<br>(657)  | 30.5<br>(775) | 25<br>(635) | 25<br>(635) |
| 324TS       | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 83<br>(2108) | 30<br>(762) | 39<br>(991)  | 55.88<br>(1419) | 3  | 14<br>(356) | 17.7<br>(450) | 25.88<br>(657)  | 30.5<br>(775) | 25<br>(635) | 25<br>(635) |
| 326T        | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 86<br>(2184) | 30<br>(762) | 39<br>(991)  | 55.88<br>(1419) | 3  | 14<br>(356) | 17.7<br>(450) | 25.88<br>(657)  | 30.5<br>(775) | 25<br>(635) | 25<br>(635) |
| 326TS       | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .76<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 84<br>(2134) | 30<br>(762) | 39<br>(991)  | 55.88<br>(1419) | 3  | 14<br>(356) | 17.7<br>(450) | 25.88<br>(657)  | 30.5<br>(775) | 25<br>(635) | 25<br>(635) |
| 364T        | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .76<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 87<br>(2210) | 30<br>(762) | 40<br>(1016) | 55.88<br>(1419) | 3  | 14<br>(356) | 17.7<br>(450) | 25.88<br>(657)  | 30.5<br>(775) | 25<br>(635) | 25<br>(635) |
| 364TS       | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .76<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 85<br>(2159) | 30<br>(762) | 40<br>(1016) | 55.88<br>(1419) | 3  | 14<br>(356) | 17.7<br>(450) | 25.88<br>(657)  | 30.5<br>(775) | 25<br>(635) | 25<br>(635) |
| 365T        | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .76<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 88<br>(2235) | 30<br>(762) | 40<br>(1016) | 55.88<br>(1419) | 3  | 14<br>(356) | 17.7<br>(450) | 25.88<br>(657)  | 30.5<br>(775) | 25<br>(635) | 25<br>(635) |
| 365TS       | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .76<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 86<br>(2184) | 30<br>(762) | 40<br>(1016) | 55.88<br>(1419) | 3  | 14<br>(356) | 17.7<br>(450) | 25.88<br>(657)  | 30.5<br>(775) | 25<br>(635) | 25<br>(635) |

\*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

**SUBMITTAL**

**AC-545.20**

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

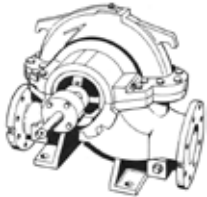
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



## 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 \_\_\_\_\_ 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

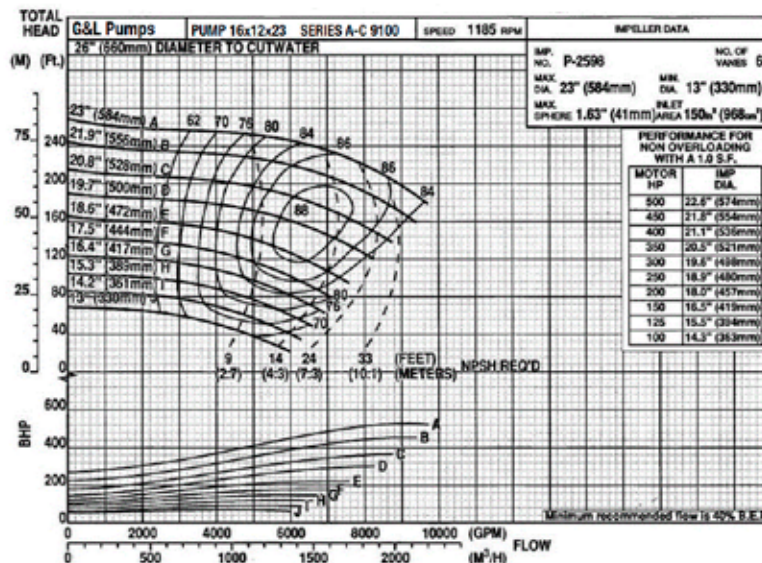
☐ **OPTIONAL:** 300 PSIG (21 bar) working pressure, \*\*\*250# ANSI Flange Configuration

☐ **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).

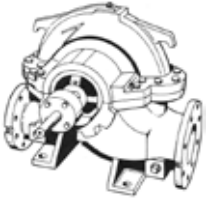
☐ **OPTIONAL:** Crane Type 8B-1, Viton/Carbon-Ceramic, 200 PSIG (13 Bar) maximum suction pressure, from -10° to 220°F (-23 °C to 104 °C).

☐ **OTHER:**



**SUBMITTAL****AC-545.20**

|                                                                                   |                                                                                                                                                       |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>JOB:</b><br><br><br><b>UNIT TAG:</b><br><b>ENGINEER:</b><br><b>CONTRACTOR:</b> | <b>REPRESENTATIVE:</b><br><br><br><b>ORDER NO.</b><br><b>SUBMITTED BY:</b><br><b>APPROVED BY:</b><br><br><b>DATE:</b><br><b>DATE:</b><br><b>DATE:</b> |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|



## 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.

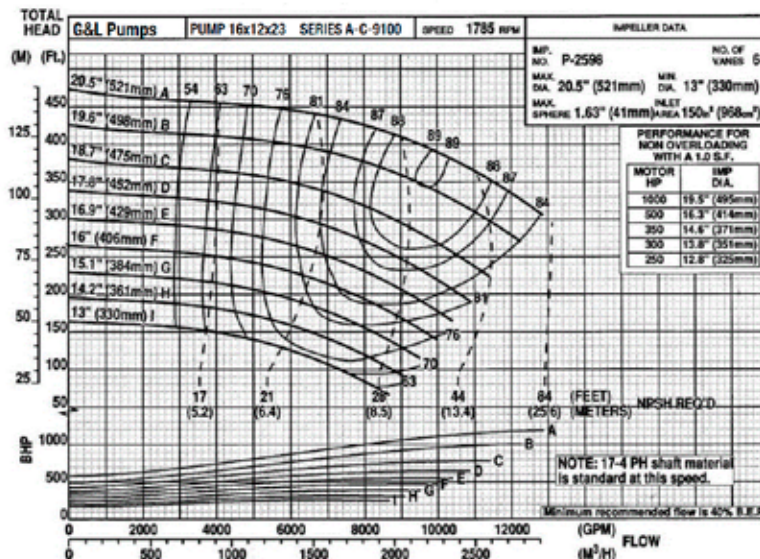
WEIGHT \_\_\_\_\_ LBS.

**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:** \_\_\_\_\_

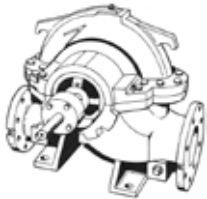


## SERIES A-C 9100

**SUBMITTAL**

**AC-545.20**

|                                                                                   |                                                                                                   |                                              |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>JOB:</b><br><br><br><b>UNIT TAG:</b><br><b>ENGINEER:</b><br><b>CONTRACTOR:</b> | <b>REPRESENTATIVE:</b><br><br><br><b>ORDER NO.</b><br><b>SUBMITTED BY:</b><br><b>APPROVED BY:</b> | <b>DATE:</b><br><b>DATE:</b><br><b>DATE:</b> |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|



## 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 \_\_\_\_\_ 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

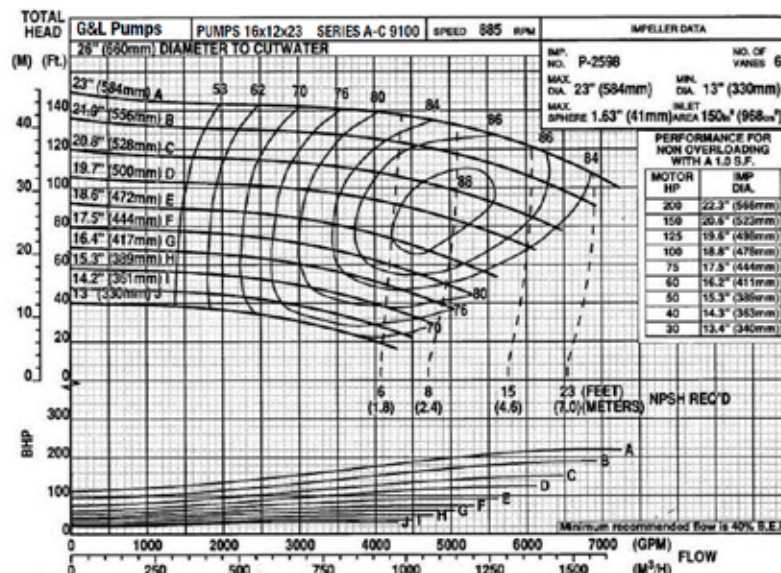
☐ **OPTIONAL:** 300 PSIG (21 bar) working pressure, \*\*\*250# ANSI Flange Configuration

☐ **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:**

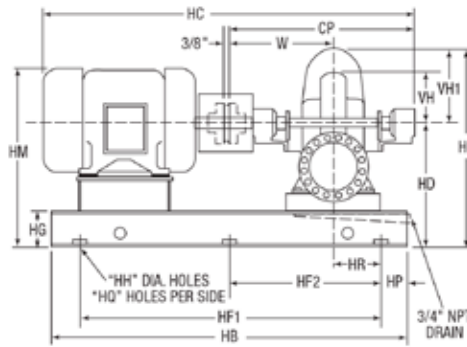
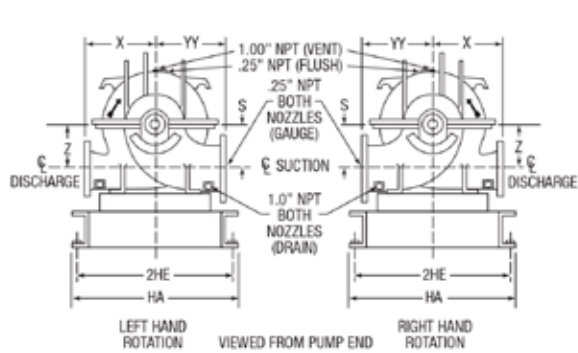




## SERIES A-C 9100

## Series A-C 9100 16X12X23 Centrifugal Pump Submittal

AC-545.20



\*\*\*Flange dimensions are in accordance with ANSI A21.10, AWWA C110 & ANSI B16.1 class 125.  
 \*\*\*Flange dimensions are in accordance with ANSI B16.1 class 250 except flanges are flat faced, i.e., FF.

| FLANGE<br>DIMENSIONS IN<br>INCHES (MM) |         |
|----------------------------------------|---------|
| Discharge                              | Suction |
| 16                                     | 12      |

