

|             |  |                 |       |
|-------------|--|-----------------|-------|
| JOB:        |  | REPRESENTATIVE: |       |
| UNIT TAG:   |  | SUBMITTED BY:   | DATE: |
| ENGINEER:   |  | APPROVED BY:    | DATE: |
| CONTRACTOR: |  |                 |       |



1-1/2A  
Series "90"  
Centrifugal Pumps  
Vertical In-Line Mounted - Close Coupled

SPECIFICATIONS

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

MATERIALS OF CONSTRUCTION

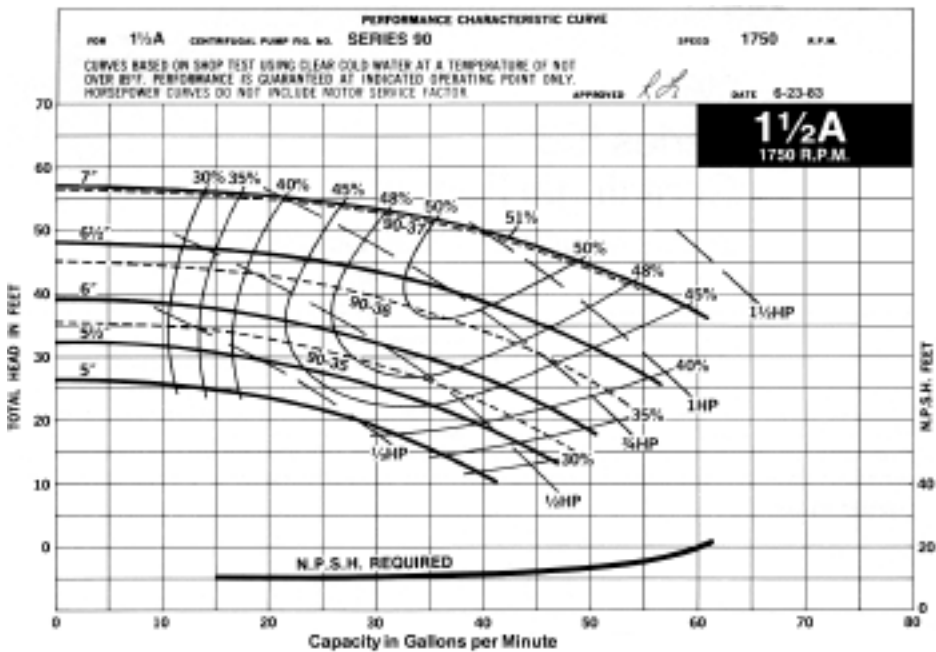
☐ BRONZE FITTED    ☐ ALL BRONZE †  
†Option Not Available with 3HP 1800RPM  
or 7-1/2 – 15HP 3600RPM ratings.

TYPE OF SEAL

☐ 90 Standard Seal  
(Buna-Carbon/Ceramic)  
☐ Optional Seal  
(EPR Carbon/Tungsten Carbide)

MAXIMUM WORKING PRESSURE

☐ 175 psi (12 bar) W.P.



|             |  |                 |       |
|-------------|--|-----------------|-------|
| JOB:        |  | REPRESENTATIVE: |       |
| UNIT TAG:   |  | SUBMITTED BY:   | DATE: |
| ENGINEER:   |  | APPROVED BY:    | DATE: |
| CONTRACTOR: |  |                 |       |



1-1/2A  
Series "90"  
Centrifugal Pumps  
Vertical In-Line Mounted - Close Coupled

SPECIFICATIONS

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

MATERIALS OF CONSTRUCTION

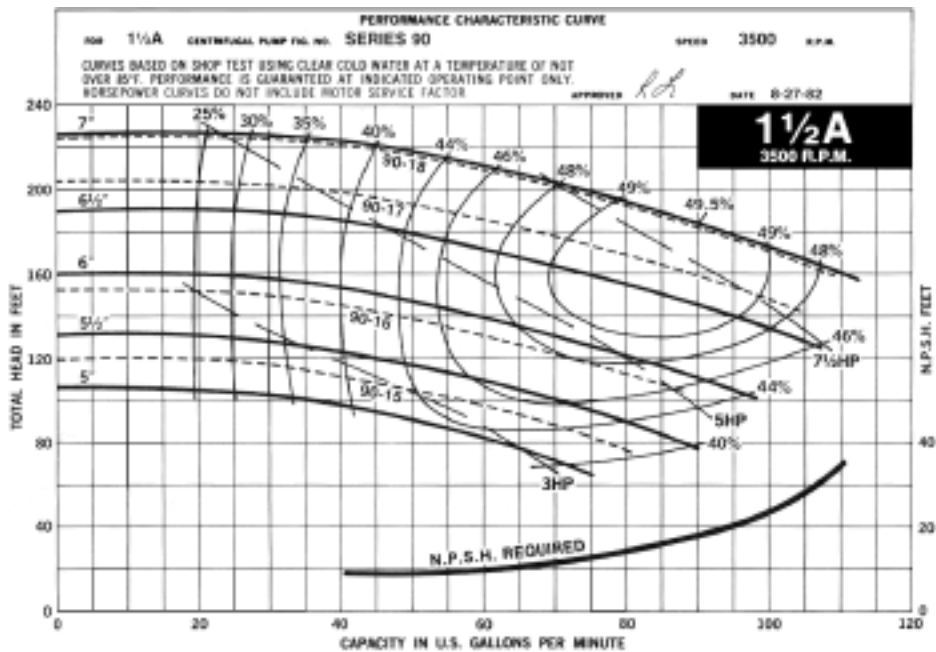
☐ BRONZE FITTED    ☐ ALL BRONZE †  
†Option Not Available with 3HP 1800RPM  
or 7-1/2 – 15HP 3600RPM ratings.

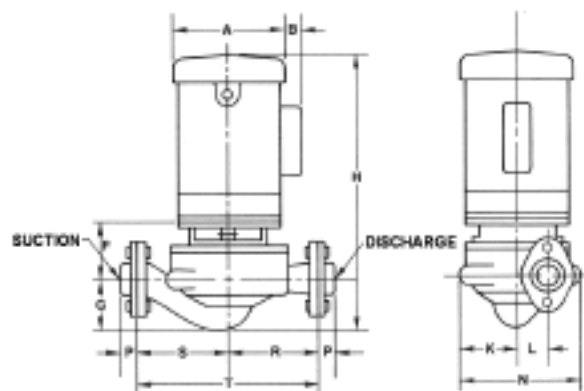
TYPE OF SEAL

☐ 90 Standard Seal  
(Buna-Carbon/Ceramic)  
☐ Optional Seal  
(EPR Carbon/Tungsten Carbide)

MAXIMUM WORKING PRESSURE

☐ 175 psi (12 bar) W.P.





Companion Flanges furnished  
for Suction and Discharge

| PUMP<br>SIZE | SUCTION<br>AND<br>DISCHARGE<br>SIZE -<br>INCHES NPT | PUMP DIMENSIONS IN INCHES (MM) |                 |               |                |           |                |             |                |            |                 |
|--------------|-----------------------------------------------------|--------------------------------|-----------------|---------------|----------------|-----------|----------------|-------------|----------------|------------|-----------------|
|              |                                                     | MOTOR<br>FR.                   | F               | G             | K              | L         | N              | P           | R              | S          | T               |
| 1-1/2A       | 1-1/2                                               | 56                             | 3-11/16<br>(94) | 3-1/2<br>(89) | 4-5/8<br>(117) | 1<br>(25) | 9-1/2<br>(241) | 3/4<br>(19) | 6-1/2<br>(165) | 7<br>(178) | 13-1/2<br>(343) |
| 1-1/2A       | 1-1/2                                               | 184JM                          | 4-9/16<br>(116) | 3-1/2<br>(89) | 4-5/8<br>(117) | 1<br>(25) | 9-1/2<br>(241) | 3/4<br>(19) | 6-1/2<br>(165) | 7<br>(178) | 13-1/2<br>(343) |
| 1-1/2A       | 1-1/2                                               | 213JM                          | 4-9/16<br>(116) | 3-1/2<br>(89) | 4-5/8<br>(117) | 1<br>(25) | 9-1/2<br>(241) | 3/4<br>(19) | 6-1/2<br>(165) | 7<br>(178) | 13-1/2<br>(343) |

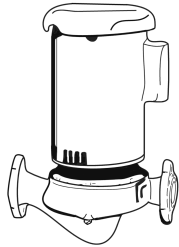
MAXIMUM WORKING PRESSURE 175PSI (12 BAR)

#### DIMENSIONS - Inches (mm)

| MOTOR HP |       |       |         | A MAX.          | B             | H MAX.          | J              |
|----------|-------|-------|---------|-----------------|---------------|-----------------|----------------|
| 1725     | 3450  | PHASE | FR. NO. |                 |               |                 |                |
| 1/2      |       | 1     | 56      | 7-1/2<br>(190)  | 1-1/2<br>(38) | 16-3/4<br>(425) |                |
| 1/2      |       | 3     | 56      | 7-1/2<br>(190)  |               | 16-1/4<br>(413) |                |
| 3/4      |       | 1     | 56      | 7-1/2<br>(190)  | 1-1/2<br>(38) | 17-3/4<br>(451) |                |
| 3/4      |       | 3     | 56      | 7-1/2<br>(190)  |               | 17-1/4<br>(438) |                |
| 1        |       | 1     | 56      | 7-1/2<br>(190)  | 1-1/2<br>(38) | 18-1/2<br>(470) |                |
| 1        |       | 3     | 56      | 7-1/2<br>(190)  |               | 17-1/4<br>(438) |                |
| 1-1/2    |       | 1     | 56      | 7-1/2<br>(190)  | 1-1/2<br>(38) | 19-3/4<br>(502) |                |
| 1-1/2    |       | 3     | 56      | 7-1/2<br>(190)  |               | 17-3/4<br>(451) |                |
|          | 3     | 3     | 56      | 7-1/2<br>(190)  |               | 18-1/2<br>(470) |                |
|          | 5     | 3     | 56      | 7-1/2<br>(190)  |               | 20<br>(508)     |                |
|          | 7-1/2 | 3     | 184JM   | 11-3/4<br>(298) |               | 23-3/8<br>(594) | 3-1/2<br>(89)  |
|          | 10    | 3     | 213JM   | 14<br>(356)     |               | 27-3/8<br>(695) | 4-1/8<br>(105) |

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

|                                                                                   |                                                                                                   |                                              |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|
| <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> |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------|



## 1 1/2 AA

### Series "90"

Centrifugal Pumps  
Vertical In-Line Mounted - Close Coupled

**SPECIFICATIONS**

FLOW \_\_\_\_\_ HEAD \_\_\_\_\_

HP \_\_\_\_\_ RPM \_\_\_\_\_

VOLTS \_\_\_\_\_

CYCLE \_\_\_\_\_ PHASE \_\_\_\_\_

ENCLOSURE \_\_\_\_\_

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

SPECIALS \_\_\_\_\_

\_\_\_\_\_

**MATERIALS OF CONSTRUCTION**

☐ BRONZE FITTED    ☐ ALL BRONZE

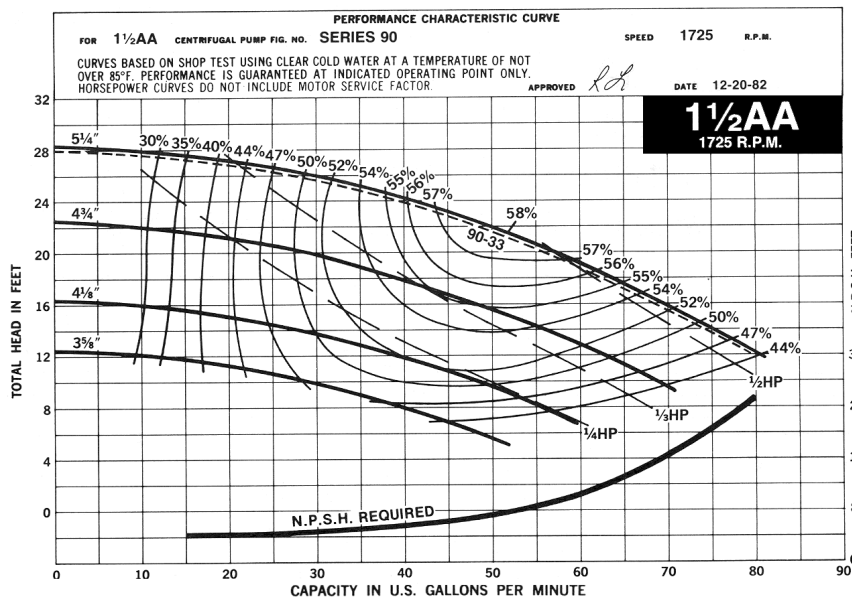
**MAXIMUM WORKING PRESSURE**

☐ 175 psi (12 bar) W.P.

