

# WEBTROL

*There when you need us most*



## Industrial Pumps

- Horizontal & Vertical Booster Pumps
- End Suction Centrifugal Pumps





**Booster and Centrifugal Surface Pumps  
for Industrial, Commercial, Municipal,  
and Agricultural Applications**

**(800) 769-7867**

8417 New Hampshire Ave. | St. Louis, MO 63123

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## NOTES

## EZ SERIES BOOSTER PUMPS

### Cast Iron and Stainless Steel Booster Pumps



## EZ Series

EZ Series pumps are carefully hand assembled, then individually checked & tested, to provide you with reliable solutions for industrial, commercial, and agricultural applications.

#### Features and Benefits

- 316 stainless steel and cast iron fitted models
- 316 stainless steel hex shaft, coupling, and pump housing
- Glass filled Delrin®, Polycarbonate or Noryl® impellers
- Injection molded, Polycarbonate, or Noryl® diffusers with stainless steel wear rings

The quality and performance you expect, along with industry best lead times and personalized service, only from Webtrol!

#### Performance

HP Range: .5 to 5 HP, 60Hz  
Capacities to 40 GPM  
Pressures to 500 PSI  
Temperatures to 180 °F

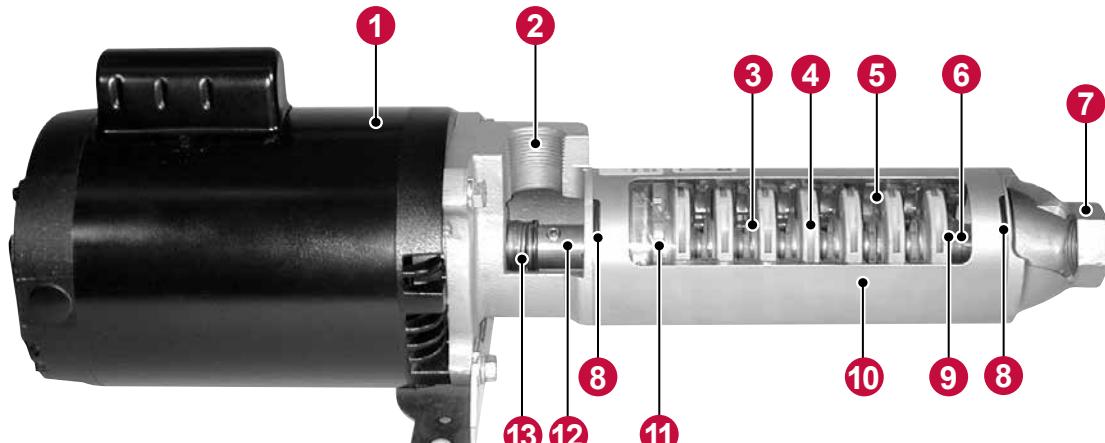
#### Typical Services

|                   |                  |
|-------------------|------------------|
| • Reverse Osmosis | • Washdown       |
| • Deionization    | • Water Boosting |
| • Car Wash        | • Jockey Pump    |