## DIMENSIONS - Inches (mm)

| MOTOR FRAME | HA          | HB           | 2HE            | HF <sub>1</sub> | HF <sub>2</sub> | HG         | HH          | HP         | HR            | CP              | HC            | HD          | HM*          | HO              | HQ | S & Z       | VH            | VH <sub>1</sub> | W             | X           | YY          |
|-------------|-------------|--------------|----------------|-----------------|-----------------|------------|-------------|------------|---------------|-----------------|---------------|-------------|--------------|-----------------|----|-------------|---------------|-----------------|---------------|-------------|-------------|
| 404T        | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 91<br>(2311)  | 30<br>(762) | 41<br>(1041) | 55.88<br>(1419) | 3  | 14<br>(356) | 17.7<br>(450) | 25.88<br>(657)  | 30.5<br>(775) | 25<br>(635) | 25<br>(635) |
| 404TS       | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 90<br>(2286)  | 30<br>(762) | 41<br>(1041) | 55.88<br>(1419) | 3  | 14<br>(356) | 17.7<br>(450) | 25.88<br>(657)  | 30.5<br>(775) | 25<br>(635) | 25<br>(635) |
| 405T        | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 93<br>(2362)  | 30<br>(762) | 41<br>(1041) | 55.88<br>(1419) | 3  | 14<br>(356) | 17.7<br>(450) | 25.88<br>(657)  | 30.5<br>(775) | 25<br>(635) | 25<br>(635) |
| 405TS       | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 90<br>(2286)  | 30<br>(762) | 41<br>(1041) | 55.88<br>(1419) | 3  | 14<br>(356) | 17.7<br>(450) | 25.88<br>(657)  | 30.5<br>(775) | 25<br>(635) | 25<br>(635) |
| 444T        | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 99<br>(2515)  | 30<br>(762) | 42<br>(1041) | 55.88<br>(1419) | 3  | 14<br>(356) | 17.7<br>(450) | 25.88<br>(657)  | 30.5<br>(775) | 25<br>(635) | 25<br>(635) |
| 444TS       | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 95<br>(2413)  | 30<br>(762) | 42<br>(1067) | 55.88<br>(1419) | 3  | 14<br>(356) | 17.7<br>(450) | 25.88<br>(657)  | 30.5<br>(775) | 25<br>(635) | 25<br>(635) |
| 445T        | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 101<br>(2565) | 30<br>(762) | 42<br>(1067) | 55.88<br>(1419) | 3  | 14<br>(356) | 17.7<br>(450) | 25.88<br>(657)  | 30.5<br>(775) | 25<br>(635) | 25<br>(635) |
| 445TS       | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 97<br>(2464)  | 30<br>(762) | 42<br>(1067) | 55.88<br>(1419) | 3  | 14<br>(356) | 17.7<br>(450) | 25.88<br>(657)  | 30.5<br>(775) | 25<br>(635) | 25<br>(635) |
| 447T        | 27<br>(686) | 90<br>(2286) | 25.76<br>(654) | 78<br>(1981)    | 26<br>(660)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 104<br>(2642) | 30<br>(762) | 42<br>(1067) | 55.88<br>(1419) | 4  | 14<br>(356) | 17.7<br>(450) | 25.88<br>(657)  | 30.5<br>(775) | 25<br>(635) | 25<br>(635) |
| 447TS       | 27<br>(686) | 90<br>(2286) | 25.76<br>(654) | 78<br>(1981)    | 26<br>(660)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 100<br>(2540) | 30<br>(762) | 42<br>(1067) | 55.88<br>(1419) | 4  | 14<br>(356) | 17.7<br>(450) | 25.88<br>(657)  | 30.5<br>(775) | 25<br>(635) | 25<br>(635) |
| 449T        | 27<br>(686) | 90<br>(2286) | 25.76<br>(654) | 78<br>(1981)    | 26<br>(660)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 109<br>(2769) | 30<br>(762) | 42<br>(1067) | 55.88<br>(1419) | 4  | 14<br>(356) | 17.7<br>(450) | 25.88<br>(657)  | 30.5<br>(775) | 25<br>(635) | 25<br>(635) |
| 449TS       | 27<br>(686) | 90<br>(2286) | 25.76<br>(654) | 78<br>(1981)    | 26<br>(660)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 106<br>(2692) | 30<br>(762) | 42<br>(1067) | 55.88<br>(1419) | 4  | 14<br>(356) | 17.7<br>(450) | 25.88<br>(657)  | 30.5<br>(775) | 25<br>(635) | 25<br>(635) |

\*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

**SUBMITTAL****AC-545.21**

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

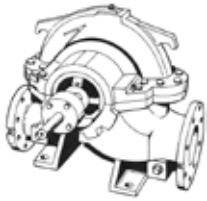
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



# 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.

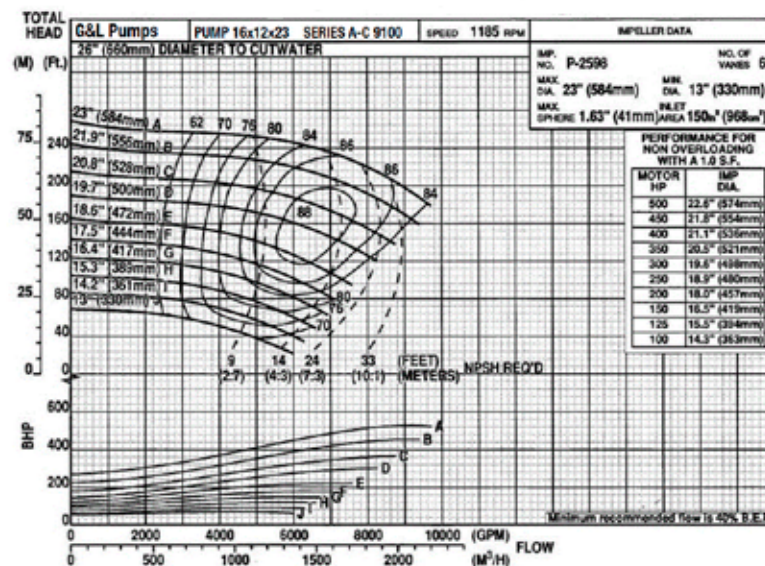
WEIGHT \_\_\_\_\_ LBS.

**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:** \_\_\_\_\_

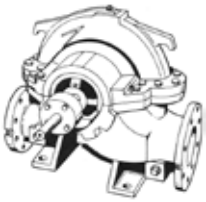


## SERIES A-C 9100

SUBMITTAL

AC-545.21

|                                                                                       |                                                                                                       |                                              |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>JOB:</b><br><br><br><br><b>UNIT TAG:</b><br><b>ENGINEER:</b><br><b>CONTRACTOR:</b> | <b>REPRESENTATIVE:</b><br><br><br><br><b>ORDER NO.</b><br><b>SUBMITTED BY:</b><br><b>APPROVED BY:</b> | <b>DATE:</b><br><b>DATE:</b><br><b>DATE:</b> |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------|



## 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. \_\_\_\_\_

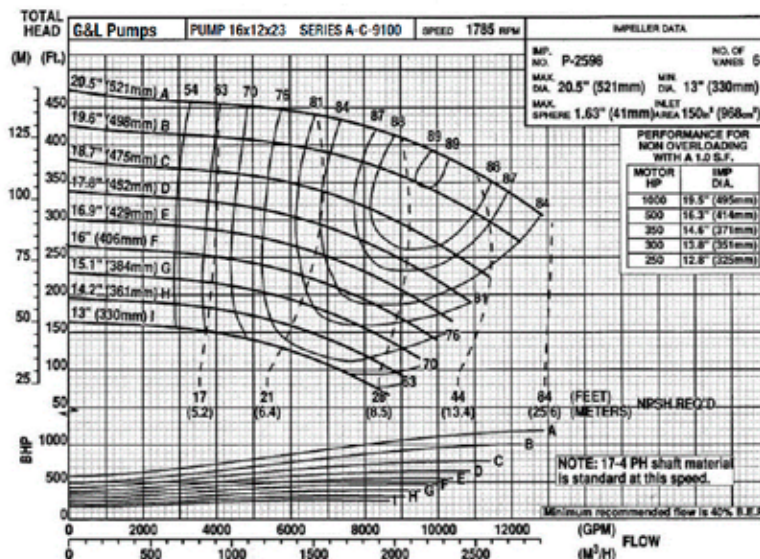
WEIGHT \_\_\_\_\_ LBS.

**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:** \_\_\_\_\_



## SERIES A-C 9100

**SUBMITTAL****AC-545.21**

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

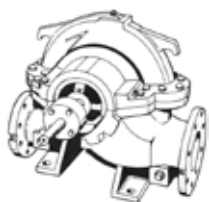
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



# 16X12X23 - Frames: 5807S TEFC-5811MS WPI

## Series A-C 9100

### Base Mounted - Double Suction Centrifugal Pumps

**SPECIFICATIONS:**

\_\_\_\_\_ GPM \_\_\_\_\_ FT. \_\_\_\_\_ RPM

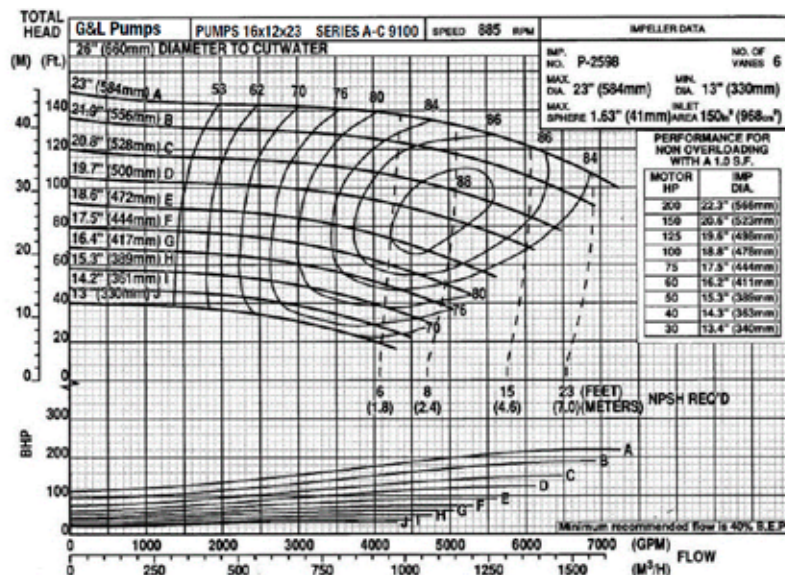
MOTOR DATA: \_\_\_\_\_ HP \_\_\_\_\_ VOLTS

\_\_\_\_\_ ENCL. \_\_\_\_\_ HZ \_\_\_\_\_ PHASE

SPEC.CONSTR.: \_\_\_\_\_

APPROX.

WEIGHT \_\_\_\_\_ LBS.