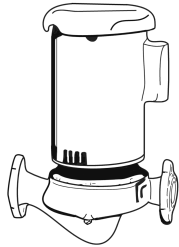
**TYPE OF SEAL**

☐ 90 Standard Seal  
(Buna-Carbon/Ceramic)

☐ Optional Seal  
(EPR Carbon/Tungsten Carbide)



|                                                                                       |                                                                                                       |                                              |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------|
| <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> |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------|



# 1 1/2 AA

## Series "90"

Centrifugal Pumps  
Vertical In-Line Mounted - Close Coupled

### SPECIFICATIONS

FLOW \_\_\_\_\_ HEAD \_\_\_\_\_

HP \_\_\_\_\_ RPM \_\_\_\_\_

VOLTS \_\_\_\_\_

CYCLE \_\_\_\_\_ PHASE \_\_\_\_\_

ENCLOSURE \_\_\_\_\_

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

SPECIALS \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### MATERIALS OF CONSTRUCTION

☐ BRONZE FITTED ☐ ALL BRONZE

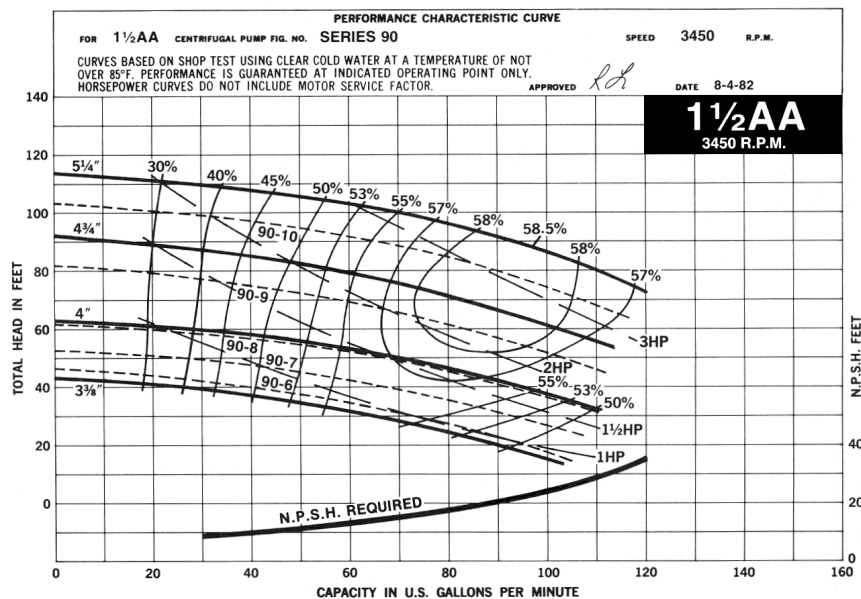
### MAXIMUM WORKING PRESSURE

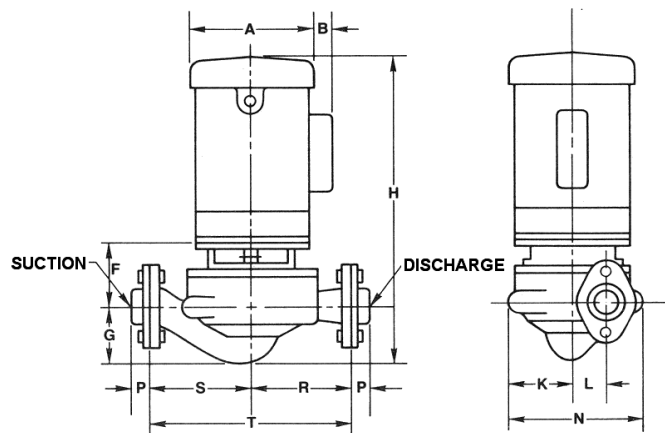
☐ 175 psi (12 bar) W.P.

### TYPE OF SEAL

☐ 90 Standard Seal  
(Buna-Carbon/Ceramic)

☐ Optional Seal  
(EPR Carbon/Tungsten Carbide)





Companion Flanges furnished  
for Suction and Discharge

| PUMP SIZE | SUCTION<br>AND<br>DISCHARGE<br>SIZE -<br>INCHES NPT | PUMP DIMENSIONS IN INCHES (MM) |               |               |               |                |             |            |                |                 |
|-----------|-----------------------------------------------------|--------------------------------|---------------|---------------|---------------|----------------|-------------|------------|----------------|-----------------|
|           |                                                     | F                              | G             | K             | L             | N              | P           | R          | S              | T               |
| 1-1/2AA   | 1-1/2<br>(38)                                       | 2-7/8<br>(73)                  | 3-7/8<br>(98) | 3-3/4<br>(95) | 1-3/8<br>(35) | 7-7/8<br>(200) | 3/4<br>(19) | 5<br>(127) | 6-1/2<br>(165) | 11-1/2<br>(292) |

MAXIMUM WORKING PRESSURE 175PSI (12 BAR)

#### DIMENSIONS – Inches (mm)

| MOTOR HP |       |       | A MAX.         | B             | H MAX.          |
|----------|-------|-------|----------------|---------------|-----------------|
| 1725     | 3450  | PHASE |                |               |                 |
| 1/4      | -     | 1     | 7-1/2<br>(190) | 1-1/2<br>(38) | 15-7/8<br>(403) |
| 1/4      | -     | 3     | 7-1/2<br>(190) | -             | 14-7/8<br>(378) |
| 1/3      | -     | 1     | 7-1/2<br>(190) | 1-1/2<br>(38) | 16-1/4<br>(413) |
| 1/3      | -     | 3     | 7-1/2<br>(190) | -             | 15-3/4<br>(400) |
| 1/2      | -     | 1     | 7-1/2<br>(190) | 1-1/2<br>(38) | 16-1/4<br>(413) |
| 1/2      | -     | 3     | 7-1/2<br>(190) | -             | 15-3/4<br>(400) |
| 3/4      | -     | 1     | 7-1/2<br>(190) | 1-1/2<br>(38) | 17-1/4<br>(438) |
| 3/4      | -     | 3     | 7-1/2<br>(190) | -             | 16-3/4<br>(425) |
| -        | 3/4   | 1     | 7-1/2<br>(190) | 1-1/2<br>(38) | 16-1/4<br>(413) |
| -        | 3/4   | 3     | 7-1/2<br>(190) | -             | 15-7/8<br>(403) |
| -        | 1     | 1     | 7-1/2<br>(190) | 1-1/2<br>(38) | 16-3/4<br>(425) |
| -        | 1     | 3     | 7-1/2<br>(190) | -             | 16-1/2<br>(419) |
| -        | 1-1/2 | 1     | 7-1/2<br>(190) | 1-1/2<br>(38) | 18<br>(457)     |
| -        | 1-1/2 | 3     | 7-1/2<br>(190) | -             | 17-1/2<br>(444) |
| -        | 2     | 3     | 7-1/2<br>(190) | -             | 17-1/2<br>(444) |
| -        | 3     | 3     | 7-1/2<br>(190) | -             | 18<br>(457)     |
| -        | 5     | 3     | 7-1/2<br>(190) | -             | 19-1/2<br>(495) |

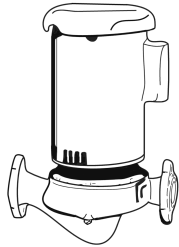
Dimensions are subject to change. Not to be used for construction purposes unless certified.

Xylem Inc.  
8200 N. Austin Avenue  
Morton Grove, IL 60053  
Phone: (847)966-3700  
Fax: (847)965-8379  
www.bellgossett.com

**xylem**  
Let's Solve Water

Bell & Gossett is a trademark of Xylem Inc. or one of its subsidiaries.  
© 2013 Xylem Inc.

|                                                                                       |                                                                                                       |                                              |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------|
| <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> |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------|



## 1-1/4AA

### Series "90"

Centrifugal Pumps  
Vertical In-Line Mounted - Close Coupled

**SPECIFICATIONS**

FLOW \_\_\_\_\_ HEAD \_\_\_\_\_

HP \_\_\_\_\_ RPM \_\_\_\_\_

VOLTS \_\_\_\_\_

CYCLE \_\_\_\_\_ PHASE \_\_\_\_\_

ENCLOSURE \_\_\_\_\_

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

SPECIALS \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**MATERIALS OF CONSTRUCTION**

☐ BRONZE FITTED    ☐ ALL BRONZE

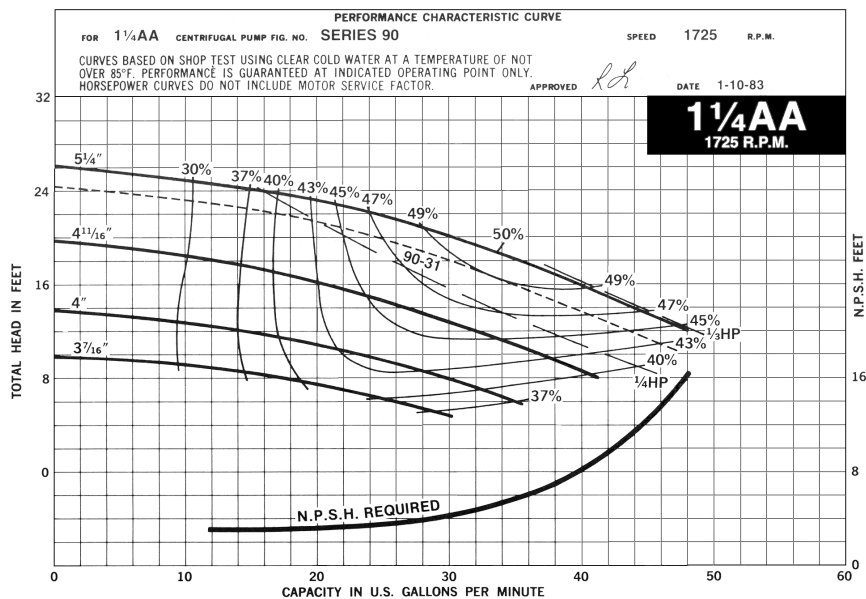
**MAXIMUM WORKING PRESSURE**

☐ 175 psi (12 bar) W.P.