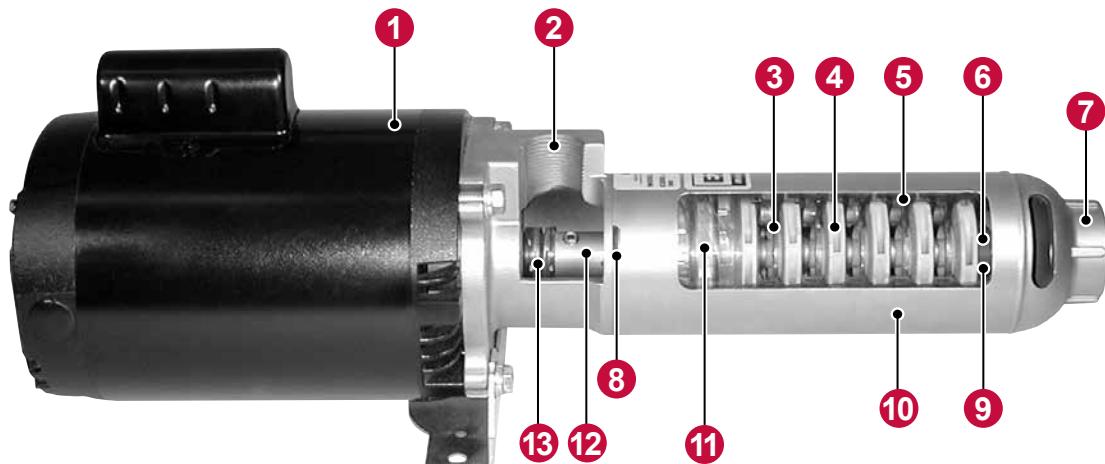
**EZ** Series

## BOOSTER PUMPS

### Construction & Design Features



*Cast Iron*



*Stainless Steel*

| Construction Materials |                |                |
|------------------------|----------------|----------------|
| Part                   | Cast Iron      | 316 SS         |
| Inlet/Motor Bracket    | Cast Iron      | 316 SS         |
| Discharge Housing      | Cast Iron      | 316 SS         |
| Pump Housing           | 304 SS         | 316 SS         |
| Impellers              | Thermoplastic  | Thermoplastic  |
| Diffusers              | Thermoplastic  | Thermoplastic  |
| Wear Rings             | 316 SS         | 316 SS         |
| Shaft & Coupling       | 316 SS         | 316 SS         |
| Mechanical Seal        | Carbon/Ceramic | Carbon/Ceramic |
| O-Rings                | Buna-N         | Viton™         |

| Inlet & Discharge Size |              |             |
|------------------------|--------------|-------------|
| Part                   | Series (GPM) | Size (FNPT) |
| Inlet/Discharge        | 5, 10, 15    | 1"          |
| Inlet/Discharge        | 20, 35       | 1 1/2"      |

## BOOSTER PUMPS

**EZ** Series

### Construction & Design Features

#### 1 Motor

The motor is a "C" face, 3450 RPM, 50 or 60 cycle, single or three phase, open drip proof (TEFC available) with long life thrust bearings, sized to support the thrust loads generated by the pump. Motors through 3 HP are NEMA Standard 56J frame with a threaded shaft and greased for life ball bearings. 5 HP motors are foot mounted 184CYZ frame with a keyed shaft and greasable high thrust angular contact bearings.

#### 2 Inlet/Motor Bracket

The inlet / motor bracket is cast iron or investment cast stainless steel depending on the type of construction you choose. All inlet connections are female NPT.

#### 3 Diffuser Wear Rings

Stainless steel wear rings are molded into each diffuser at all critical wear points, maintaining tight clearances for high efficiencies.

#### 4 Impellers

High strength glass filled Delrin® or polycarbonate thermoplastic impellers provide pulse free pressure boost. All impellers are injection molded and machined to insure dimensional accuracy and balance. Noryl impellers are available upon request.

#### 5 Diffusers

High strength polycarbonate diffusers are injection molded, concentrically aligned, providing perfectly aligned, clean, smooth water passages for higher efficiencies. Noryl® diffusers are available upon request.

#### 6 Shaft

Stainless steel hex shaft is cold drawn to exacting tolerances, to eliminate shaft run out for vibration free operation.

#### 7 Discharge

The discharge is cast iron or investment cast stainless steel depending on the type of construction you choose. All discharge connections are female NPT.

#### 8 O-Rings

Positive sealing Buna-N o-rings are used to seal off both ends of the pump housing on cast iron models. A Viton™ o-ring is used to seal the inlet side of the pump housing on stainless steel models.

#### 9 Shaft Sleeve Running Bearing

316 Stainless steel running bearing is water lubricated and cooled. The shaft sleeve runs inside of either a Rulon® (stainless steel models) or brass (cast iron models), sleeve bearing, that has been molded into the top diffuser for greater efficiency. Each bearing is machined to precision tolerances and concentricity. Intermediate bearings are used on pumps that may require additional support.

#### 10 Pump Housing

Thick wall stainless steel tubing is used on all models. Cast iron models are threaded on both ends. Stainless steel models are threaded on the inlet side with a discharge that has been machine welded to the tube on the other end.

#### 11 Rotating Assembly

The entire rotating assembly, consisting of impellers, diffusers, top and bottom plates, bearings, shaft and coupling, is easily field replaceable.