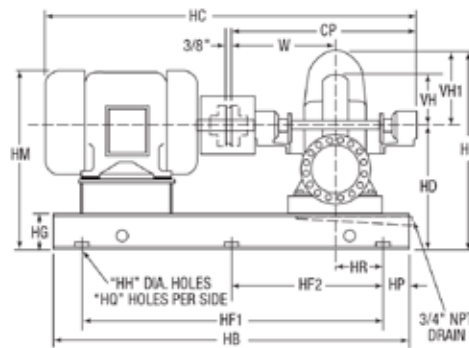
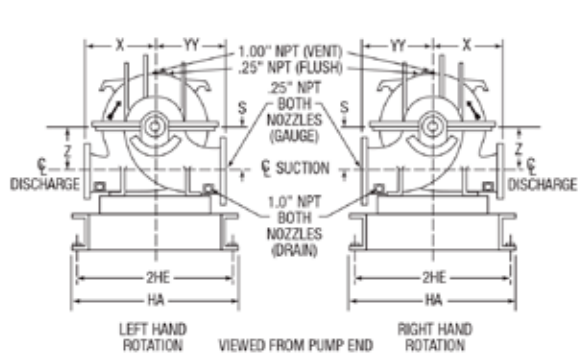
**MATERIALS OF CONSTRUCTION**☒ CAST IRON BRONZE FITTED☒ FABRICATED HEAVY DUTY☒ OSHA COUPLING GUARD☒ ALL METAL GEAR TYPE COUPLING☐ GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)**TYPE OF SEAL**☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, \*\*125# ANSI Flange Configuration☐ **OPTIONAL:** 300 PSIG (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:**



## SERIES A-C 9100

## Series A-C 9100 16X12X23 Centrifugal Pump Submittal

AC-545.21



\*\*\*Flange dimensions are in accordance with ANSI A21.10, AWWA C119 & ANSI B16.1 class 125.  
 \*\*\*Flange dimensions are in accordance with ANSI B16.1 class 250 except flanges are flat faced, i.e., FF.

| FLANGE<br>DIMENSIONS IN<br>INCHES (MM) |         |
|----------------------------------------|---------|
| Discharge                              | Suction |
| 16                                     | 12      |

## DIMENSIONS - Inches (mm)

| MOTOR<br>FRAME | HA          | HB            | 2HE         | HF <sub>1</sub> | HF <sub>2</sub> | HG         | HH          | HP         | HR            | CP              | HC*           | HD          | HM*          | HO              | HQ | S & Z       | VH            | VH <sub>1</sub> | W             | X           | YY          |
|----------------|-------------|---------------|-------------|-----------------|-----------------|------------|-------------|------------|---------------|-----------------|---------------|-------------|--------------|-----------------|----|-------------|---------------|-----------------|---------------|-------------|-------------|
| 5807S<br>TEFC  | 32<br>(813) | 93<br>(2362)  | 30<br>(762) | 81<br>(2057)    | 27<br>(686)     | 8<br>(203) | .88<br>(22) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 113<br>(2870) | 34<br>(864) | 50<br>(1270) | 59.88<br>(1521) | 4  | 14<br>(356) | 17.7<br>(450) | 25.88<br>(657)  | 30.5<br>(775) | 25<br>(635) | 25<br>(635) |
| 5809S<br>TEFC  | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203) | .88<br>(22) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 120<br>(3048) | 34<br>(864) | 50<br>(1270) | 59.88<br>(1521) | 4  | 14<br>(356) | 17.7<br>(450) | 25.88<br>(657)  | 30.5<br>(775) | 25<br>(635) | 25<br>(635) |
| 5811S<br>TEFC  | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203) | .88<br>(22) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 128<br>(3251) | 34<br>(864) | 48<br>(1219) | 59.88<br>(1521) | 4  | 14<br>(356) | 17.7<br>(450) | 25.88<br>(657)  | 30.5<br>(775) | 25<br>(635) | 25<br>(635) |
| 5007S<br>WPI   | 32<br>(813) | 93<br>(2362)  | 30<br>(762) | 81<br>(2057)    | 27<br>(686)     | 8<br>(203) | .88<br>(22) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 100<br>(2540) | 34<br>(864) | 47<br>(1194) | 59.88<br>(1521) | 4  | 14<br>(356) | 17.7<br>(450) | 25.88<br>(657)  | 30.5<br>(775) | 25<br>(635) | 25<br>(635) |
| 5009S<br>WPI   | 32<br>(813) | 93<br>(2362)  | 30<br>(762) | 81<br>(2057)    | 27<br>(686)     | 8<br>(203) | .88<br>(22) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 105<br>(2667) | 34<br>(864) | 47<br>(1194) | 59.88<br>(1521) | 4  | 14<br>(356) | 17.7<br>(450) | 25.88<br>(657)  | 30.5<br>(775) | 25<br>(635) | 25<br>(635) |
| 5010S<br>WPI   | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203) | .88<br>(22) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 109<br>(2769) | 34<br>(864) | 47<br>(1194) | 59.88<br>(1521) | 4  | 14<br>(356) | 17.7<br>(450) | 25.88<br>(657)  | 30.5<br>(775) | 25<br>(635) | 25<br>(635) |
| 5807S<br>WPI   | 32<br>(813) | 93<br>(2362)  | 30<br>(762) | 81<br>(2057)    | 27<br>(686)     | 8<br>(203) | .88<br>(22) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 106<br>(2692) | 34<br>(864) | 47<br>(1194) | 59.88<br>(1521) | 4  | 14<br>(356) | 17.7<br>(450) | 25.88<br>(657)  | 30.5<br>(775) | 25<br>(635) | 25<br>(635) |
| 5809S<br>WPI   | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203) | .88<br>(22) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 113<br>(2870) | 34<br>(864) | 47<br>(1194) | 59.88<br>(1521) | 4  | 14<br>(356) | 17.7<br>(450) | 25.88<br>(657)  | 30.5<br>(775) | 25<br>(635) | 25<br>(635) |
| 5810MS<br>WPI  | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203) | .88<br>(22) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 118<br>(2997) | 34<br>(864) | 47<br>(1194) | 59.88<br>(1521) | 4  | 14<br>(356) | 17.7<br>(450) | 25.88<br>(657)  | 30.5<br>(775) | 25<br>(635) | 25<br>(635) |
| 5811MS<br>WPI  | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203) | .88<br>(22) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 122<br>(3099) | 34<br>(864) | 49<br>(1245) | 59.88<br>(1521) | 4  | 14<br>(356) | 17.7<br>(450) | 25.88<br>(657)  | 30.5<br>(775) | 25<br>(635) | 25<br>(635) |

\*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

**SUBMITTAL**

**AC-545.22A**

|                                                                                   |                                                                                                   |                                              |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>JOB:</b><br><br><br><b>UNIT TAG:</b><br><b>ENGINEER:</b><br><b>CONTRACTOR:</b> | <b>REPRESENTATIVE:</b><br><br><br><b>ORDER NO.</b><br><b>SUBMITTED BY:</b><br><b>APPROVED BY:</b> | <b>DATE:</b><br><b>DATE:</b><br><b>DATE:</b> |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|



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

### SPECIFICATIONS:

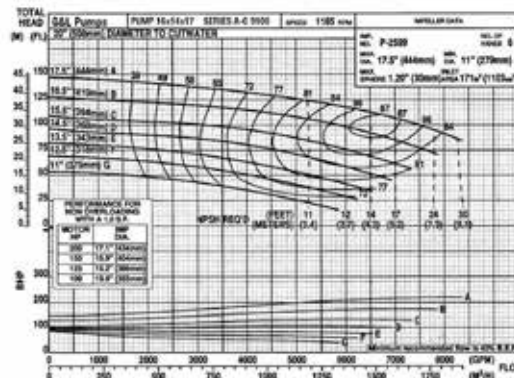
\_\_\_\_\_ GPM \_\_\_\_\_ FT. \_\_\_\_\_ RPM  
**MOTOR DATA:** \_\_\_\_\_ HP \_\_\_\_\_ VOLTS  
 \_\_\_\_\_ ENCL. \_\_\_\_\_ HZ \_\_\_\_\_ PHASE  
**SPEC.CONSTR.:** \_\_\_\_\_  
**APPROX. WEIGHT** \_\_\_\_\_ LBS.

### 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:** \_\_\_\_\_



## SERIES A-C 9100

**SUBMITTAL**

**AC-545.22A**

|                                                                                   |                                                                                                   |                                              |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>JOB:</b><br><br><br><b>UNIT TAG:</b><br><b>ENGINEER:</b><br><b>CONTRACTOR:</b> | <b>REPRESENTATIVE:</b><br><br><br><b>ORDER NO.</b><br><b>SUBMITTED BY:</b><br><b>APPROVED BY:</b> | <b>DATE:</b><br><b>DATE:</b><br><b>DATE:</b> |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|



## 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.: \_\_\_\_\_

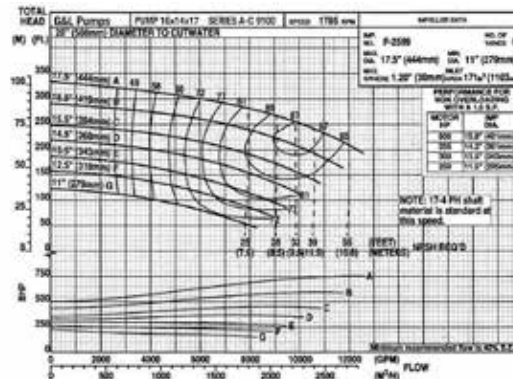
APPROX. WEIGHT \_\_\_\_\_ LBS.

### 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:** \_\_\_\_\_



## SERIES A-C 9100

**SUBMITTAL**

**AC-545.22A**

|                                                                                   |                                                                                                   |                                              |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>JOB:</b><br><br><br><b>UNIT TAG:</b><br><b>ENGINEER:</b><br><b>CONTRACTOR:</b> | <b>REPRESENTATIVE:</b><br><br><br><b>ORDER NO.</b><br><b>SUBMITTED BY:</b><br><b>APPROVED BY:</b> | <b>DATE:</b><br><b>DATE:</b><br><b>DATE:</b> |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|



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

### SPECIFICATIONS:

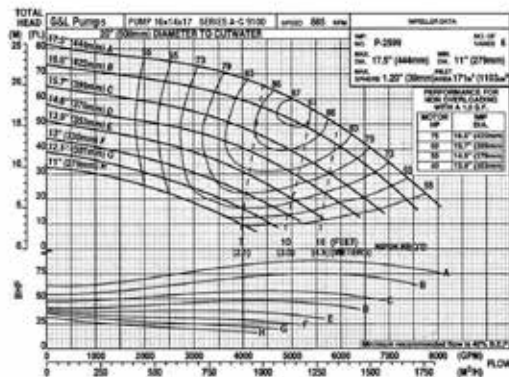
\_\_\_\_\_ GPM \_\_\_\_\_ FT. \_\_\_\_\_ RPM  
**MOTOR DATA:** \_\_\_\_\_ HP \_\_\_\_\_ VOLTS  
 \_\_\_\_\_ ENCL. \_\_\_\_\_ HZ \_\_\_\_\_ PHASE  
**SPEC.CONSTR.:** \_\_\_\_\_  
**APPROX. WEIGHT** \_\_\_\_\_ LBS.

### 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:** \_\_\_\_\_

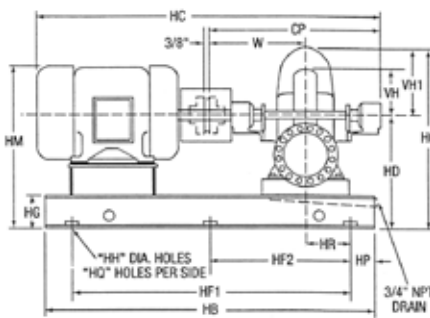
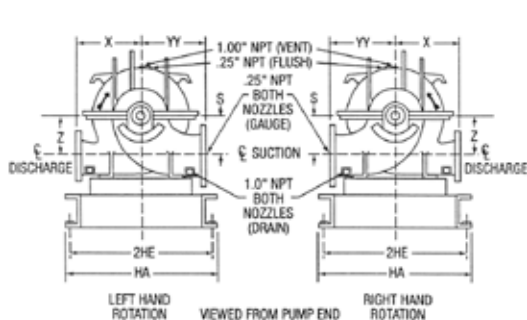




# SERIES A-C 9100

## Series A-C 9100 16X14x17 Centrifugal Pump Submittal

AC-545.22A



\*\*Flange dimensions are in accordance with ANSI A21.10, API 6A C110 & ANSI B16.1 class 125.  
 \*\*\*Flange dimensions are in accordance with ANSI B16.1 class 250 except flanges are flat faced, i.e., FF.