**TYPE OF SEAL**

☐ 90 Standard Seal  
(Buna-Carbon/Ceramic)

☐ Optional Seal  
(EPR Carbon/Tungsten Carbide)



JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

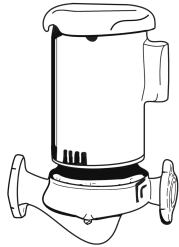
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



# 1-1/4AA

## Series "90"

Centrifugal Pumps  
Vertical In-Line Mounted - Close Coupled

### SPECIFICATIONS

FLOW \_\_\_\_\_ HEAD \_\_\_\_\_

HP \_\_\_\_\_ RPM \_\_\_\_\_

VOLTS \_\_\_\_\_

CYCLE \_\_\_\_\_ PHASE \_\_\_\_\_

ENCLOSURE \_\_\_\_\_

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

SPECIALS \_\_\_\_\_

### MATERIALS OF CONSTRUCTION

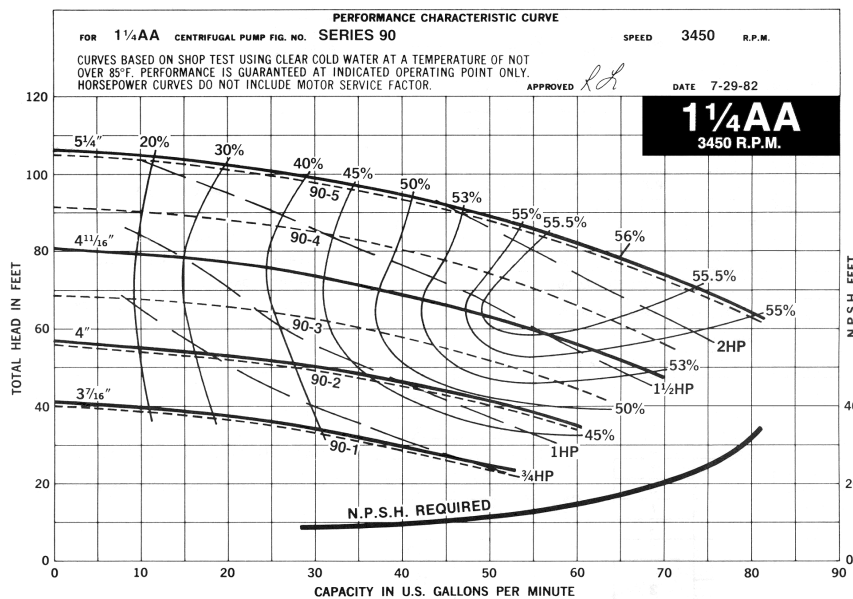
☐ BRONZE FITTED ☐ ALL BRONZE

### MAXIMUM WORKING PRESSURE

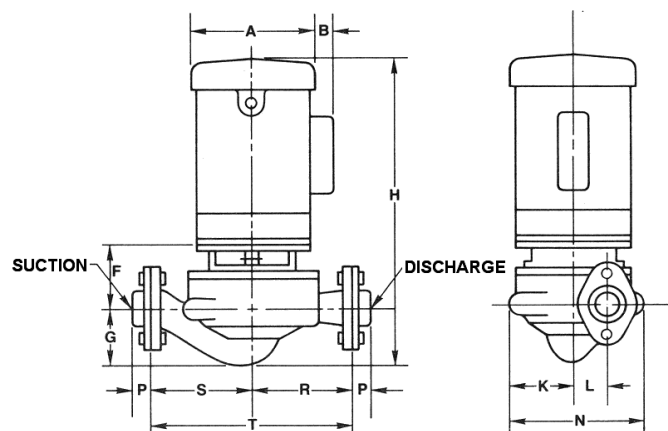
☐ 175 psi (12 bar) W.P.

### TYPE OF SEAL

☐ 90 Standard Seal  
(Buna-Carbon/Ceramic)  
☐ Optional Seal  
(EPR Carbon/Tungsten Carbide)







Companion Flanges furnished  
for Suction and Discharge

| PUMP SIZE | SUCTION<br>AND<br>DISCHARGE<br>SIZE -<br>INCHES NPT | PUMP DIMENSIONS IN INCHES (MM) |                 |               |               |                |             |            |            |             |
|-----------|-----------------------------------------------------|--------------------------------|-----------------|---------------|---------------|----------------|-------------|------------|------------|-------------|
|           |                                                     | F                              | G               | K             | L             | N              | P           | R          | S          | T           |
| 1-1/4AA   | 1-1/4                                               | 2-3/4<br>(70)                  | 3-11/16<br>(94) | 3-5/8<br>(92) | 1-3/8<br>(35) | 7-1/2<br>(190) | 3/4<br>(19) | 5<br>(127) | 6<br>(152) | 11<br>(279) |

MAXIMUM WORKING PRESSURE 175PSI (12 BAR)

#### DIMENSIONS - Inches (mm)

| MOTOR HP |       |       | A MAX.         | B             | H MAX.          |
|----------|-------|-------|----------------|---------------|-----------------|
| 1725     | 3450  | PHASE |                |               |                 |
| 1/4      |       | 1     | 7-1/2<br>(190) | 1-1/2<br>(38) | 15-1/2<br>(394) |
| 1/4      |       | 3     | 7-1/2<br>(190) |               | 14-1/2<br>(368) |
| 1/3      |       | 1     | 7-1/2<br>(190) | 1-1/2<br>(38) | 16<br>(406)     |
| 1/3      |       | 3     | 7-1/2<br>(190) |               | 15-1/2<br>(394) |
|          | 3/4   | 1     | 7-1/2<br>(190) | 1-1/2<br>(38) | 16<br>(406)     |
|          | 3/4   | 3     | 7-1/2<br>(190) |               | 15-5/8<br>(397) |
|          | 1     | 1     | 7-1/2<br>(190) | 1-1/2<br>(38) | 16-1/2<br>(419) |
|          | 1     | 3     | 7-1/2<br>(190) |               | 16-1/4<br>(413) |
|          | 1-1/2 | 1     | 7-1/2<br>(190) | 1-1/2<br>(38) | 17-3/4<br>(451) |
|          | 1-1/2 | 3     | 7-1/2<br>(190) |               | 17-1/4<br>(438) |
|          | 2     | 3     | 7-1/2<br>(190) |               | 17-1/4<br>(438) |
|          | 3     | 3     | 7-1/2<br>(190) |               | 17-3/4<br>(451) |

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

Xylem Inc.  
8200 N. Austin Avenue  
Morton Grove, IL 60053  
Phone: (847)966-3700  
Fax: (847)965-8379  
www.bellgossett.com

**xylem**  
Let's Solve Water

Bell & Gossett is a trademark of Xylem Inc. or one of its subsidiaries.  
© 2013 Xylem Inc.

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

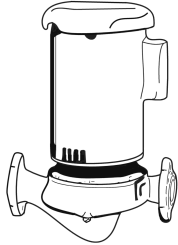
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



# 1AA Series "90"

Centrifugal Pumps  
Vertical In-Line Mounted - Close Coupled

## SPECIFICATIONS

FLOW \_\_\_\_\_ HEAD \_\_\_\_\_

HP \_\_\_\_\_ RPM \_\_\_\_\_

VOLTS \_\_\_\_\_

CYCLE \_\_\_\_\_ PHASE \_\_\_\_\_

ENCLOSURE \_\_\_\_\_

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

SPECIALS \_\_\_\_\_

## MATERIALS OF CONSTRUCTION

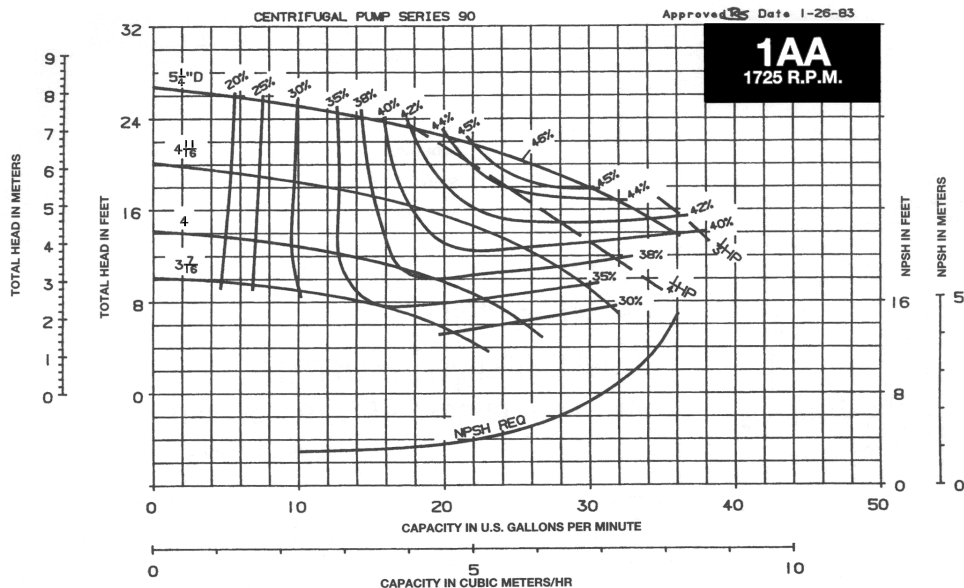
☐ BRONZE FITTED ☐ ALL BRONZE

## MAXIMUM WORKING PRESSURE

☐ 175 psi (12 bar) W.P.

## TYPE OF SEAL

☐ 90 Standard Seal  
(Buna-Carbon/Ceramic)  
☐ Optional Seal  
(EPR Carbon/Tungsten Carbide)



JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

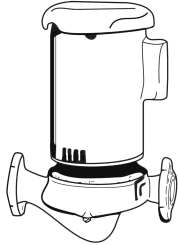
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



# 1AA Series "90"

Centrifugal Pumps  
Vertical In-Line Mounted - Close Coupled

## SPECIFICATIONS

FLOW \_\_\_\_\_ HEAD \_\_\_\_\_

HP \_\_\_\_\_ RPM \_\_\_\_\_

VOLTS \_\_\_\_\_

CYCLE \_\_\_\_\_ PHASE \_\_\_\_\_

ENCLOSURE \_\_\_\_\_

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

SPECIALS \_\_\_\_\_

## MATERIALS OF CONSTRUCTION

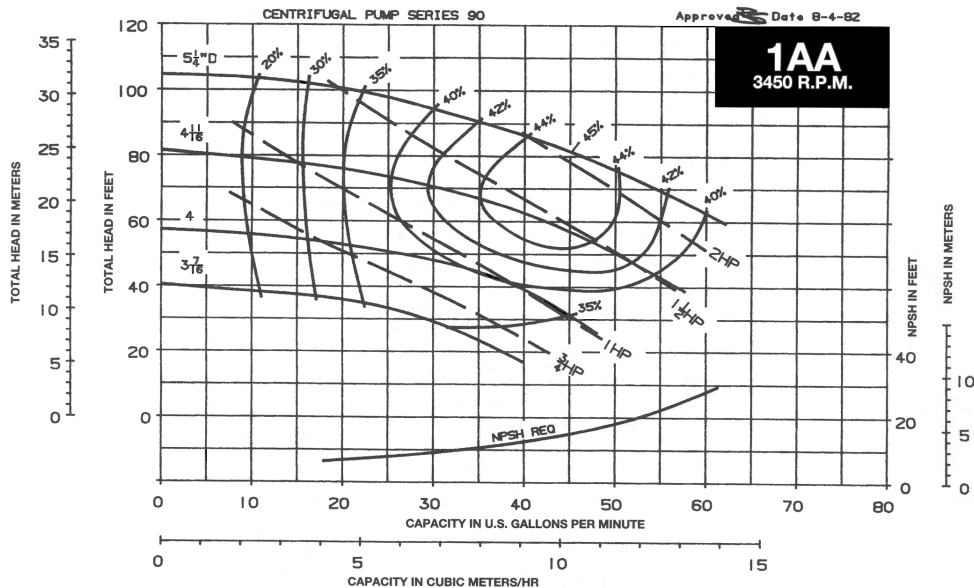
☐ BRONZE FITTED ☐ ALL BRONZE

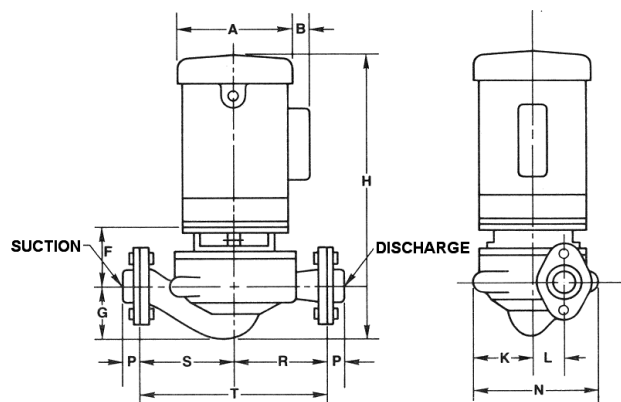
## MAXIMUM WORKING PRESSURE

☐ 175 psi (12 bar) W.P.