#### 12 Coupling

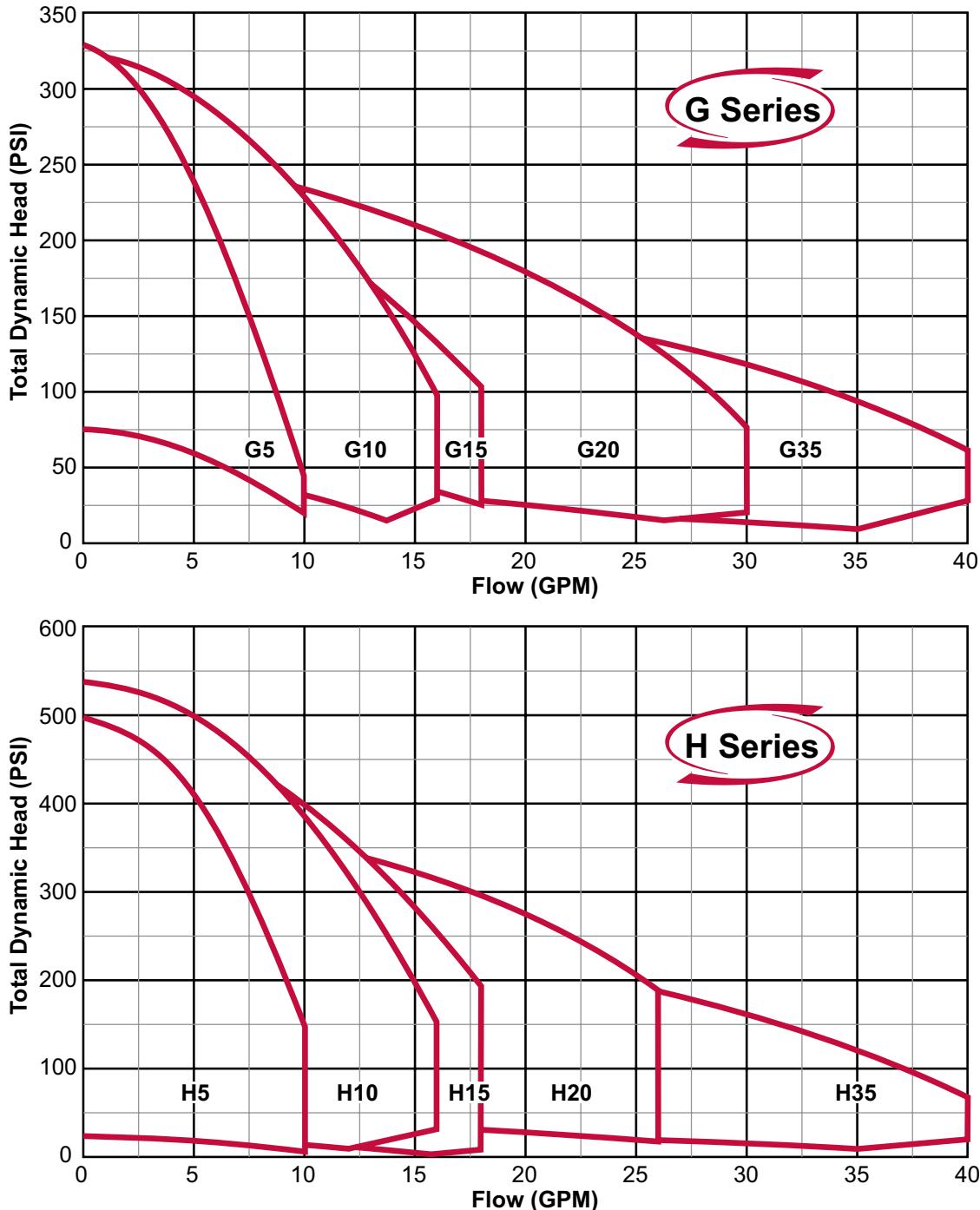
Stainless steel coupling has interference fit onto the pump shaft and pinned to lock in place. Depending on the motor frame size, the coupling either screws onto the motor shaft or slips onto the motor shaft and is keyed in place. Set screws lock the coupling to the motor shaft.