### FLANGE DIMENSIONS IN INCHES (MM)

| Discharge | Suction |
|-----------|---------|
| 14        | 16      |

### DIMENSIONS - Inches (mm)

| MOTOR FRAME | HA          | HB           | 2HE            | HF <sub>1</sub> | HF <sub>2</sub> | HG         | HH          | HP         | HR            | CP              | HC*          | HD            | HM*          | HO             | HQ | S & Z       | VH             | VH <sub>1</sub> | W             | X           | YY          |
|-------------|-------------|--------------|----------------|-----------------|-----------------|------------|-------------|------------|---------------|-----------------|--------------|---------------|--------------|----------------|----|-------------|----------------|-----------------|---------------|-------------|-------------|
| 324T        | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 84<br>(2134) | 30.5<br>(775) | 39<br>(991)  | 53.5<br>(1359) | 3  | 14<br>(356) | 16.25<br>(413) | 23.8<br>(605)   | 30.5<br>(775) | 18<br>(457) | 24<br>(610) |
| 324TS       | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 83<br>(2108) | 30.5<br>(775) | 39<br>(991)  | 53.5<br>(1359) | 3  | 14<br>(356) | 16.25<br>(413) | 23.8<br>(605)   | 30.5<br>(775) | 18<br>(457) | 24<br>(610) |
| 326T        | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 86<br>(2184) | 30.5<br>(775) | 39<br>(991)  | 53.5<br>(1359) | 3  | 14<br>(356) | 16.25<br>(413) | 23.8<br>(605)   | 30.5<br>(775) | 18<br>(457) | 24<br>(610) |
| 326TS       | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 84<br>(2134) | 30.5<br>(775) | 39<br>(991)  | 53.5<br>(1359) | 3  | 14<br>(356) | 16.25<br>(413) | 23.8<br>(605)   | 30.5<br>(775) | 18<br>(457) | 24<br>(610) |
| 364T        | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 87<br>(2210) | 30.5<br>(775) | 40<br>(1016) | 53.5<br>(1359) | 3  | 14<br>(356) | 16.25<br>(413) | 23.8<br>(605)   | 30.5<br>(775) | 18<br>(457) | 24<br>(610) |
| 364TS       | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 85<br>(2159) | 30.5<br>(775) | 40<br>(1016) | 53.5<br>(1359) | 3  | 14<br>(356) | 16.25<br>(413) | 23.8<br>(605)   | 30.5<br>(775) | 18<br>(457) | 24<br>(610) |
| 365T        | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 88<br>(2235) | 30.5<br>(775) | 40<br>(1016) | 53.5<br>(1359) | 3  | 14<br>(356) | 16.25<br>(413) | 23.8<br>(605)   | 30.5<br>(775) | 18<br>(457) | 24<br>(610) |
| 365TS       | 27<br>(686) | 72<br>(1829) | 25.76<br>(654) | 60<br>(1524)    | 30<br>(762)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 86<br>(2184) | 30.5<br>(775) | 40<br>(1016) | 53.5<br>(1359) | 3  | 14<br>(356) | 16.25<br>(413) | 23.8<br>(584)   | 30.5<br>(775) | 18<br>(457) | 24<br>(610) |

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

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, @460 volts, verify weights of 2-pole 450HP, 4-pole 600HP, and 6-pole 500HP.

## SERIES A-C 9100

SUBMITTAL

AC-545.23A

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



# 16X14x17 - 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.: \_\_\_\_\_

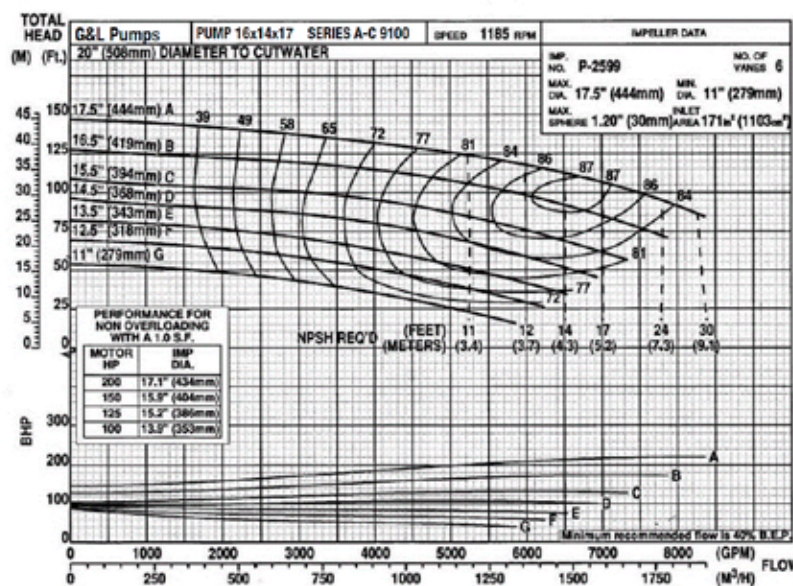
APPROX.

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: \_\_\_\_\_

## SERIES A-C 9100

**SUBMITTAL**

**AC-545.23A**

|                                                                               |                                                                                               |                                              |
|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>JOB:</b><br><br><b>UNIT TAG:</b><br><b>ENGINEER:</b><br><b>CONTRACTOR:</b> | <b>REPRESENTATIVE:</b><br><br><b>ORDER NO.</b><br><b>SUBMITTED BY:</b><br><b>APPROVED BY:</b> | <b>DATE:</b><br><b>DATE:</b><br><b>DATE:</b> |
|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------|



## 16X14x17 - Frames: 404T-449TS

### Series A-C 9100

#### Base Mounted - Double Suction Centrifugal Pumps

#### SPECIFICATIONS:

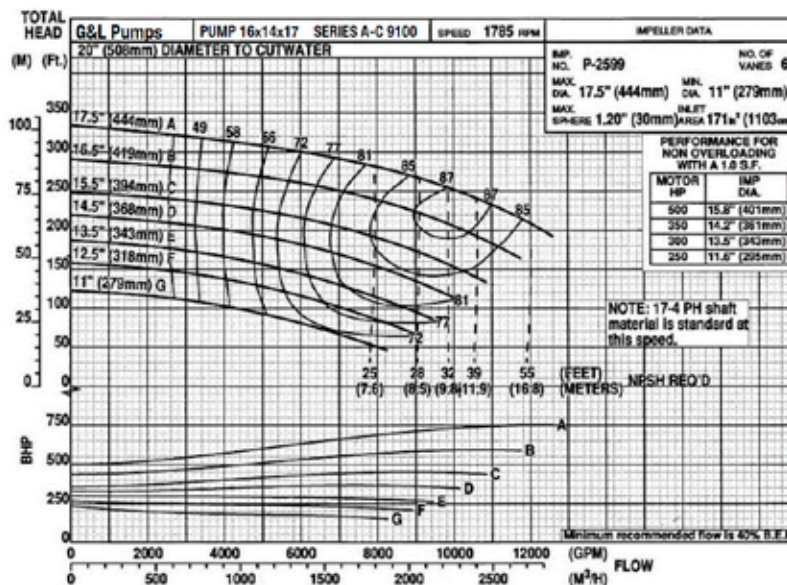
\_\_\_\_\_ GPM \_\_\_\_\_ FT. \_\_\_\_\_ RPM  
 MOTOR \_\_\_\_\_  
 DATA: \_\_\_\_\_ HP \_\_\_\_\_ VOLTS  
 \_\_\_\_\_ ENCL. \_\_\_\_\_ HZ \_\_\_\_\_ PHASE  
 SPEC.CONSTR.: \_\_\_\_\_  
 APPROX. \_\_\_\_\_  
 WEIGHT \_\_\_\_\_ LBS.

#### 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:** \_\_\_\_\_



## SERIES A-C 9100

**SUBMITTAL**

**AC-545.23A**

|                                                                                   |                                                                                                   |                                              |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>JOB:</b><br><br><br><b>UNIT TAG:</b><br><b>ENGINEER:</b><br><b>CONTRACTOR:</b> | <b>REPRESENTATIVE:</b><br><br><br><b>ORDER NO.</b><br><b>SUBMITTED BY:</b><br><b>APPROVED BY:</b> | <b>DATE:</b><br><b>DATE:</b><br><b>DATE:</b> |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|



## 16X14x17 - Frames: 404T-449TS

### Series A-C 9100

#### Base Mounted - Double Suction Centrifugal Pumps

#### SPECIFICATIONS:

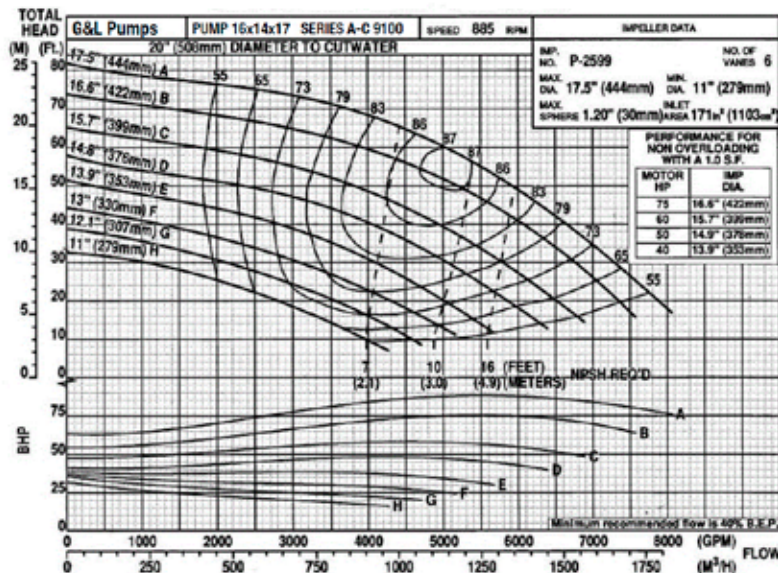
\_\_\_\_\_ GPM \_\_\_\_\_ FT. \_\_\_\_\_ RPM  
**MOTOR**  
 DATA: \_\_\_\_\_ HP \_\_\_\_\_ VOLTS  
 \_\_\_\_\_ ENCL. \_\_\_\_\_ HZ \_\_\_\_\_ PHASE  
**SPEC.CONSTR.:** \_\_\_\_\_  
**APPROX.** \_\_\_\_\_  
**WEIGHT** \_\_\_\_\_ LBS.