## TYPE OF SEAL

☐ 90 Standard Seal  
(Buna-Carbon/Ceramic)  
☐ Optional Seal  
(EPR Carbon/Tungsten Carbide)





Companion Flanges furnished  
for Suction and Discharge

| PUMP SIZE | SUCTION AND DISCHARGE SIZE - INCHES NPT | PUMP DIMENSIONS IN INCHES (MM) |                 |           |               |                |             |            |            |             |
|-----------|-----------------------------------------|--------------------------------|-----------------|-----------|---------------|----------------|-------------|------------|------------|-------------|
|           |                                         | F                              | G               | K         | L             | N              | P           | R          | S          | T           |
| 1AA       | 1                                       | 2-3/4<br>(70)                  | 3-11/16<br>(94) | 3<br>(76) | 1-3/8<br>(35) | 6-1/8<br>(156) | 3/4<br>(19) | 5<br>(127) | 6<br>(152) | 11<br>(279) |

#### DIMENSIONS - Inches (mm)

| MOTOR HP |          |       | A MAX.         | B             | H MAX.          |
|----------|----------|-------|----------------|---------------|-----------------|
| 1725 RPM | 3450 RPM | PHASE |                |               |                 |
| 1/4      |          | 1     | 7-1/2<br>(191) | 1-1/2<br>(38) | 15-1/2<br>(394) |
| 1/4      |          | 3     | 7-1/2<br>(191) |               | 14-1/2<br>(368) |
| 1/3      |          | 1     | 7-1/2<br>(191) | 1-1/2<br>(38) | 16<br>(406)     |
| 1/3      |          | 3     | 7-1/2<br>(191) |               | 15-1/2<br>(394) |
|          | 3/4      | 1     | 7-1/2<br>(191) | 1-1/2<br>(38) | 16<br>(406)     |
|          | 3/4      | 3     | 7-1/2<br>(191) |               | 15-5/8<br>(397) |
|          | 1        | 1     | 7-1/2<br>(191) | 1-1/2<br>(38) | 16-1/2<br>(419) |
|          | 1        | 3     | 7-1/2<br>(191) |               | 17-3/4<br>(451) |
|          | 1-1/2    | 1     | 7-1/2<br>(191) | 1-1/2<br>(38) | 17-1/4<br>(438) |
|          | 1-1/2    | 3     | 7-1/2<br>(191) |               | 17-1/4<br>(438) |
|          | 2        | 3     | 7-1/2<br>(191) |               | 17-1/4<br>(438) |
|          | 3        | 3     | 7-1/2<br>(191) |               | 17-3/4<br>(451) |

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

Xylem Inc.  
8200 N. Austin Avenue  
Morton Grove, IL 60053  
Phone: (847)966-3700  
Fax: (847)965-8379  
www.bellgossett.com

**xylem**  
Let's Solve Water

Bell & Gossett is a trademark of Xylem Inc. or one of its subsidiaries.  
© 2013 Xylem Inc.

|             |  |                 |  |       |  |
|-------------|--|-----------------|--|-------|--|
| JOB:        |  | REPRESENTATIVE: |  |       |  |
| UNIT TAG:   |  | SUBMITTED BY:   |  | DATE: |  |
| ENGINEER:   |  | APPROVED BY:    |  | DATE: |  |
| CONTRACTOR: |  |                 |  |       |  |



**2A**  
**Series "90"**  
Centrifugal Pumps  
Vertical In-Line Mounted - Close Coupled

**SPECIFICATIONS**

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

**MATERIALS OF CONSTRUCTION**

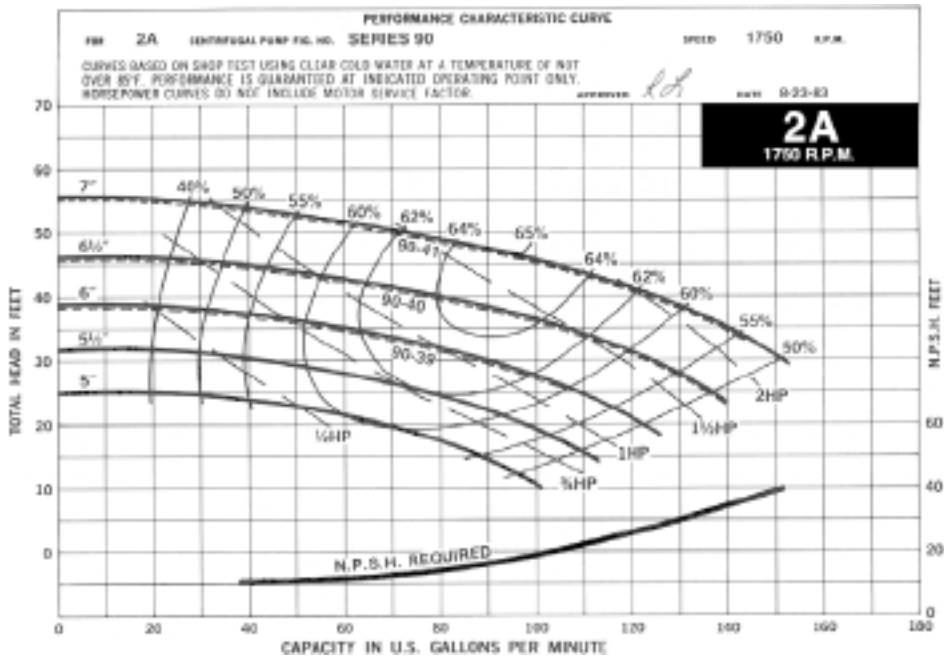
☐ BRONZE FITTED    ☐ ALL BRONZE †  
†Option Not Available with 3HP 1800RPM  
or 7-1/2 - 15HP 3600RPM ratings.

**TYPE OF SEAL**

☐ 90 Standard Seal  
(Buna-Carbon/Ceramic)  
☐ Optional Seal  
(EPR Carbon/Tungsten Carbide)

**MAXIMUM WORKING PRESSURE**

☐ 175 psi (12 bar) W.P.



|             |                 |       |
|-------------|-----------------|-------|
| JOB:        | REPRESENTATIVE: |       |
| UNIT TAG:   | SUBMITTED BY:   | DATE: |
| ENGINEER:   | APPROVED BY:    | DATE: |
| CONTRACTOR: |                 |       |



2A  
Series "90"  
Centrifugal Pumps  
Vertical In-Line Mounted - Close Coupled

SPECIFICATIONS

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

MATERIALS OF CONSTRUCTION

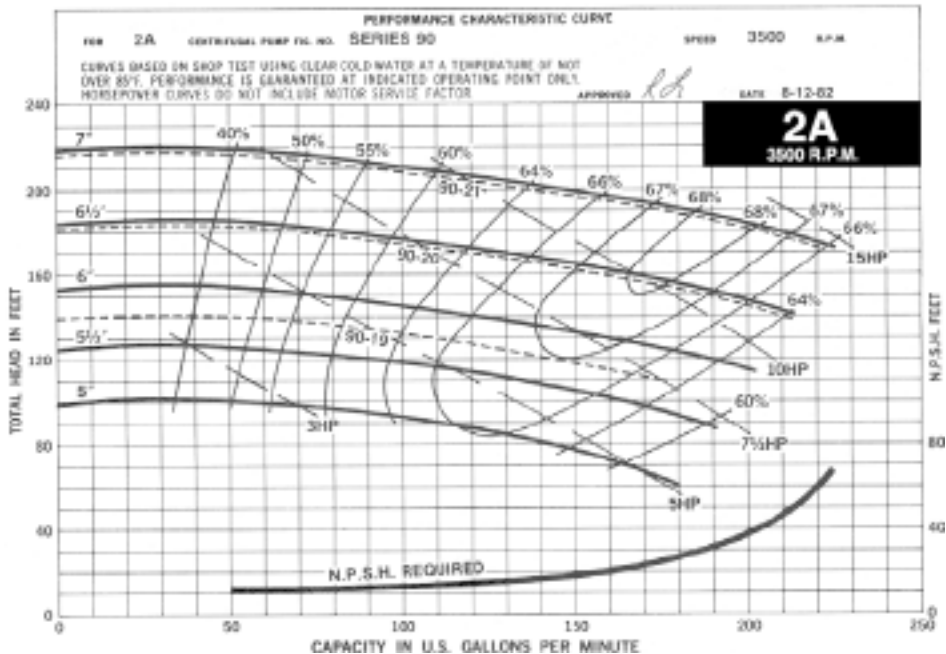
☐ BRONZE FITTED    ☐ ALL BRONZE †  
†Option Not Available with 3HP 1800RPM  
or 7-1/2 - 15HP 3600RPM ratings.

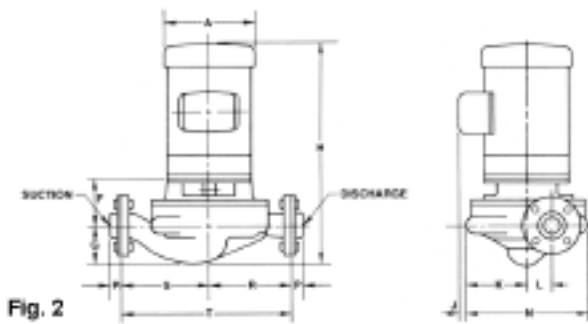
TYPE OF SEAL

☐ 90 Standard Seal  
(Buna-Carbon/Ceramic)  
☐ Optional Seal  
(EPR Carbon/Tungsten Carbide)

MAXIMUM WORKING PRESSURE

☐ 175 psi (12 bar) W.P.





Companion Flanges furnished  
for Suction and Discharge

| PUMP<br>SIZE | SUCTION<br>AND<br>DISCH.<br>SIZE -<br>INCHES NPT | PUMP DIMENSIONS IN INCHES (MM) |                 |               |                |           |                |               |                |                |             |
|--------------|--------------------------------------------------|--------------------------------|-----------------|---------------|----------------|-----------|----------------|---------------|----------------|----------------|-------------|
|              |                                                  | MOTOR<br>FR.                   | F               | G             | K              | L         | N              | P             | R              | S              | T           |
| 2A           | 2                                                | 56                             | 3-11/16<br>(94) | 3-3/4<br>(95) | 4-3/4<br>(121) | 1<br>(25) | 9-7/8<br>(251) | 13/16<br>(21) | 6-1/2<br>(165) | 7-1/2<br>(190) | 14<br>(356) |
| 2A           | 2                                                | 182-84JM                       | 4-9/16<br>(116) | 3-3/4<br>(95) | 4-3/4<br>(121) | 1<br>(25) | 9-7/8<br>(251) | 13/16<br>(21) | 6-1/2<br>(165) | 7-1/2<br>(190) | 14<br>(356) |
| 2A           | 2                                                | 213-15JM                       | 4-9/16<br>(116) | 3-3/4<br>(95) | 4-3/4<br>(121) | 1<br>(25) | 9-7/8<br>(251) | 13/16<br>(21) | 6-1/2<br>(165) | 7-1/2<br>(190) | 14<br>(356) |