#### 13 Mechanical Seal

The spring loaded, positive sealing, mechanical seal has a ceramic stationary face and a carbon rotating face. Metal components on the rotating half are stainless steel and the elastomers are Buna-N (Nitrile) on cast iron models and Viton on stainless steel models. The standard seal will handle inlet pressures up to 100 PSI, while an optional seal is available for pressures up to 250 PSI.

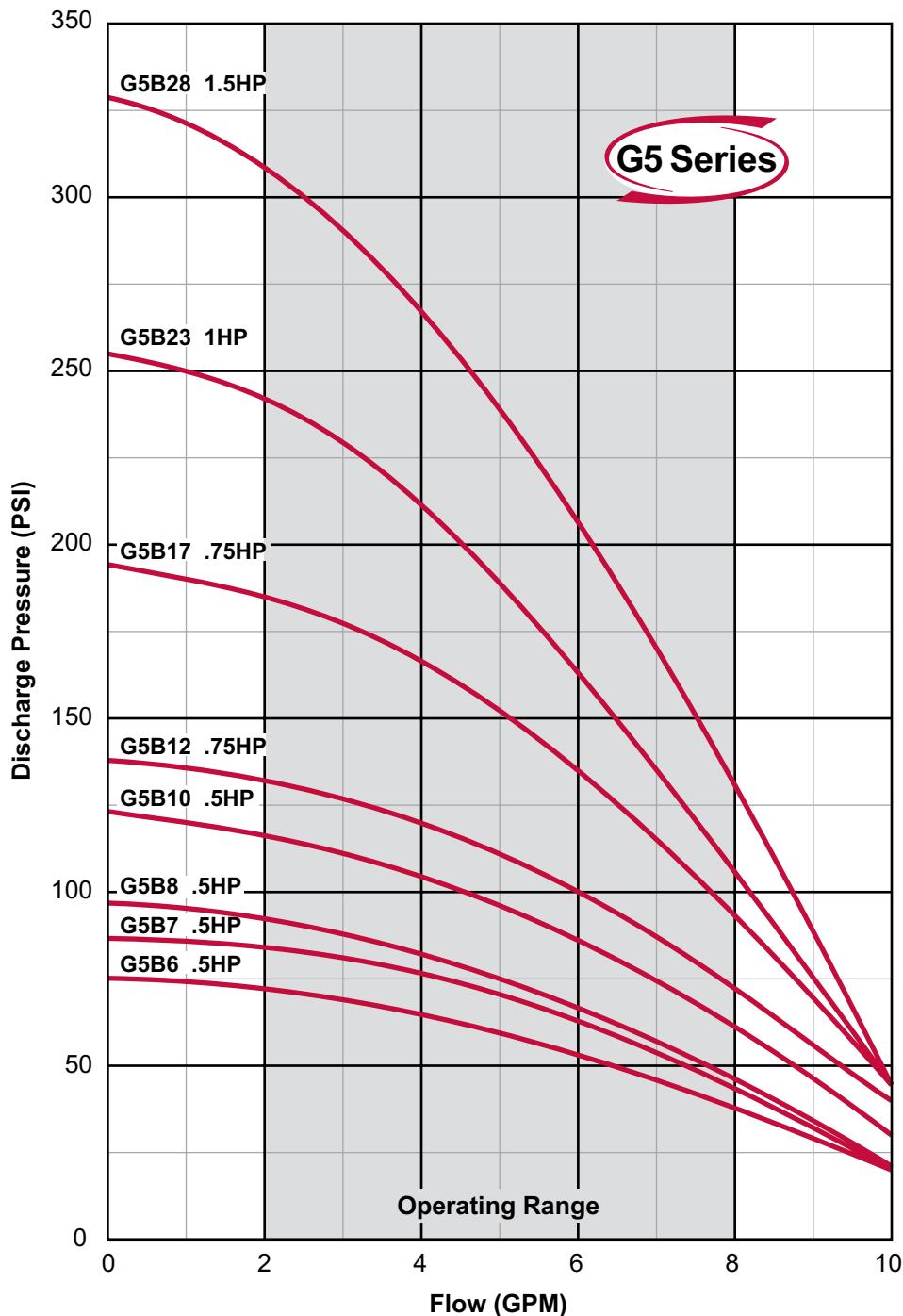