#### 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

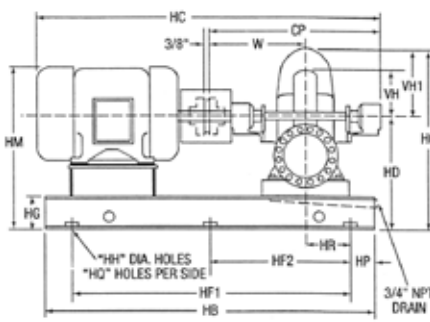
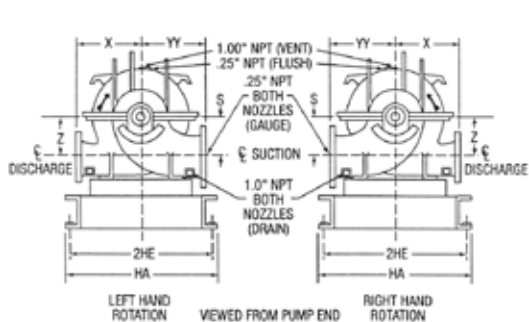
- ☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, \*\*125# ANSI Flange Configuration
- ☐ **OPTIONAL:** 300 PSIG (21 bar) working pressure, \*\*\*250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 8-1, Viton/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23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



## SERIES A-C 9100

## Series A-C 9100 16X14x17 Centrifugal Pump Submittal

AC-545.23A



\*\*Flange dimensions are in accordance with ANSI A21.10, API 610 & ANSI B16.1 class 125.  
 \*\*\*Flange dimensions are in accordance with ANSI B16.1 class 250 except flanges are flat faced, i.e., FF.

## FLANGE DIMENSIONS IN INCHES (MM)

| Discharge | Suction |
|-----------|---------|
| 14        | 16      |

## DIMENSIONS - Inches (mm)

| MOTOR FRAME | HA          | HB           | 2HE            | HF <sub>1</sub> | HF <sub>2</sub> | HG         | HH          | HP         | HR            | CP              | HC*           | HD            | HM*          | HO             | HQ | S & Z       | VH             | VH <sub>1</sub> | W             | X           | YY          |
|-------------|-------------|--------------|----------------|-----------------|-----------------|------------|-------------|------------|---------------|-----------------|---------------|---------------|--------------|----------------|----|-------------|----------------|-----------------|---------------|-------------|-------------|
| 404T        | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 91<br>(2311)  | 30.5<br>(775) | 41<br>(1041) | 53.5<br>(1359) | 3  | 14<br>(356) | 16.25<br>(413) | 23.80<br>(584)  | 30.5<br>(775) | 18<br>(457) | 24<br>(610) |
| 404TS       | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 90<br>(2286)  | 30.5<br>(775) | 41<br>(1041) | 53.5<br>(1359) | 3  | 14<br>(356) | 16.25<br>(413) | 23.80<br>(584)  | 30.5<br>(775) | 18<br>(457) | 24<br>(610) |
| 405T        | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 93<br>(2362)  | 30.5<br>(775) | 41<br>(1041) | 53.5<br>(1359) | 3  | 14<br>(356) | 16.25<br>(413) | 23.80<br>(584)  | 30.5<br>(775) | 18<br>(457) | 24<br>(610) |
| 405TS       | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 90<br>(2286)  | 30.5<br>(775) | 41<br>(1041) | 53.5<br>(1359) | 3  | 14<br>(356) | 16.25<br>(413) | 23.80<br>(584)  | 30.5<br>(775) | 18<br>(457) | 24<br>(610) |
| 444T        | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 99<br>(2515)  | 30.5<br>(775) | 42<br>(1067) | 53.5<br>(1359) | 3  | 14<br>(356) | 16.25<br>(413) | 23.80<br>(584)  | 30.5<br>(775) | 18<br>(457) | 24<br>(610) |
| 444TS       | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 95<br>(2413)  | 30.5<br>(775) | 42<br>(1067) | 53.5<br>(1359) | 3  | 14<br>(356) | 16.25<br>(413) | 23.80<br>(584)  | 30.5<br>(775) | 18<br>(457) | 24<br>(610) |
| 445T        | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 101<br>(2565) | 30.5<br>(775) | 42<br>(1067) | 53.5<br>(1359) | 3  | 14<br>(356) | 16.25<br>(413) | 23.80<br>(584)  | 30.5<br>(775) | 18<br>(457) | 24<br>(610) |
| 445TS       | 27<br>(686) | 82<br>(2083) | 25.76<br>(654) | 70<br>(1778)    | 35<br>(889)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 97<br>(2464)  | 30.5<br>(775) | 42<br>(1067) | 53.5<br>(1359) | 3  | 14<br>(356) | 16.25<br>(413) | 23.80<br>(584)  | 30.5<br>(775) | 18<br>(457) | 24<br>(610) |
| 447T        | 27<br>(686) | 90<br>(2286) | 25.76<br>(654) | 78<br>(1981)    | 26<br>(660)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 104<br>(2642) | 30.5<br>(775) | 42<br>(1067) | 53.5<br>(1359) | 4  | 14<br>(356) | 16.25<br>(413) | 23.80<br>(584)  | 30.5<br>(775) | 18<br>(457) | 24<br>(610) |
| 447TS       | 27<br>(686) | 90<br>(2286) | 25.76<br>(654) | 78<br>(1981)    | 26<br>(660)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 100<br>(2540) | 30.5<br>(775) | 42<br>(1067) | 53.5<br>(1359) | 4  | 14<br>(356) | 16.25<br>(413) | 23.80<br>(584)  | 30.5<br>(775) | 18<br>(457) | 24<br>(610) |
| 449T        | 27<br>(686) | 90<br>(2286) | 25.76<br>(654) | 78<br>(1981)    | 26<br>(660)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 109<br>(2769) | 30.5<br>(775) | 42<br>(1067) | 53.5<br>(1359) | 4  | 14<br>(356) | 16.25<br>(413) | 23.80<br>(584)  | 30.5<br>(775) | 18<br>(457) | 24<br>(610) |
| 449TS       | 27<br>(686) | 90<br>(2286) | 25.76<br>(654) | 78<br>(1981)    | 26<br>(660)     | 6<br>(152) | .75<br>(19) | 6<br>(152) | 7.75<br>(197) | 54.25<br>(1378) | 106<br>(2692) | 30.5<br>(775) | 42<br>(1067) | 53.5<br>(1359) | 4  | 14<br>(356) | 16.25<br>(413) | 23.80<br>(584)  | 30.5<br>(775) | 18<br>(457) | 24<br>(610) |

\*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

**SUBMITTAL****AC-545.24A**

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

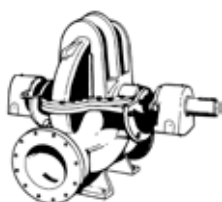
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



# 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.

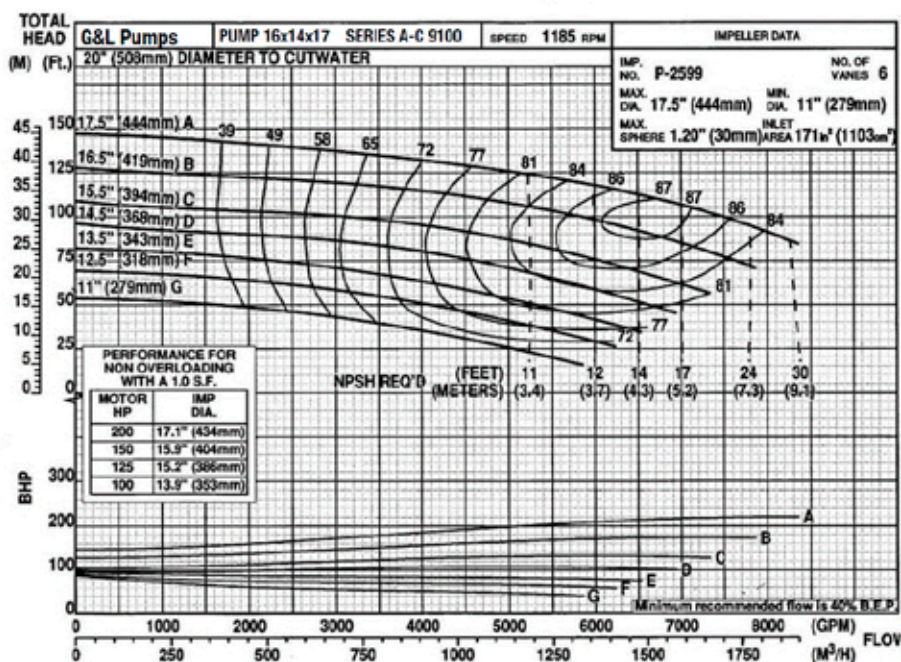
WEIGHT \_\_\_\_\_ LBS.

**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).  
☐ **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:** \_\_\_\_\_

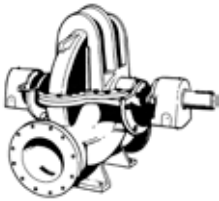


## SERIES A-C 9100

**SUBMITTAL**

**AC-545.24A**

|                                                                                   |                                                                                                   |                                              |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>JOB:</b><br><br><br><b>UNIT TAG:</b><br><b>ENGINEER:</b><br><b>CONTRACTOR:</b> | <b>REPRESENTATIVE:</b><br><br><br><b>ORDER NO.</b><br><b>SUBMITTED BY:</b><br><b>APPROVED BY:</b> | <b>DATE:</b><br><b>DATE:</b><br><b>DATE:</b> |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|



## 16X14x17 - Frames: 5807S TEFC-6809S WPI Series A-C 9100 Base Mounted - Double Suction Centrifugal Pumps

### SPECIFICATIONS:

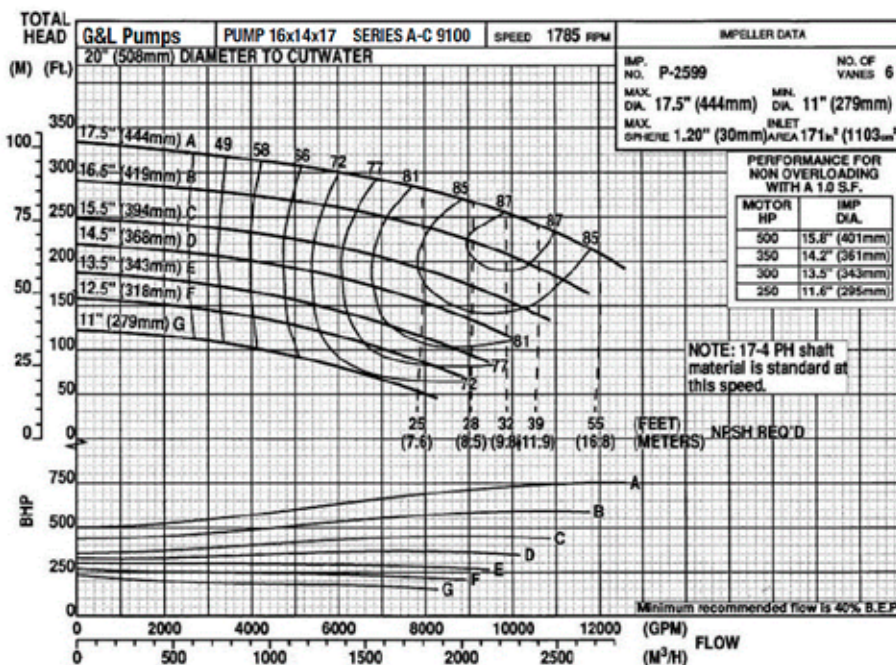
\_\_\_\_\_ GPM \_\_\_\_\_ FT. \_\_\_\_\_ RPM  
 MOTOR DATA: \_\_\_\_\_ HP \_\_\_\_\_ VOLTS  
 \_\_\_\_\_ ENCL. \_\_\_\_\_ HZ \_\_\_\_\_ PHASE  
 SPEC.CONSTR.: \_\_\_\_\_  
 APPROX. \_\_\_\_\_  
 WEIGHT \_\_\_\_\_ LBS.