#### DIMENSIONS - Inches (mm)

| MOTOR HP |       |       |       | A MAX.          | B             | H MAX.          | J             |
|----------|-------|-------|-------|-----------------|---------------|-----------------|---------------|
| 1725     | 3450  | PHASE | FRAME |                 |               |                 |               |
| 1/2      |       | 1     | 56    | 7-1/2<br>(190)  | 1-1/2<br>(38) | 17<br>(432)     |               |
| 1/2      |       | 3     | 56    | 7-1/2<br>(190)  |               | 16-1/2<br>(419) |               |
| 3/4      |       | 1     | 56    | 7-1/2<br>(190)  | 1-1/2<br>(38) | 18<br>(457)     |               |
| 3/4      |       | 3     | 56    | 7-1/2<br>(190)  |               | 17-1/2<br>(444) |               |
| 1        |       | 1     | 56    | 7-1/2<br>(190)  | 1-1/2<br>(38) | 18-3/4<br>(476) |               |
| 1        |       | 3     | 56    | 7-1/2<br>(190)  |               | 17-1/2<br>(444) |               |
| 1-1/2    |       | 1     | 56    | 7-1/2<br>(190)  | 1-1/2<br>(38) | 20<br>(508)     |               |
| 1-1/2    |       | 3     | 56    | 7-1/2<br>(190)  |               | 18<br>(457)     |               |
| 2        |       | 3     | 56    | 7-1/2<br>(190)  |               | 18-1/2<br>(470) |               |
| 3        |       | 3     | 182JM | 11-3/4<br>(298) |               | 28-5/8<br>(727) | 3-3/8<br>(86) |
|          | 3     | 3     | 56    | 7-1/2<br>(190)  |               | 18-3/4<br>(476) |               |
|          | 5     | 3     | 56    | 7-1/2<br>(190)  |               | 20-1/4<br>(514) |               |
|          | 7-1/2 | 3     | 184JM | 11-3/4<br>(298) |               | 23-5/8<br>(600) | 3-3/8<br>(86) |
|          | 10    | 3     | 213JM | 14<br>(356)     |               | 27-5/8<br>(702) | 4<br>(102)    |
|          | 15    | 3     | 215JM | 14<br>(356)     |               | 27-5/8<br>(702) | 4<br>(102)    |

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

JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

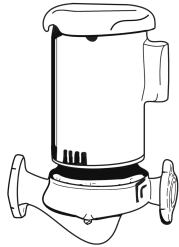
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



## 2AA

### Series "90"

Centrifugal Pumps  
Vertical In-Line Mounted - Close Coupled

#### SPECIFICATIONS

FLOW \_\_\_\_\_ HEAD \_\_\_\_\_

HP \_\_\_\_\_ RPM \_\_\_\_\_

VOLTS \_\_\_\_\_

CYCLE \_\_\_\_\_ PHASE \_\_\_\_\_

ENCLOSURE \_\_\_\_\_

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

SPECIALS \_\_\_\_\_

#### MATERIALS OF CONSTRUCTION

☐ BRONZE FITTED ☐ ALL BRONZE †

†Option Not Available with 3HP 1800RPM or 7-1/2 - 15HP 3600RPM ratings.

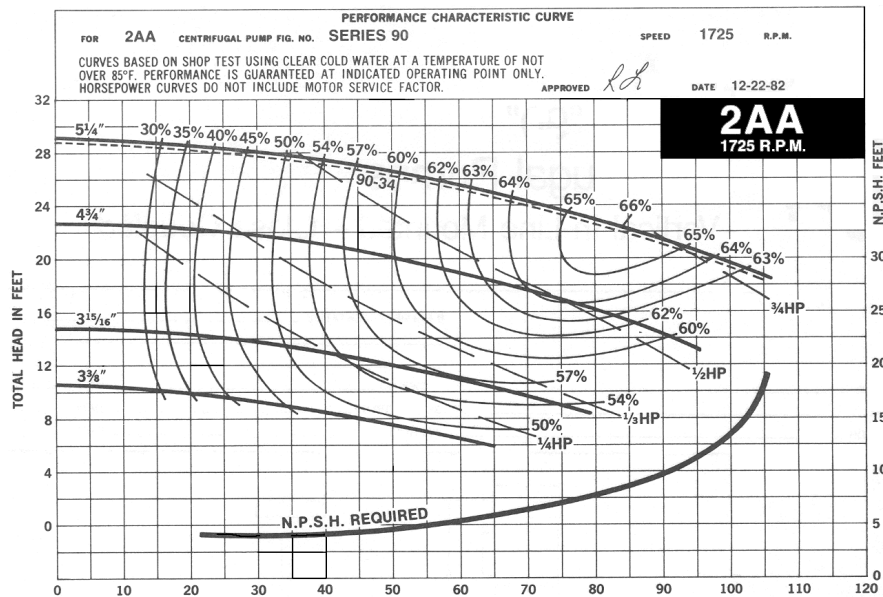
#### MAXIMUM WORKING PRESSURE

☐ 175 psi (12 bar) W.P.

#### TYPE OF SEAL

☐ 90 Standard Seal  
(Buna-Carbon/Ceramic)

☐ Optional Seal  
(EPR Carbon/Tungsten Carbide)





JOB:

REPRESENTATIVE:

UNIT TAG:

ORDER NO.

DATE:

ENGINEER:

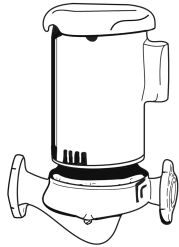
SUBMITTED BY:

DATE:

CONTRACTOR:

APPROVED BY:

DATE:



## 2AA Series "90" Centrifugal Pumps Vertical In-Line Mounted - Close Coupled

### SPECIFICATIONS

FLOW \_\_\_\_\_ HEAD \_\_\_\_\_

HP \_\_\_\_\_ RPM \_\_\_\_\_

VOLTS \_\_\_\_\_

CYCLE \_\_\_\_\_ PHASE \_\_\_\_\_

ENCLOSURE \_\_\_\_\_

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

SPECIALS \_\_\_\_\_

### MATERIALS OF CONSTRUCTION

☐ BRONZE FITTED ☐ ALL BRONZE †

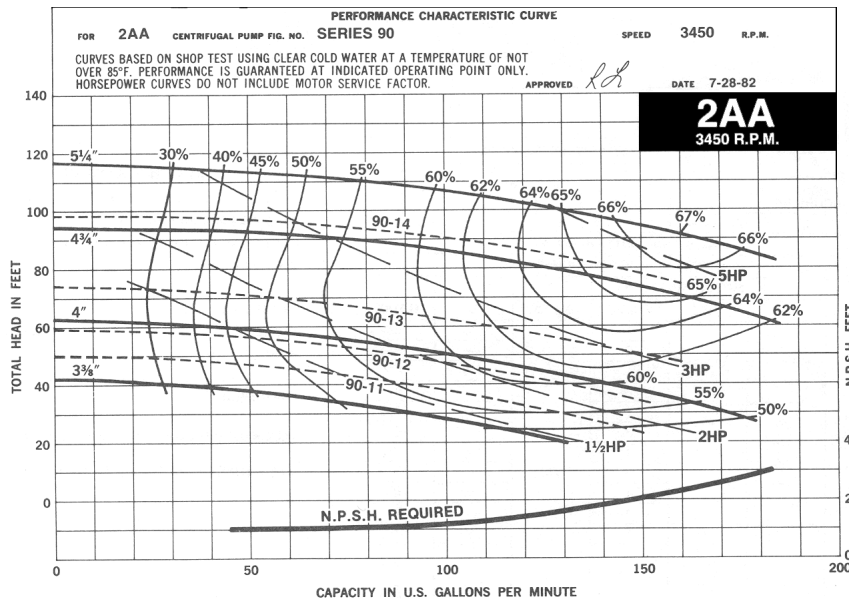
†Option Not Available with 3HP 1800RPM or 7-1/2 - 15HP 3600RPM ratings.

### TYPE OF SEAL

☐ 90 Standard Seal  
(Buna-Carbon/Ceramic)  
☐ Optional Seal  
(EPR Carbon/Tungsten Carbide)

### MAXIMUM WORKING PRESSURE

☐ 175 psi (12 bar) W.P.



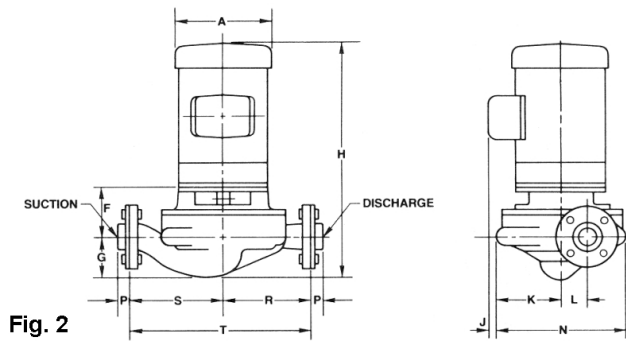


Fig. 2

Companion Flanges furnished  
for Suction and Discharge

| PUMP SIZE | SUCTION AND DISCHARGE SIZE - INCHES NPT | PUMP DIMENSIONS IN INCHES (MM) |            |               |               |            |               |            |                |                 |
|-----------|-----------------------------------------|--------------------------------|------------|---------------|---------------|------------|---------------|------------|----------------|-----------------|
|           |                                         | F                              | G          | K             | L             | N          | P             | R          | S              | T               |
| 2 AA      | 2                                       | 3<br>(76)                      | 4<br>(102) | 3-3/4<br>(95) | 1-3/8<br>(35) | 8<br>(203) | 13/16<br>(21) | 5<br>(127) | 6-1/2<br>(165) | 11-1/2<br>(292) |

## DIMENSIONS – Inches (mm)

| MOTOR HP |       |       | A MAX.         | B             | H MAX.          |
|----------|-------|-------|----------------|---------------|-----------------|
| 1725     | 3450  | PHASE |                |               |                 |
| 1/4      |       | 1     | 7-1/2<br>(190) | 1-1/2<br>(38) | 16-1/4<br>(413) |
| 1/4      |       | 3     | 7-1/2<br>(190) |               | 15-1/4<br>(387) |
| 1/3      |       | 1     | 7-1/2<br>(190) | 1-1/2<br>(38) | 16-1/2<br>(419) |
| 1/3      |       | 3     | 7-1/2<br>(190) |               | 16<br>(406)     |
| 1/2      |       | 1     | 7-1/2<br>(190) | 1-1/2<br>(38) | 16-1/2<br>(419) |
| 1/2      |       | 3     | 7-1/2<br>(190) |               | 16<br>(406)     |
| 3/4      |       | 1     | 7-1/2<br>(190) | 1-1/2<br>(38) | 17-1/2<br>(444) |
| 3/4      |       | 3     | 7-1/2<br>(190) |               | 17<br>(432)     |
| 1        |       | 1     | 7-1/2<br>(190) | 1-1/2<br>(38) | 18-1/4<br>(464) |
| 1        |       | 3     | 7-1/2<br>(190) |               | 17<br>(432)     |
|          | 1-1/2 | 1     | 7-1/2<br>(190) | 1-1/2<br>(38) | 18-1/4<br>(464) |
|          | 1-1/2 | 3     | 7-1/2<br>(190) |               | 17-3/4<br>(451) |
|          | 2     | 3     | 7-1/2<br>(190) |               | 17-3/4<br>(451) |
|          | 3     | 3     | 7-1/2<br>(190) |               | 18-1/4<br>(464) |
|          | 5     | 3     | 7-1/2<br>(190) |               | 19-3/4<br>(502) |

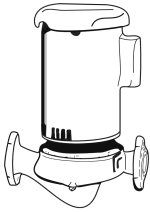
Dimensions are subject to change. Not to be used for construction purposes unless certified.