**EZ Series**

## SERIES FAMILY CURVES



## G5 SERIES GROUP CURVES

**EZ Series**

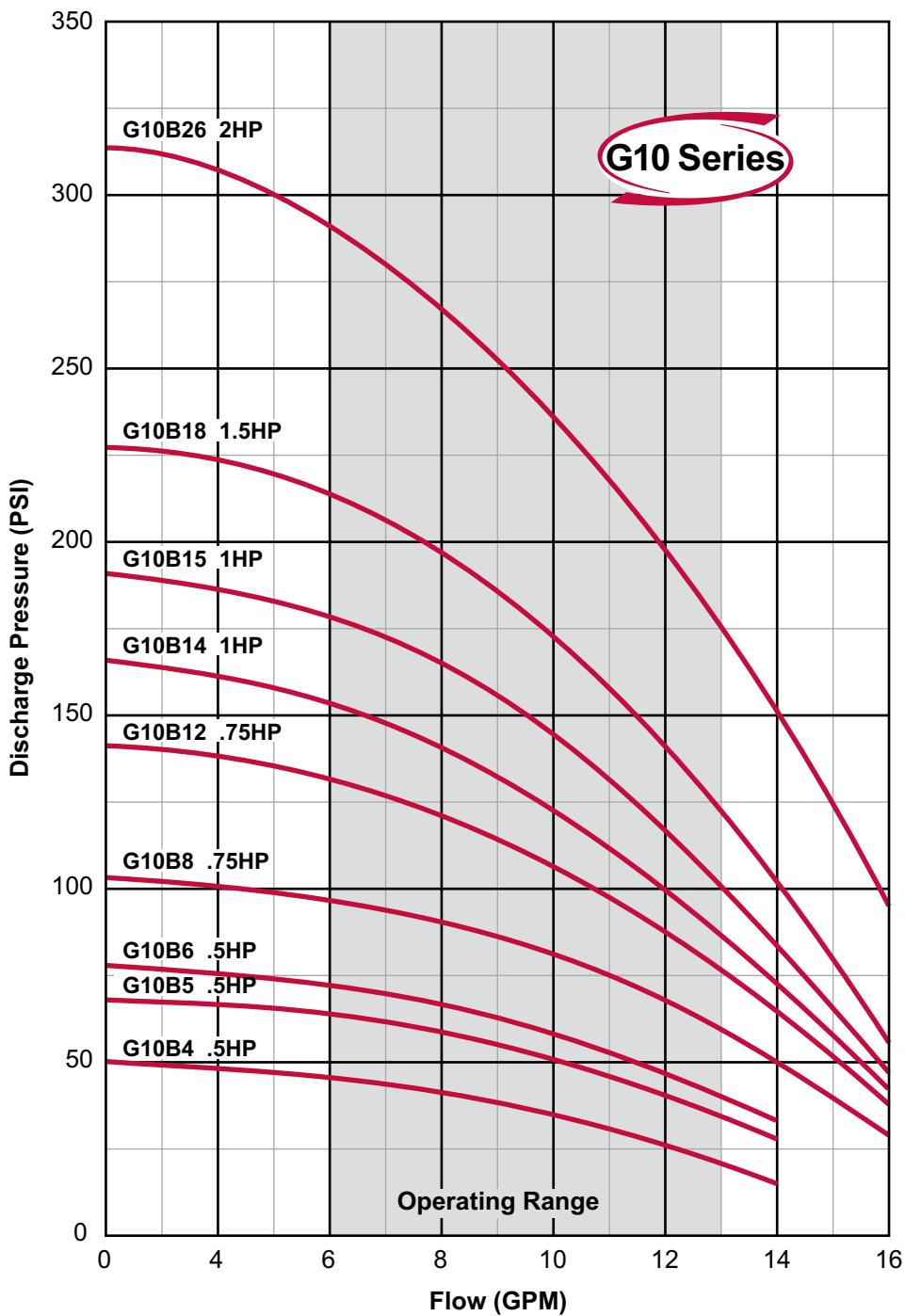


**Note:**

Curves are based on 60 Hz 3450 rpm motors. 50 Hz 2875 rpm curves are available. These curves are for general guidance only, individual pump curves are available upon request. A certified curve may be requested for an additional cost. Webtrol will build pumps to fit your specific needs, contact factory for pricing.