### 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).
- ☐ **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:** \_\_\_\_\_



## SERIES A-C 9100

**SUBMITTAL**

**AC-545.24A**

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

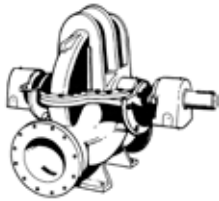
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



## 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.

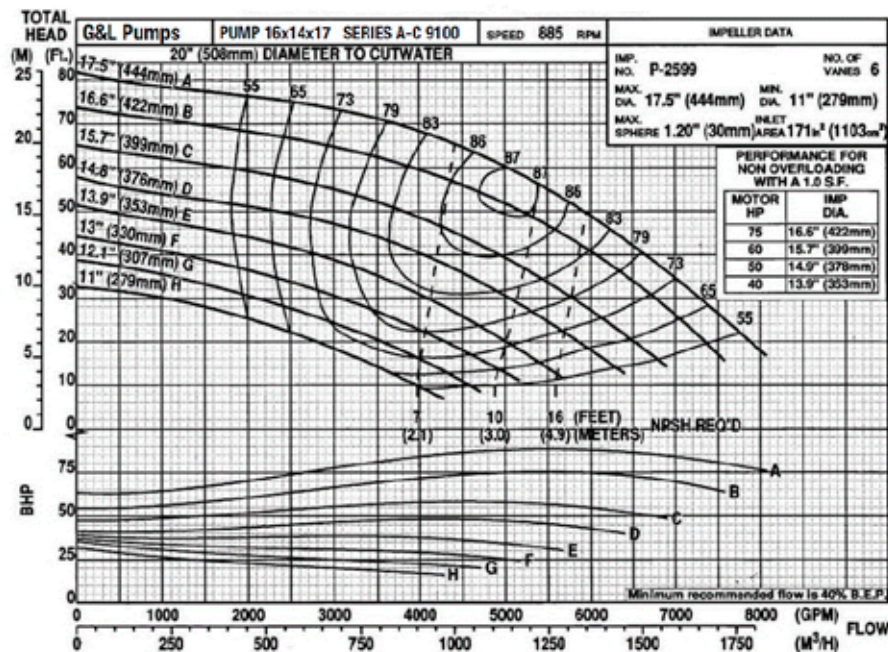
WEIGHT \_\_\_\_\_ LBS.

### 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).
- ☐ **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:**

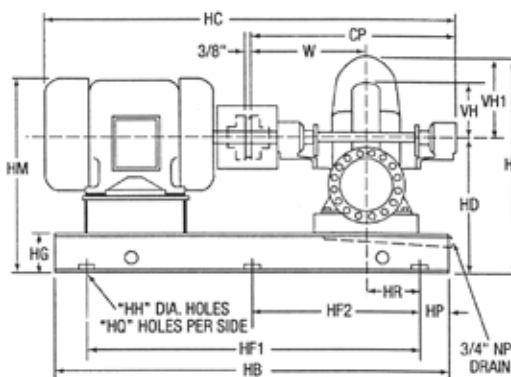
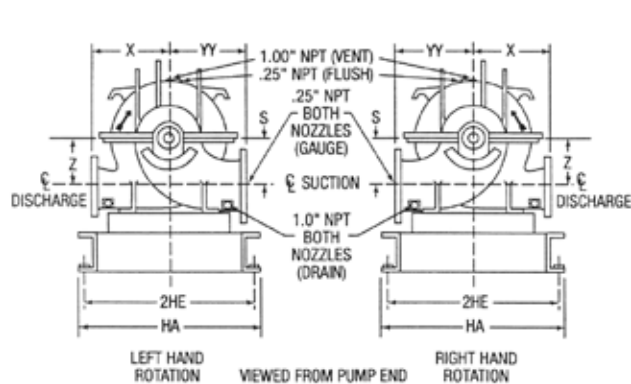




## SERIES A-C 9100

## Series A-C 9100 16X14x17 Centrifugal Pump Submittal

AC-545.24A



\*\*Flange dimensions are in accordance with ANSI A21.10, AWWA C110 & ANSI B16.1 class 125.  
 \*\*\*Flange dimensions are in accordance with ANSI B16.1 class 250 except flanges are flat faced, i.e., F.F.

## FLANGE DIMENSIONS IN INCHES (MM)

| Discharge | Suction |
|-----------|---------|
| 14        | 16      |

## DIMENSIONS - Inches (mm)

| MOTOR FRAME | HA       | HB         | 2HE      | HF <sub>1</sub> | HF <sub>2</sub> | HG       | HH        | HP      | HR         | CP           | HC*        | HD         | HM*       | HO          | HQ | S & Z    | VH          | VH <sub>1</sub> | W          | X        | YY       |
|-------------|----------|------------|----------|-----------------|-----------------|----------|-----------|---------|------------|--------------|------------|------------|-----------|-------------|----|----------|-------------|-----------------|------------|----------|----------|
| 5807S TEFC  | 32 (813) | 93 (2362)  | 30 (762) | 81 (2057)       | 27 (686)        | 8 (203)  | .88 (22)  | 6 (152) | 7.75 (197) | 54.25 (1378) | 113 (2870) | 34.5 (876) | 50 (1270) | 57.5 (1460) | 4  | 14 (356) | 16.25 (413) | 23.8 (605)      | 30.5 (775) | 18 (457) | 24 (610) |
| 5809S TEFC  | 32 (813) | 108 (2743) | 30 (762) | 96 (2438)       | 32 (813)        | 8 (203)  | .88 (22)  | 6 (152) | 7.75 (197) | 54.25 (1378) | 120 (3048) | 34.5 (876) | 50 (1270) | 57.5 (1460) | 4  | 14 (356) | 16.25 (413) | 23.8 (605)      | 30.5 (775) | 18 (457) | 24 (610) |
| 5811S TEFC  | 32 (813) | 108 (2743) | 30 (762) | 96 (2438)       | 32 (813)        | 8 (203)  | .88 (22)  | 6 (152) | 7.75 (197) | 54.25 (1378) | 128 (3251) | 34.5 (876) | 48 (1219) | 57.5 (1460) | 4  | 14 (356) | 16.25 (413) | 23.8 (605)      | 30.5 (775) | 18 (457) | 24 (610) |
| 5007S WPI   | 32 (813) | 93 (2362)  | 30 (762) | 81 (2057)       | 27 (686)        | 8 (203)  | .88 (22)  | 6 (152) | 7.75 (197) | 54.25 (1378) | 100 (2540) | 34.5 (876) | 47 (1194) | 57.5 (1460) | 4  | 14 (356) | 16.25 (413) | 23.8 (605)      | 30.5 (775) | 18 (457) | 24 (610) |
| 5009S WPI   | 32 (813) | 93 (2362)  | 30 (762) | 81 (2057)       | 27 (686)        | 8 (203)  | .88 (22)  | 6 (152) | 7.75 (197) | 54.25 (1378) | 105 (2667) | 34.5 (876) | 47 (1194) | 57.5 (1460) | 4  | 14 (356) | 16.25 (413) | 23.8 (605)      | 30.5 (775) | 18 (457) | 24 (610) |
| 5010S WPI   | 32 (813) | 108 (2743) | 30 (762) | 96 (2438)       | 32 (813)        | 8 (203)  | .88 (22)  | 6 (152) | 7.75 (197) | 54.25 (1378) | 109 (2769) | 34.5 (876) | 47 (1194) | 57.5 (1460) | 4  | 14 (356) | 16.25 (413) | 23.8 (605)      | 30.5 (775) | 18 (457) | 24 (610) |
| 5807S WPI   | 32 (813) | 93 (2362)  | 30 (762) | 81 (2057)       | 27 (686)        | 8 (203)  | .88 (22)  | 6 (152) | 7.75 (197) | 54.25 (1378) | 106 (2692) | 34.5 (876) | 47 (1194) | 57.5 (1460) | 4  | 14 (356) | 16.25 (413) | 23.8 (605)      | 30.5 (775) | 18 (457) | 24 (610) |
| 5809S WPI   | 32 (813) | 108 (2743) | 30 (762) | 96 (2438)       | 32 (813)        | 8 (203)  | .88 (22)  | 6 (152) | 7.75 (197) | 54.25 (1378) | 113 (2870) | 34.5 (876) | 47 (1194) | 57.5 (1460) | 4  | 14 (356) | 16.25 (413) | 23.8 (605)      | 30.5 (775) | 18 (457) | 24 (610) |
| 5810MS WPI  | 32 (813) | 108 (2743) | 30 (762) | 96 (2438)       | 32 (813)        | 8 (203)  | .88 (22)  | 6 (152) | 7.75 (197) | 54.25 (1378) | 118 (2997) | 34.5 (876) | 47 (1194) | 57.5 (1460) | 4  | 14 (356) | 16.25 (413) | 23.8 (605)      | 30.5 (775) | 18 (457) | 24 (610) |
| 5811MS WPI  | 32 (813) | 108 (2743) | 30 (762) | 96 (2438)       | 32 (813)        | 8 (203)  | .88 (22)  | 6 (152) | 7.75 (197) | 54.25 (1378) | 122 (3099) | 34.5 (876) | 49 (1245) | 57.5 (1460) | 4  | 14 (356) | 16.25 (413) | 23.8 (605)      | 30.5 (775) | 18 (457) | 24 (610) |
| 6809S WPI   | 35 (889) | 118 (2997) | 33 (838) | 106 (2692)      | 26.5 (673)      | 10 (254) | 1.12 (28) | 6 (152) | 7.75 (197) | 54.25 (1378) | 125 (3175) | 36.5 (876) | 54 (1372) | 59.5 (1511) | 5  | 14 (356) | 16.25 (413) | 23.8 (605)      | 30.5 (775) | 18 (457) | 24 (610) |

\*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.