Xylem Inc.  
8200 N. Austin Avenue  
Morton Grove, IL 60053  
Phone: (847)966-3700  
Fax: (847)965-8379  
www.bellgossett.com

**xylem**  
Let's Solve Water

Bell & Gossett is a trademark of Xylem Inc. or one of its subsidiaries.  
© 2013 Xylem Inc.

|                                                                                       |                                                                                                       |                                              |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------|
| <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> |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------|



## Series 90

### Centrifugal Pumps

#### Vertical In-Line Close-Coupled

#### 1750 RPM Single Phase

**FEATURES**

- ☒ Lead-Free<sup>†</sup> Bronze Fitted Construction
- ☒ Cast Iron Volute
- ☒ Lead-Free<sup>†</sup> Brass Impeller

**TYPE OF SEAL**

- ☒ Standard Seal  
Buna-Carbon/Ceramic  
0°F to +225°F  
(-18°C to +107°C)

**WORKING PRESSURE**

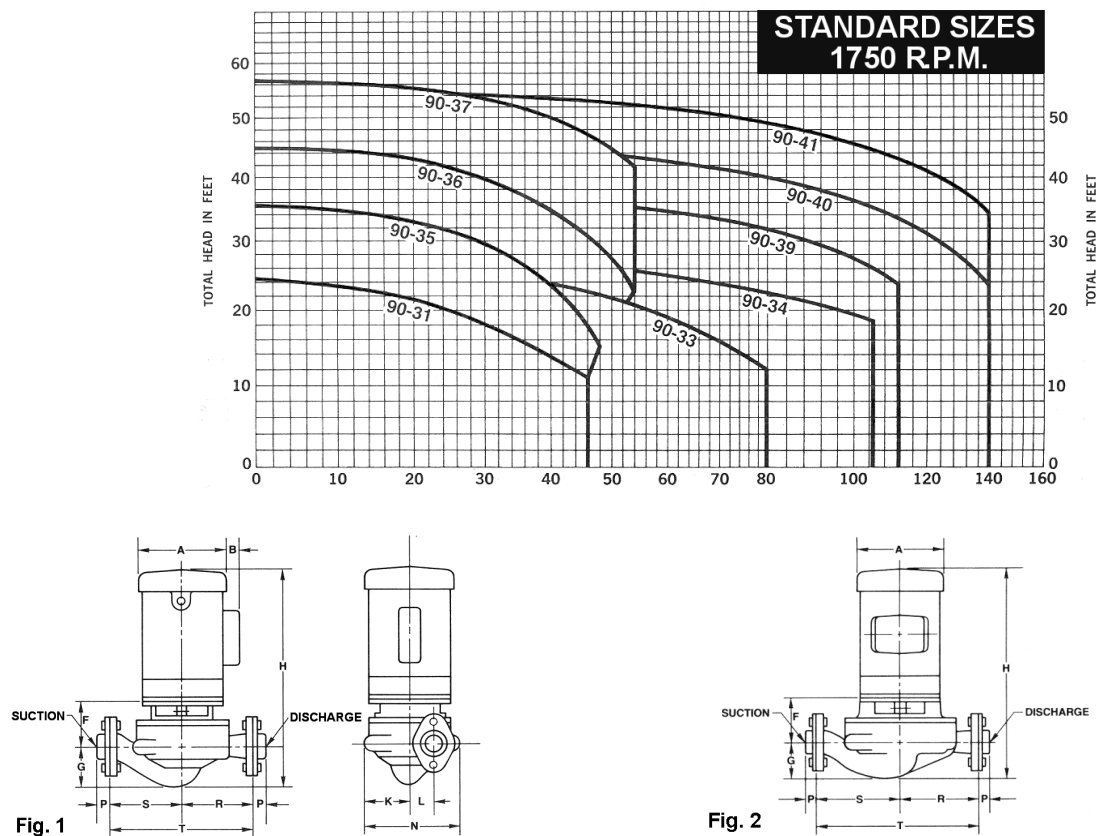
- ☒ Standard Seal 175 psi (12 bar) W.P.

<sup>†</sup> Contains less than 0.25% Lead content by weight on the wetted surfaces.

**SCHEDULE**

| MODEL NUMBER | PART NUMBER | VOLTAGE | PHASE | CYCLE | TAGGING INFORMATION | QUANTITY |
|--------------|-------------|---------|-------|-------|---------------------|----------|
| 90-31S       | 179040LF    | 115/230 | 1     | 60    |                     |          |
| 90-33S       | 179042LF    | 115/230 | 1     | 60    |                     |          |
| 90-34S       | 179044LF    | 115/230 | 1     | 60    |                     |          |
| 90-35S       | 179046LF    | 115/230 | 1     | 60    |                     |          |
| 90-36S       | 179048LF    | 115/230 | 1     | 60    |                     |          |
| 90-37S       | 179050LF    | 115/230 | 1     | 60    |                     |          |
| 90-39S       | 179052LF    | 115/230 | 1     | 60    |                     |          |
| 90-40S       | 179054LF    | 115/230 | 1     | 60    |                     |          |

All single phase motors have built-in overload protection. Motors are open drip proof.



1750 RPM FIG. 1 ALL MOTORS ARE SINGLE PHASE - FRAME NO. 56

| MODEL NO. | PUMP SIZE | SUCTION & DISCHARGE SIZE<br>INS NPT | MOTOR H.P. | NO. OF FLANGE BOLTS | DIMENSIONS - IN INCHES (MM) |               |                 |                |                 |                |               |                |               |                |                |                 |
|-----------|-----------|-------------------------------------|------------|---------------------|-----------------------------|---------------|-----------------|----------------|-----------------|----------------|---------------|----------------|---------------|----------------|----------------|-----------------|
|           |           |                                     |            |                     | MAX A                       | B             | F               | G              | MAX. H          | K              | L             | N              | P             | R              | S              | T               |
| 90-31S    | 1-1/4AA   | 1-1/4                               | 1/4        | 2                   | 7-1/2<br>(190)              | 1-1/2<br>(38) | 2-3/4<br>(70)   | 3-7/16<br>(87) | 15-1/4<br>(387) | 3-5/8<br>(92)  | 1-3/8<br>(35) | 7-1/2<br>(190) | 3/4<br>(19)   | 5<br>(127)     | 6<br>(152)     | 11<br>(279)     |
| 90-33S    | 1-1/2AA   | 1-1/2                               | 1/2        | 2                   | 7-1/2<br>(190)              | 1-1/2<br>(38) | 2-7/8<br>(73)   | 3-5/8<br>(92)  | 16<br>(406)     | 3-3/4<br>(95)  | 1-3/8<br>(35) | 7-7/8<br>(200) | 3/4<br>(19)   | 5<br>(127)     | 6-1/2<br>(165) | 11-1/2<br>(292) |
| 90-34S    | 2AA       | 2                                   | 3/4        | 4                   | 7-1/2<br>(190)              | 1-1/2<br>(38) | 3<br>(76)       | 3-3/4<br>(95)  | 17-1/4<br>(438) | 3-3/4<br>(95)  | 1-3/8<br>(35) | 8<br>(203)     | 3/16<br>(5)   | 5<br>(127)     | 6-1/2<br>(165) | 11-1/2<br>(292) |
| 90-35S    | 1-1/2A    | 1-1/2                               | 1/2        | 2                   | 7-1/2<br>(190)              | 1-1/2<br>(38) | 3-11/16<br>(94) | 3-1/4<br>(83)  | 16-1/2<br>(419) | 4-5/8<br>(117) | 1<br>(25)     | 9-1/2<br>(241) | 3/4<br>(19)   | 6-1/2<br>(165) | 7<br>(178)     | 13-1/2<br>(343) |
| 90-36S    | 1-1/2A    | 1-1/2                               | 3/4        | 2                   | 7-1/2<br>(190)              | 1-1/2<br>(38) | 3-11/16<br>(94) | 3-1/4<br>(83)  | 17-1/2<br>(444) | 4-5/8<br>(117) | 1<br>(25)     | 9-1/2<br>(241) | 3/4<br>(19)   | 6-1/2<br>(165) | 7<br>(178)     | 13-1/2<br>(343) |
| 90-37S    | 1-1/2A    | 1-1/2                               | 1          | 2                   | 7-1/2<br>(190)              | 1-1/2<br>(38) | 3-11/16<br>(94) | 3-1/4<br>(83)  | 18-1/4<br>(464) | 4-5/8<br>(117) | 1<br>(25)     | 9-1/2<br>(241) | 3/4<br>(19)   | 6-1/2<br>(165) | 7<br>(178)     | 13-1/2<br>(343) |
| 90-39S    | 2A        | 2                                   | 1          | 4                   | 7-1/2<br>(190)              | 1-1/2<br>(38) | 3-11/16<br>(94) | 3-1/2<br>(89)  | 18-1/2<br>(470) | 4-3/4<br>(121) | 1<br>(25)     | 9-7/8<br>(251) | 13/16<br>(21) | 6-1/2<br>(165) | 7-1/2<br>(190) | 14<br>(356)     |
| 90-40S    | 2A        | 2                                   | 1-1/2      | 4                   | 7-1/2<br>(190)              | 1-1/2<br>(38) | 3-11/16<br>(94) | 3-1/2<br>(89)  | 19-3/4<br>(502) | 4-3/4<br>(121) | 1<br>(25)     | 9-7/8<br>(251) | 13/16<br>(21) | 6-1/2<br>(165) | 7-1/2<br>(190) | 14<br>(356)     |

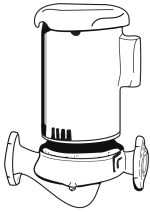
Dimensions are subject to change. Not to be used for construction purposes unless certified.

Xylem Inc.  
8200 N. Austin Avenue  
Morton Grove, IL 60053  
Phone: (847)966-3700  
Fax: (847)965-8379  
[www.xyleminc.com/brands/bellgossett](http://www.xyleminc.com/brands/bellgossett)

**xylem**  
Let's Solve Water

Bell & Gossett is a trademark of Xylem Inc. or one of its subsidiaries.  
© 2012 Xylem Inc.

|                                                                                       |                                                                                                       |                                              |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------|
| <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> |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------|



## Series 90

### Centrifugal Pumps

#### Vertical In-Line Close-Coupled

#### 1750 RPM Three Phase

#### FEATURES

- ☒ Lead-Free<sup>†</sup> Bronze Fitted Construction
- ☒ Cast Iron Volute
- ☒ Lead-Free<sup>†</sup> Brass Impeller

#### TYPE OF SEAL

- ☒ Standard Seal  
Buna-Carbon/Ceramic  
0°F to +225°F  
(-18°C to +107°C)

#### WORKING PRESSURE

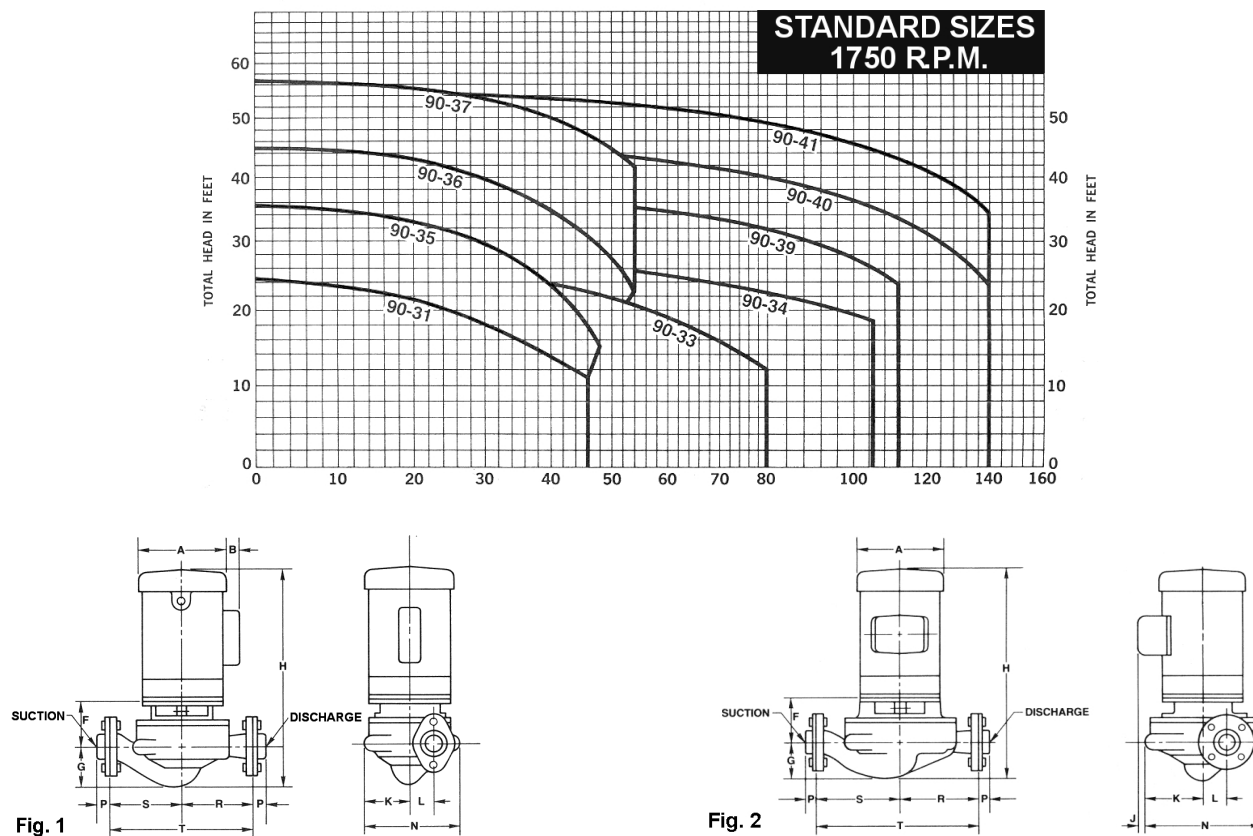
- ☒ Standard Seal 175 psi (12 bar) W.P.

<sup>†</sup>Contains less than 0.25% Lead content by weight on wetted surfaces.

#### SCHEDULE

| MODEL NUMBER | PART NUMBER | VOLTAGE     | PHASE | CYCLE | TAGGING INFORMATION | QUANTITY |
|--------------|-------------|-------------|-------|-------|---------------------|----------|
| 90-31T       | 179041LF    | 208-230/460 | 3     | 60    |                     |          |
| 90-33T       | 179043LF    | 208-230/460 | 3     | 60    |                     |          |
| 90-34T       | 179045LF    | 208-230/460 | 3     | 60    |                     |          |
| 90-35T       | 179047LF    | 208-230/460 | 3     | 60    |                     |          |
| 90-36T       | 179049LF    | 208-230/460 | 3     | 60    |                     |          |
| 90-37T       | 179051LF    | 208-230/460 | 3     | 60    |                     |          |
| 90-39T       | 179053LF    | 208-230/460 | 3     | 60    |                     |          |
| 90-40T       | 179055LF    | 208-230/460 | 3     | 60    |                     |          |
| 90-41T       | 179056LF    | 208-230/460 | 3     | 60    |                     |          |

All single phase motors have built-in overload protection. Motors are open drip proof.



1750 RPM FIG. 1 ALL MOTORS ARE THREE PHASE - FRAME NO. 56

| MODEL NO. | PUMP SIZE | SUCTION & DISCHARGE SIZE INS NPT | MOTOR H.P. | NO. OF FLANGE BOLTS | DIMENSIONS - IN INCHES (MM) |                 |                |                 |                |               |                |               |                |                |                 |
|-----------|-----------|----------------------------------|------------|---------------------|-----------------------------|-----------------|----------------|-----------------|----------------|---------------|----------------|---------------|----------------|----------------|-----------------|
|           |           |                                  |            |                     | MAX A                       | F               | G              | MAX. H          | K              | L             | N              | P             | R              | S              | T               |
| 90-31T    | 1-1/4AA   | 1-1/4                            | 1/4        | 2                   | 7-1/2<br>(190)              | 2-3/4<br>(70)   | 3-7/16<br>(87) | 14-1/4<br>(362) | 3-5/8<br>(92)  | 1-3/8<br>(35) | 7-1/2<br>(190) | 3/4<br>(19)   | 5<br>(127)     | 6<br>(152)     | 11<br>(279)     |
| 90-33T    | 1-1/2AA   | 1-1/2                            | 1/2        | 2                   | 7-1/2<br>(190)              | 2-7/8<br>(73)   | 3-5/8<br>(92)  | 15-1/2<br>(394) | 3-3/4<br>(95)  | 1-3/8<br>(35) | 7-7/8<br>(200) | 3/4<br>(19)   | 5<br>(127)     | 6-1/2<br>(165) | 11-1/2<br>(292) |
| 90-34T    | 2AA       | 2                                | 3/4        | 4                   | 7-1/2<br>(190)              | 3<br>(76)       | 3-3/4<br>(95)  | 16-3/4<br>(425) | 3-3/4<br>(95)  | 1-3/8<br>(35) | 8<br>(203)     | 3/16<br>(5)   | 5<br>(127)     | 6-1/2<br>(165) | 11-1/2<br>(292) |
| 90-35T    | 1-1/2A    | 1-1/2                            | 1/2        | 2                   | 7-1/2<br>(190)              | 3-11/16<br>(94) | 3-1/4<br>(83)  | 16<br>(406)     | 4-5/8<br>(117) | 1<br>(25)     | 9-1/2<br>(241) | 3/4<br>(19)   | 6-1/2<br>(165) | 7<br>(178)     | 13-1/2<br>(343) |
| 90-36T    | 1-1/2A    | 1-1/2                            | 3/4        | 2                   | 7-1/2<br>(190)              | 3-11/16<br>(94) | 3-1/4<br>(83)  | 17<br>(432)     | 4-5/8<br>(117) | 1<br>(25)     | 9-1/2<br>(241) | 3/4<br>(19)   | 6-1/2<br>(165) | 7<br>(178)     | 13-1/2<br>(343) |
| 90-37T    | 1-1/2A    | 1-1/2                            | 1          | 2                   | 7-1/2<br>(190)              | 3-11/16<br>(94) | 3-1/4<br>(83)  | 17<br>(432)     | 4-5/8<br>(117) | 1<br>(25)     | 9-1/2<br>(241) | 3/4<br>(19)   | 6-1/2<br>(165) | 7<br>(178)     | 13-1/2<br>(343) |
| 90-39T    | 2A        | 2                                | 1          | 4                   | 7-1/2<br>(190)              | 3-11/16<br>(94) | 3-1/2<br>(89)  | 17-1/4<br>(438) | 4-3/4<br>(121) | 1<br>(25)     | 9-7/8<br>(251) | 13/16<br>(21) | 6-1/2<br>(165) | 7-1/2<br>(190) | 14<br>(356)     |
| 90-40T    | 2A        | 2                                | 1-1/2      | 4                   | 7-1/2<br>(190)              | 3-11/16<br>(94) | 3-1/2<br>(89)  | 17-3/4<br>(451) | 4-3/4<br>(121) | 1<br>(25)     | 9-7/8<br>(251) | 13/16<br>(21) | 6-1/2<br>(165) | 7-1/2<br>(190) | 14<br>(356)     |
| 90-41T    | 2A        | 2                                | 2          | 4                   | 7-1/2<br>(190)              | 3-11/16<br>(94) | 3-1/2<br>(89)  | 18-1/4<br>(464) | 4-3/4<br>(121) | 1<br>(25)     | 9-7/8<br>(251) | 13/16<br>(21) | 6-1/2<br>(165) | 7-1/2<br>(190) | 14<br>(356)     |

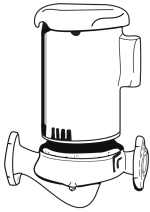
Dimensions are subject to change. Not to be used for construction purposes unless certified.

Xylem Inc.  
8200 N. Austin Avenue  
Morton Grove, IL 60053  
Phone: (847)966-3700  
Fax: (847)965-8379  
[www.xyleminc.com/brands/bellgossett](http://www.xyleminc.com/brands/bellgossett)

**xylem**  
Let's Solve Water

Bell & Gossett is a trademark of Xylem Inc. or one of its subsidiaries.  
© 2012 Xylem Inc.

|                                                                                       |                                                                                                       |                                              |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------|
| <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> |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------|



## Series 90

### Centrifugal Pumps

#### Vertical In-Line Close-Coupled

#### 3500 RPM Single Phase

#### FEATURES

- ☒ Lead-Free<sup>†</sup> Bronze Fitted Construction
- ☒ Cast Iron Volute
- ☒ Lead-Free<sup>†</sup> Brass Impeller

#### TYPE OF SEAL

- ☒ Standard Seal  
Buna-Carbon/Ceramic  
0°F to +225°F  
(-18°C to +107°C)

#### WORKING PRESSURE

- ☒ 175 psi (12 bar) W.P.

<sup>†</sup> Contains less than 0.25% Lead content by weight on wetted surfaces.

#### SCHEDULE

| MODEL NUMBER | PART NUMBER | VOLTAGE | PHASE | CYCLE | TAGGING INFORMATION | QUANTITY |
|--------------|-------------|---------|-------|-------|---------------------|----------|
| 90-1S        | 179000LF    | 115/230 | 1     | 60    |                     |          |
| 90-2S        | 179002LF    | 115/230 | 1     | 60    |                     |          |
| 90-3S        | 179004LF    | 115/230 | 1     | 60    |                     |          |
| 90-4S        | 179006LF    | 115/230 | 1     | 60    |                     |          |
| 90-6S        | 179009LF    | 115/230 | 1     | 60    |                     |          |
| 90-7S        | 179011LF    | 115/230 | 1     | 60    |                     |          |
| 90-8S        | 179013LF    | 115/230 | 1     | 60    |                     |          |
| 90-11S       | 179017LF    | 115/230 | 1     | 60    |                     |          |

All single phase motors have built-in overload protection. Motors are open drip proof.

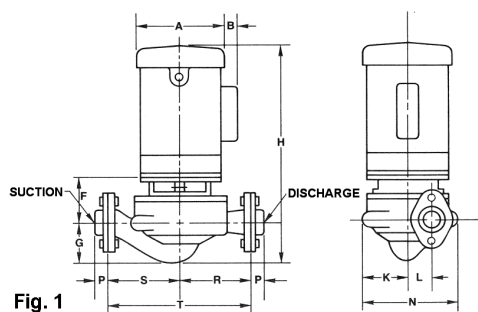
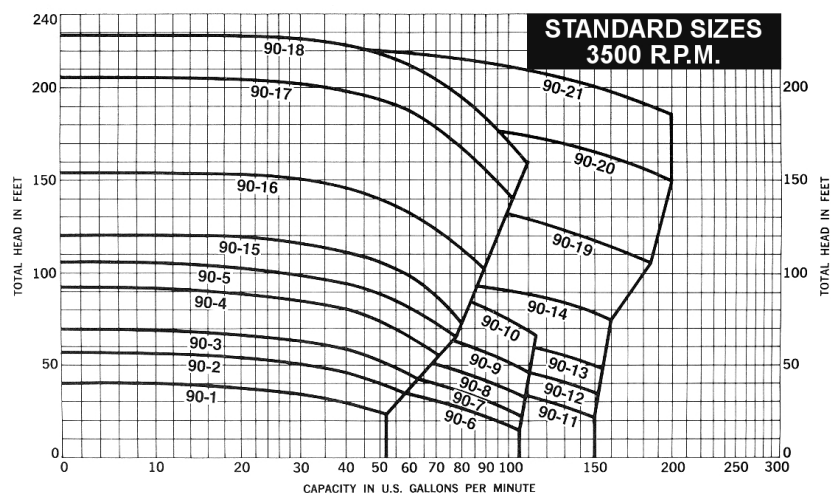