## SERIES A-C 9100

**SUBMITTAL**

**AC-545.25A**

|                                                                                   |                                                                                                   |                                              |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>JOB:</b><br><br><br><b>UNIT TAG:</b><br><b>ENGINEER:</b><br><b>CONTRACTOR:</b> | <b>REPRESENTATIVE:</b><br><br><br><b>ORDER NO.</b><br><b>SUBMITTED BY:</b><br><b>APPROVED BY:</b> | <b>DATE:</b><br><b>DATE:</b><br><b>DATE:</b> |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|



## 18X14x23 - Frames: 404T-449TS Series A-C 9100 Base Mounted - Double Suction Centrifugal Pumps

### SPECIFICATIONS:

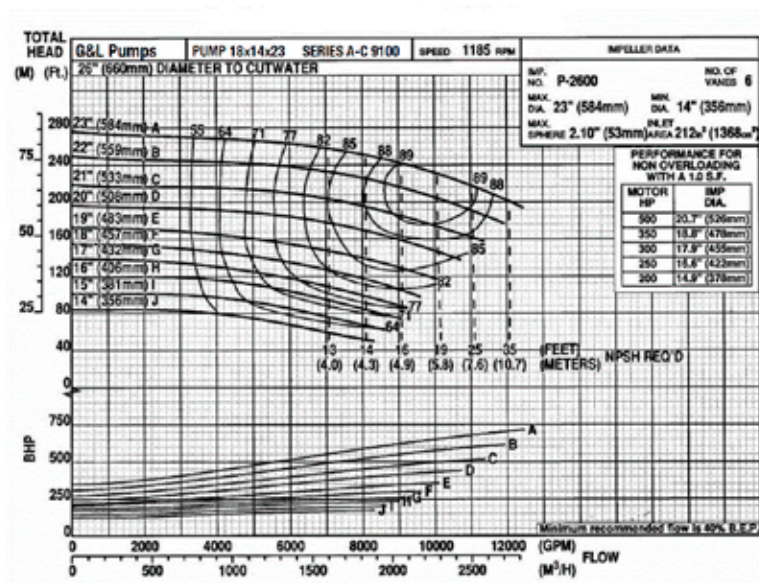
\_\_\_\_\_ GPM \_\_\_\_\_ FT. \_\_\_\_\_ RPM  
 MOTOR DATA: \_\_\_\_\_ HP \_\_\_\_\_ VOLTS  
 \_\_\_\_\_ ENCL. \_\_\_\_\_ HZ \_\_\_\_\_ PHASE  
 SPEC.CONSTR.: \_\_\_\_\_  
 APPROX. WEIGHT \_\_\_\_\_ LBS.

### 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 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:**





## SERIES A-C 9100

**SUBMITTAL**

**AC-545.25A**

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



## 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.: \_\_\_\_\_

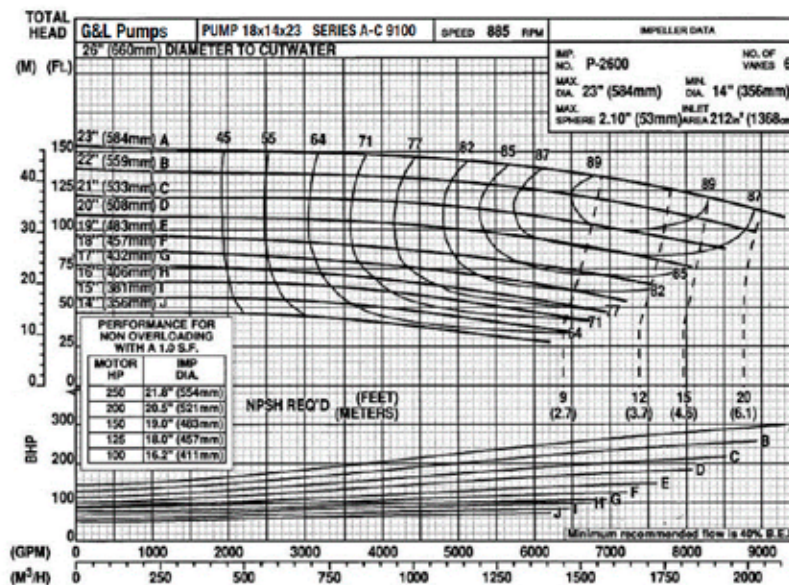
APPROX. WEIGHT \_\_\_\_\_ LBS.

### 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

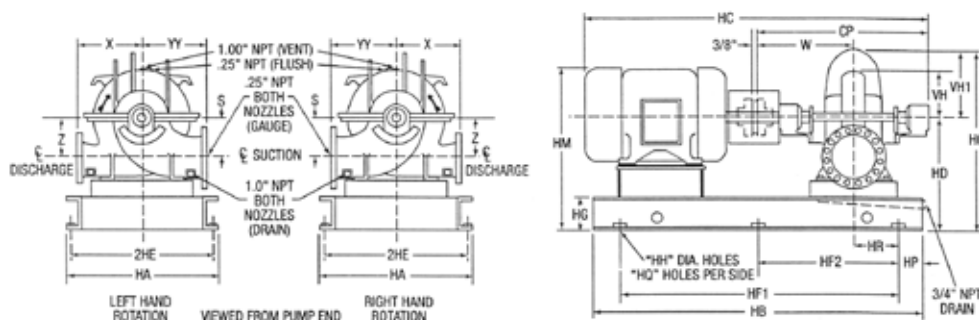
- ☐ **STANDARD:** 175 PSIG (12 Bar) working pressure, \*\*125# ANSI Flange Configuration
- ☐ **OPTIONAL:** 300 PSIG (21 bar) working pressure, \*\*\*250# ANSI Flange Configuration
- ☐ **STANDARD:** Crane Type 8-1, Viton/Carbon Ceramic, 75 psig (5 Bar) maximum suction pressure, from -10° to 220°F (-23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



## SERIES A-C 9100

### Series A-C 9100 18X14x23 Centrifugal Pump Submittal

AC-545.25A



\*\*Flange dimensions are in accordance with ANSI A21.10, API 6A C110 & API 6B class 125.  
\*\*\*Flange dimensions are in accordance with ANSI B16.1 class 250 except flanges are flat faced, i.e., FF.

#### FLANGE DIMENSIONS IN INCHES (MM)

| Discharge | Suction |
|-----------|---------|
| 14        | 18      |

#### DIMENSIONS - Inches (mm)

| MOTOR FRAME | HA          | HB           | 2HE            | HF1 <sub>1</sub> | HF2 <sub>2</sub> | HG         | HH          | HP         | HR         | CP              | HC*           | HD          | HM*             | HO              | HQ | S & Z       | VH          | VH1 <sub>1</sub> | W              | X           | YY          |
|-------------|-------------|--------------|----------------|------------------|------------------|------------|-------------|------------|------------|-----------------|---------------|-------------|-----------------|-----------------|----|-------------|-------------|------------------|----------------|-------------|-------------|
| 404T        | 32<br>(813) | 82<br>(2083) | 30.76<br>(781) | 70<br>(1778)     | 35<br>(889)      | 6<br>(152) | .75<br>(19) | 6<br>(152) | 8<br>(203) | 56.31<br>(1430) | 93<br>(2362)  | 31<br>(787) | 41.5<br>(1054)  | 54.62<br>(1387) | 3  | 14<br>(356) | 18<br>(457) | 23.62<br>(600)   | 31.56<br>(802) | 27<br>(686) | 27<br>(686) |
| 404TS       | 32<br>(813) | 82<br>(2083) | 30.76<br>(781) | 70<br>(1778)     | 35<br>(889)      | 6<br>(152) | .75<br>(19) | 6<br>(152) | 8<br>(203) | 56.31<br>(1430) | 92<br>(2337)  | 31<br>(787) | 41.5<br>(1054)  | 54.62<br>(1387) | 3  | 14<br>(356) | 18<br>(457) | 23.62<br>(600)   | 31.56<br>(802) | 27<br>(686) | 27<br>(686) |
| 405T        | 32<br>(813) | 82<br>(2083) | 30.76<br>(781) | 70<br>(1778)     | 35<br>(889)      | 6<br>(152) | .75<br>(19) | 6<br>(152) | 8<br>(203) | 56.31<br>(1430) | 95<br>(2413)  | 31<br>(787) | 41.5<br>(1054)  | 54.62<br>(1387) | 3  | 14<br>(356) | 18<br>(457) | 23.62<br>(600)   | 31.56<br>(802) | 27<br>(686) | 27<br>(686) |
| 405TS       | 32<br>(813) | 82<br>(2083) | 30.76<br>(781) | 70<br>(1778)     | 35<br>(889)      | 6<br>(152) | .75<br>(19) | 6<br>(152) | 8<br>(203) | 56.31<br>(1430) | 92<br>(2737)  | 31<br>(787) | 41.5<br>(1054)  | 54.62<br>(1387) | 3  | 14<br>(356) | 18<br>(457) | 23.62<br>(600)   | 31.56<br>(802) | 27<br>(686) | 27<br>(686) |
| 444T        | 32<br>(813) | 82<br>(2083) | 30.76<br>(781) | 70<br>(1778)     | 35<br>(889)      | 6<br>(152) | .75<br>(19) | 6<br>(152) | 8<br>(203) | 56.31<br>(1430) | 101<br>(2565) | 31<br>(787) | 42.75<br>(1086) | 54.62<br>(1387) | 3  | 14<br>(356) | 18<br>(457) | 23.62<br>(600)   | 31.56<br>(802) | 27<br>(686) | 27<br>(686) |
| 444TS       | 32<br>(813) | 82<br>(2083) | 30.76<br>(781) | 70<br>(1778)     | 35<br>(889)      | 6<br>(152) | .75<br>(19) | 6<br>(152) | 8<br>(203) | 56.31<br>(1430) | 97<br>(2464)  | 31<br>(787) | 42.75<br>(1086) | 54.62<br>(1387) | 3  | 14<br>(356) | 18<br>(457) | 23.62<br>(600)   | 31.56<br>(802) | 27<br>(686) | 27<br>(686) |
| 445T        | 32<br>(813) | 82<br>(2083) | 30.76<br>(781) | 70<br>(1778)     | 35<br>(889)      | 6<br>(152) | .75<br>(19) | 6<br>(152) | 8<br>(203) | 56.31<br>(1430) | 102<br>(2591) | 31<br>(787) | 42.75<br>(1086) | 54.62<br>(1387) | 3  | 14<br>(356) | 18<br>(457) | 23.62<br>(600)   | 31.56<br>(802) | 27<br>(686) | 27<br>(686) |
| 445TS       | 32<br>(813) | 82<br>(2083) | 30.76<br>(781) | 70<br>(1778)     | 35<br>(889)      | 6<br>(152) | .75<br>(19) | 6<br>(152) | 8<br>(203) | 56.31<br>(1430) | 99<br>(2515)  | 31<br>(787) | 42.75<br>(1086) | 54.62<br>(1387) | 3  | 14<br>(356) | 18<br>(457) | 23.62<br>(600)   | 31.56<br>(802) | 27<br>(686) | 27<br>(686) |
| 447T        | 32<br>(813) | 93<br>(2362) | 30<br>(762)    | 81<br>(2057)     | 27<br>(686)      | 8<br>(203) | .88<br>(22) | 6<br>(152) | 8<br>(203) | 56.31<br>(1430) | 106<br>(2692) | 33<br>(838) | 44.75<br>(1137) | 54.62<br>(1387) | 4  | 14<br>(356) | 18<br>(457) | 23.62<br>(600)   | 31.56<br>(802) | 27<br>(686) | 27<br>(686) |
| 447TS       | 32<br>(813) | 93<br>(2362) | 30<br>(762)    | 81<br>(2057)     | 27<br>(686)      | 8<br>(203) | .88<br>(22) | 6<br>(152) | 8<br>(203) | 56.31<br>(1430) | 102<br>(2591) | 33<br>(838) | 44.75<br>(1137) | 54.62<br>(1387) | 4  | 14<br>(356) | 18<br>(457) | 23.62<br>(600)   | 31.56<br>(802) | 27<br>(686) | 27<br>(686) |
| 449T        | 32<br>(813) | 93<br>(2362) | 30<br>(762)    | 81<br>(2057)     | 27<br>(686)      | 8<br>(203) | .88<br>(22) | 6<br>(152) | 8<br>(203) | 56.31<br>(1430) | 111<br>(2819) | 33<br>(838) | 44.75<br>(1137) | 54.62<br>(1387) | 4  | 14<br>(356) | 18<br>(457) | 23.62<br>(600)   | 31.56<br>(802) | 27<br>(686) | 27<br>(686) |
| 449TS       | 32<br>(813) | 93<br>(2362) | 30<br>(762)    | 81<br>(2057)     | 27<br>(686)      | 8<br>(203) | .88<br>(22) | 6<br>(152) | 8<br>(203) | 56.31<br>(1430) | 107<br>(2718) | 33<br>(838) | 44.75<br>(1137) | 54.62<br>(1387) | 4  | 14<br>(356) | 18<br>(457) | 23.62<br>(600)   | 31.56<br>(802) | 27<br>(686) | 27<br>(686) |

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, @460 volts, verify weights of 2-pole 450HP, 4-pole 600HP, and 6-pole 500HP.