Fig. 1

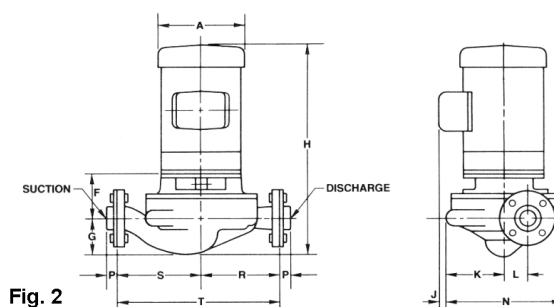


Fig. 2

## 3500 RPM SINGLE PHASE FIG. 1 - ALL MOTORS ARE FRAME NO. 56

| MODEL NO. | PUMP SIZE | SUCTION & DISCHARGE SIZE IN NPT | MOTOR H.P. | NO. OF FLANGE BOLTS | DIMENSIONS - IN INCHES (MM) |            |            |             |              |            |            |             |            |         |             |              |
|-----------|-----------|---------------------------------|------------|---------------------|-----------------------------|------------|------------|-------------|--------------|------------|------------|-------------|------------|---------|-------------|--------------|
|           |           |                                 |            |                     | MAX A                       | B          | F          | G           | MAX. H       | K          | L          | N           | P          | R       | S           | T            |
| 90-1S     | 1-1/4AA   | 1-1/4                           | 1/2        | 2                   | 7-1/2 (190)                 | 1-1/2 (38) | 2-3/4 (70) | 3-7/16 (87) | 15-1/4 (387) | 3-5/8 (92) | 1-3/8 (35) | 7-1/2 (190) | 3/4 (19)   | 5 (127) | 6 (152)     | 11 (279)     |
| 90-2S     | 1-1/4AA   | 1-1/4                           | 3/4        | 2                   | 7-1/2 (190)                 | 1-1/2 (38) | 2-3/4 (70) | 3-7/16 (87) | 15-3/4 (400) | 3-5/8 (92) | 1-3/8 (35) | 7-1/2 (190) | 3/4 (19)   | 5 (127) | 6 (152)     | 11 (279)     |
| 90-3S     | 1-1/4AA   | 1-1/4                           | 1          | 2                   | 7-1/2 (190)                 | 1-1/2 (38) | 2-3/4 (70) | 3-7/16 (87) | 16-1/4 (413) | 3-5/8 (92) | 1-3/8 (35) | 7-1/2 (190) | 3/4 (19)   | 5 (127) | 6 (152)     | 11 (279)     |
| 90-4S     | 1-1/4AA   | 1-1/4                           | 1-1/2      | 2                   | 7-1/2 (190)                 | 1-1/2 (38) | 2-3/4 (70) | 3-7/16 (87) | 17-1/2 (444) | 3-5/8 (92) | 1-3/8 (35) | 7-1/2 (190) | 3/4 (19)   | 5 (127) | 6 (152)     | 11 (279)     |
| 90-6S     | 1-1/2AA   | 1-1/2                           | 3/4        | 2                   | 7-1/2 (190)                 | 1-1/2 (38) | 2-3/4 (70) | 3-5/8 (92)  | 16 (406)     | 3-3/4 (95) | 1-3/8 (35) | 7-7/8 (200) | 3/4 (19)   | 5 (127) | 6-1/2 (165) | 11-1/2 (292) |
| 90-7S     | 1-1/2AA   | 1-1/2                           | 1          | 2                   | 7-1/2 (190)                 | 1-1/2 (38) | 2-7/8 (73) | 3-5/8 (92)  | 16-1/2 (419) | 3-3/4 (95) | 1-3/8 (35) | 7-7/8 (200) | 3/4 (19)   | 5 (127) | 6-1/2 (165) | 11-1/2 (292) |
| 90-8S     | 1-1/2AA   | 1-1/2                           | 1-1/2      | 2                   | 7-1/2 (190)                 | 1-1/2 (38) | 2-7/8 (73) | 3-5/8 (92)  | 17-3/4 (451) | 3-3/4 (95) | 1-3/8 (35) | 7-7/8 (200) | 3/4 (19)   | 5 (127) | 6-1/2 (165) | 11-1/2 (292) |
| 90-11S    | 2AA       | 2                               | 1-1/2      | 4                   | 7-1/2 (190)                 | 1-1/2 (38) | 3 (76)     | 3-3/4 (95)  | 18 (457)     | 3-3/4 (95) | 1-3/8 (35) | 8 (203)     | 13/16 (21) | 5 (127) | 6-1/2 (165) | 11-1/2 (292) |

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

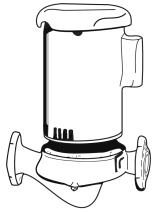
Xylem Inc.  
8200 N. Austin Avenue  
Morton Grove, IL 60053  
Phone: (847)966-3700  
Fax: (847)965-8379  
[www.xyleminc.com/brands/bellgossett](http://www.xyleminc.com/brands/bellgossett)

**xylem**  
Let's Solve Water

Bell & Gossett is a trademark of Xylem Inc. or one of its subsidiaries.  
© 2012 Xylem Inc.



|                                                                                       |                                                                                                       |                                              |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------|
| <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> |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------|



## Series 90

### Centrifugal Pumps

#### Vertical In-Line Close-Coupled

#### 3500 RPM Three Phase

**FEATURES**

- ☒ Lead-Free<sup>†</sup> Bronze Fitted Construction
- ☒ Cast Iron Volute
- ☒ Lead-Free<sup>†</sup> Brass Impeller

**TYPE OF SEAL**

- ☒ Standard Seal  
Buna-Carbon/Ceramic  
0°F to +225°F  
(-18°C to +107°C)

**WORKING PRESSURE**

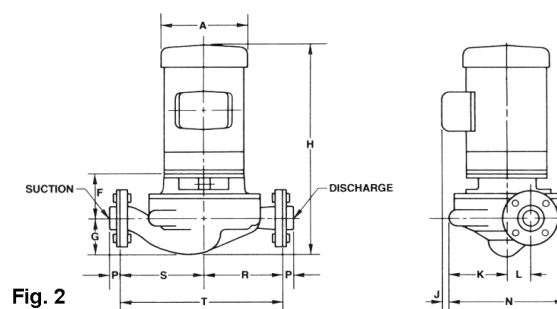
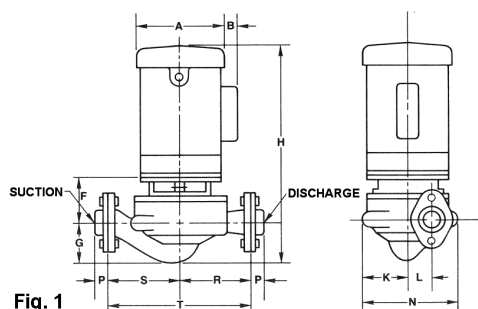
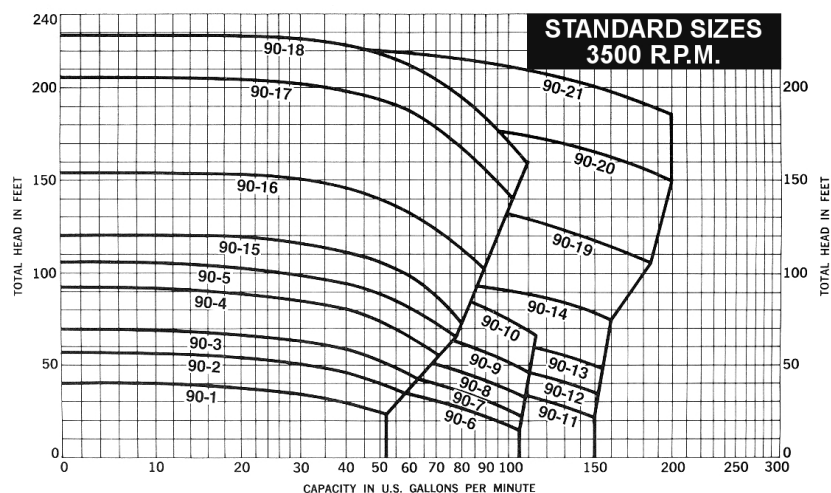
- ☒ 175 psi (12 bar) W.P.

<sup>†</sup> Contains less than 0.25% Lead content by weight on the wetted surfaces.

**SCHEDULE**

| MODEL NUMBER | PART NUMBER | VOLTAGE     | PHASE | CYCLE | TAGGING INFORMATION | QUANTITY |
|--------------|-------------|-------------|-------|-------|---------------------|----------|
| 90-15T       | 179022LF    | 208-230/460 | 3     | 60    |                     |          |
| 90-16T       | 179023LF    | 208-230/460 | 3     | 60    |                     |          |
| 90-17T       | 179025LF    | 208-230/460 | 3     | 60    |                     |          |
| 90-18T       | 179027LF    | 208-230/460 | 3     | 60    |                     |          |
| 90-19T       | 179029LF    | 208-230/460 | 3     | 60    |                     |          |
| 90-20T       | 179031LF    | 208-230/460 | 3     | 60    |                     |          |
| 90-21T       | 179033LF    | 208-230/460 | 3     | 60    |                     |          |

Motors are open drip proof.



3500 RPM FIG. 2

| MODEL NO. | PUMP SIZE | SUCTION & DISCHARGE SIZE IN NPT | MOTOR H.P. | FRAME | NO. OF FLANGE BOLTS | DIMENSIONS - IN INCHES (MM) |                 |               |                 |                |                |           |                |               |                |                |                 |
|-----------|-----------|---------------------------------|------------|-------|---------------------|-----------------------------|-----------------|---------------|-----------------|----------------|----------------|-----------|----------------|---------------|----------------|----------------|-----------------|
|           |           |                                 |            |       |                     | MAX A                       | F               | G             | MAX. H          | J              | K              | L         | N              | P             | R              | S              | T               |
| 90-15T    | 1-1/2A    | 1-1/2                           | 3          | 56C   | 2                   | 7-1/2<br>(190)              | 3-11/16<br>(94) | 3-1/4<br>(83) | 18-1/4<br>(464) | -              | 4-5/8<br>(117) | 1<br>(25) | 9-1/2<br>(241) | 3/4<br>(19)   | 6-1/2<br>(165) | 7<br>(178)     | 13-1/2<br>(343) |
| 90-16T    | 1-1/2A    | 1-1/2                           | 5          | 56C   | 2                   | 7-1/2<br>(190)              | 3-11/16<br>(94) | 3-1/4<br>(83) | 19-3/4<br>(502) | -              | 4-5/8<br>(117) | 1<br>(25) | 9-1/2<br>(241) | 3/4<br>(19)   | 6-1/2<br>(165) | 7<br>(178)     | 13-1/2<br>(343) |
| 90-17T    | 1-1/2A    | 1-1/2                           | 7-1/2      | 184JM | 2                   | 11-3/4<br>(298)             | 4-9/16<br>(116) | 3-1/4<br>(83) | 23-1/8<br>(587) | 3-1/2<br>(89)  | 4-5/8<br>(117) | 1<br>(25) | 9-1/2<br>(241) | 3/4<br>(19)   | 6-1/2<br>(165) | 7<br>(178)     | 13-1/2<br>(343) |
| 90-18T    | 1-1/2A    | 1-1/2                           | 10         | 213JM | 2                   | 14<br>(356)                 | 4-9/16<br>(116) | 3-1/4<br>(83) | 27-1/8<br>(689) | 4-1/8<br>(105) | 4-5/8<br>(117) | 1<br>(25) | 9-1/2<br>(241) | 13/16<br>(21) | 6-1/2<br>(165) | 7<br>(178)     | 13-1/2<br>(343) |
| 90-19T    | 2A        | 2                               | 7-1/2      | 184JM | 4                   | 11-3/4<br>(298)             | 4-9/16<br>(116) | 3-1/2<br>(89) | 23-3/8<br>(594) | 3-3/8<br>(86)  | 4-3/4<br>(121) | 1<br>(25) | 9-7/8<br>(251) | 13/16<br>(21) | 6-1/2<br>(165) | 7-1/2<br>(190) | 14<br>(356)     |
| 90-20T    | 2A        | 2                               | 10         | 213JM | 4                   | 14<br>(356)                 | 4-9/16<br>(116) | 3-1/2<br>(89) | 27-3/8<br>(695) | 4<br>(102)     | 4-3/4<br>(121) | 1<br>(25) | 9-7/8<br>(251) | 13/16<br>(21) | 6-1/2<br>(165) | 7-1/2<br>(190) | 14<br>(356)     |
| 90-21T    | 2A        | 2                               | 15         | 215JM | 4                   | 14<br>(356)                 | 4-9/16<br>(116) | 3-1/2<br>(89) | 27-3/8<br>(695) | 4<br>(102)     | 4-3/4<br>(121) | 1<br>(25) | 9-7/8<br>(251) | 13/16<br>(21) | 6-1/2<br>(165) | 7-1/2<br>(190) | 14<br>(356)     |

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

Xylem Inc.  
8200 N. Austin Avenue  
Morton Grove, IL 60053  
Phone: (847)966-3700  
Fax: (847)965-8379  
[www.xyleminc.com/brands/bellgossett](http://www.xyleminc.com/brands/bellgossett)

**xylem**  
Let's Solve Water

Bell & Gossett is a trademark of Xylem Inc. or one of its subsidiaries.  
© 2012 Xylem Inc.