SUBMITTAL

AC-545.26

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

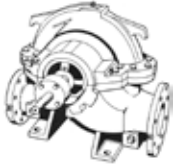
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



# 18X14X23 - 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.

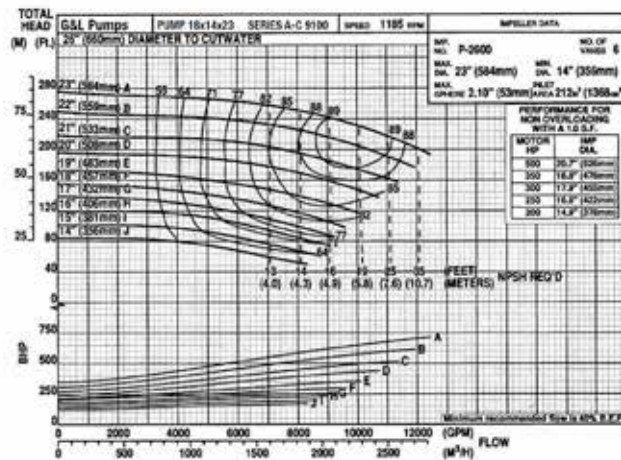
WEIGHT \_\_\_\_\_ LBS.

## 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).  
☐ **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:** \_\_\_\_\_



## SERIES A-C 9100

**SUBMITTAL**

**AC-545.26**

|                                                                                   |                                                                                                   |                                              |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>JOB:</b><br><br><br><b>UNIT TAG:</b><br><b>ENGINEER:</b><br><b>CONTRACTOR:</b> | <b>REPRESENTATIVE:</b><br><br><br><b>ORDER NO.</b><br><b>SUBMITTED BY:</b><br><b>APPROVED BY:</b> | <b>DATE:</b><br><b>DATE:</b><br><b>DATE:</b> |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|



## 18X14X23 - 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

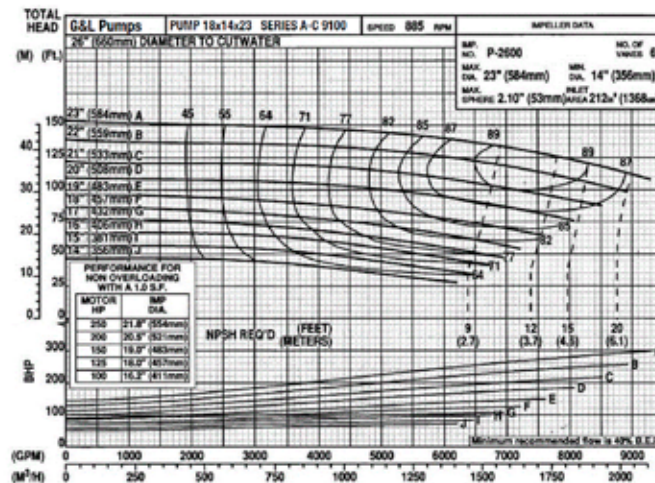
SPEC.CONSTR.: \_\_\_\_\_  
 APPROX. \_\_\_\_\_  
 WEIGHT \_\_\_\_\_ LBS.

### MATERIALS OF CONSTRUCTION

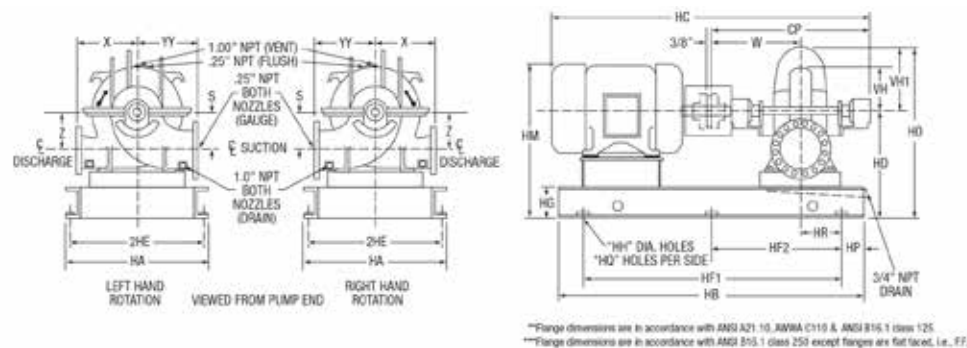
- ☒ CAST IRON BRONZE FITTED
- ☒ FABRICATED HEAVY DUTY
- ☒ OSHA COUPLING GUARD
- ☒ ALL METAL GEAR TYPE COUPLING
- ☐ GALVANIZED DRIP PAN UNDER FLANGES (OPTIONAL)

### 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).
- ☐ **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:**





FLANGE DIMENSIONS  
IN INCHES (MM)

| Discharge | Suction |
|-----------|---------|
| 18        | 14      |

## DIMENSIONS - Inches (mm)

| MOTOR FRAME   | HA          | HB            | 2HE         | HF <sub>1</sub> | HF <sub>2</sub> | HG          | HH           | HP         | HR         | CP              | HC*           | HD          | HM*             | HO              | HQ | S & Z       | VH          | VH <sub>1</sub> | W              | X           | YY          |
|---------------|-------------|---------------|-------------|-----------------|-----------------|-------------|--------------|------------|------------|-----------------|---------------|-------------|-----------------|-----------------|----|-------------|-------------|-----------------|----------------|-------------|-------------|
| 5807S<br>TEFC | 32<br>(813) | 93<br>(2362)  | 30<br>(762) | 81<br>(2057)    | 27<br>(686)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 8<br>(203) | 56.31<br>(1430) | 115<br>(2921) | 33<br>(838) | 48.56<br>(1233) | 56.62<br>(1438) | 4  | 14<br>(356) | 18<br>(457) | 23.62<br>(600)  | 31.56<br>(802) | 27<br>(686) | 27<br>(686) |
| 5809S<br>TEFC | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 8<br>(203) | 56.31<br>(1430) | 122<br>(3099) | 33<br>(838) | 48.56<br>(1233) | 56.62<br>(1438) | 4  | 14<br>(356) | 18<br>(457) | 23.62<br>(600)  | 31.56<br>(802) | 27<br>(686) | 27<br>(686) |
| 5811S<br>TEFC | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 8<br>(203) | 56.31<br>(1430) | 130<br>(3302) | 33<br>(838) | 48.56<br>(1233) | 56.62<br>(1438) | 4  | 14<br>(356) | 18<br>(457) | 23.62<br>(600)  | 31.56<br>(802) | 27<br>(686) | 27<br>(686) |
| 5007S<br>WPI  | 32<br>(813) | 93<br>(2362)  | 30<br>(762) | 81<br>(2057)    | 27<br>(686)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 8<br>(203) | 56.31<br>(1430) | 101<br>(2565) | 33<br>(838) | 46.38<br>(1156) | 56.62<br>(1438) | 4  | 14<br>(356) | 18<br>(457) | 23.62<br>(600)  | 31.56<br>(802) | 27<br>(686) | 27<br>(686) |
| 5009S<br>WPI  | 32<br>(813) | 93<br>(2362)  | 30<br>(762) | 81<br>(2057)    | 27<br>(686)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 8<br>(203) | 56.31<br>(1430) | 107<br>(2718) | 33<br>(838) | 45.5<br>(1156)  | 56.62<br>(1438) | 4  | 14<br>(356) | 18<br>(457) | 23.62<br>(600)  | 31.56<br>(802) | 27<br>(686) | 27<br>(686) |
| 5010S<br>WPI  | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 8<br>(203) | 56.31<br>(1430) | 111<br>(2819) | 33<br>(838) | 45.5<br>(1156)  | 56.62<br>(1438) | 4  | 14<br>(356) | 18<br>(457) | 23.62<br>(600)  | 31.56<br>(802) | 27<br>(686) | 27<br>(686) |
| 5807S<br>WPI  | 32<br>(813) | 93<br>(2362)  | 30<br>(762) | 81<br>(2057)    | 27<br>(686)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 8<br>(203) | 56.31<br>(1430) | 108<br>(2743) | 33<br>(838) | 45.5<br>(1156)  | 56.62<br>(1438) | 4  | 14<br>(356) | 18<br>(457) | 23.62<br>(600)  | 31.56<br>(802) | 27<br>(686) | 27<br>(686) |
| 5809S<br>WPI  | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 8<br>(203) | 56.31<br>(1430) | 115<br>(2921) | 33<br>(838) | 45.5<br>(1156)  | 56.62<br>(1438) | 4  | 14<br>(356) | 18<br>(457) | 23.62<br>(600)  | 31.56<br>(802) | 27<br>(686) | 27<br>(686) |
| 5810MS<br>WPI | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 8<br>(203) | 56.31<br>(1430) | 120<br>(3048) | 33<br>(838) | 45.5<br>(1156)  | 56.62<br>(1438) | 4  | 14<br>(356) | 18<br>(457) | 23.62<br>(600)  | 31.56<br>(802) | 27<br>(686) | 27<br>(686) |
| 5811MS<br>WPI | 32<br>(813) | 108<br>(2743) | 30<br>(762) | 96<br>(2438)    | 32<br>(813)     | 8<br>(203)  | .88<br>(22)  | 6<br>(152) | 8<br>(203) | 56.31<br>(1430) | 124<br>(3150) | 33<br>(838) | 47.5<br>(1206)  | 56.62<br>(1438) | 4  | 14<br>(356) | 18<br>(457) | 23.62<br>(600)  | 31.56<br>(802) | 27<br>(686) | 27<br>(686) |
| 6809S<br>WPI  | 37<br>(940) | 118<br>(2997) | 35<br>(889) | 106<br>(2692)   | 26.5<br>(673)   | 10<br>(254) | 1.12<br>(28) | 6<br>(152) | 8<br>(203) | 56.31<br>(1430) | 127<br>(3226) | 35<br>(889) | 52.12<br>(1324) | 58.62<br>(1489) | 5  | 14<br>(356) | 18<br>(457) | 23.62<br>(600)  | 31.56<br>(802) | 27<br>(686) | 27<br>(686) |

\*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.

**xylem**  
Let's Solve Water

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www.gouldswatertechnology.com

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