**EZ Series**

## G10 SERIES GROUP CURVES

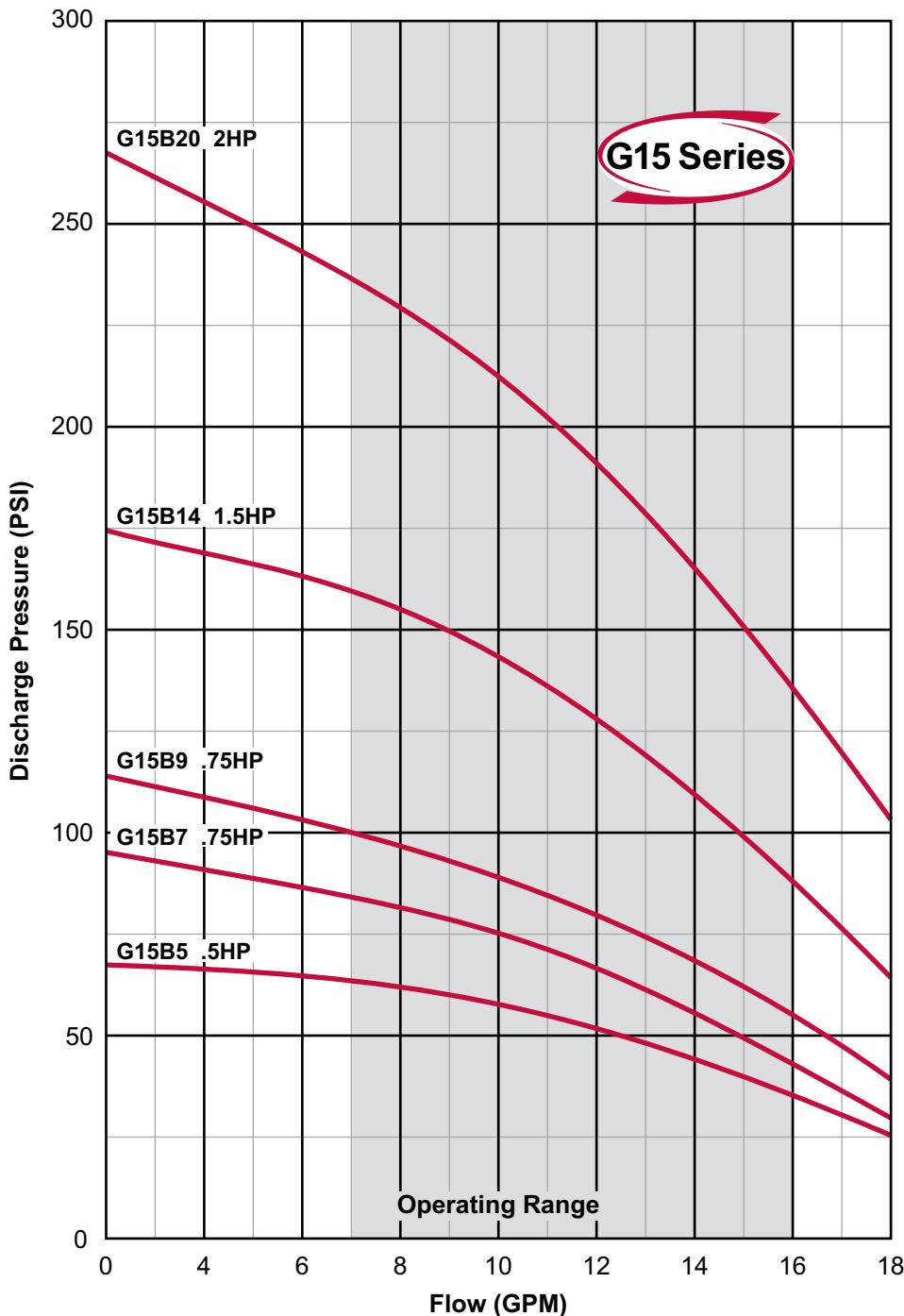


**Note:**

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## G15 SERIES GROUP CURVES

**EZ** Series

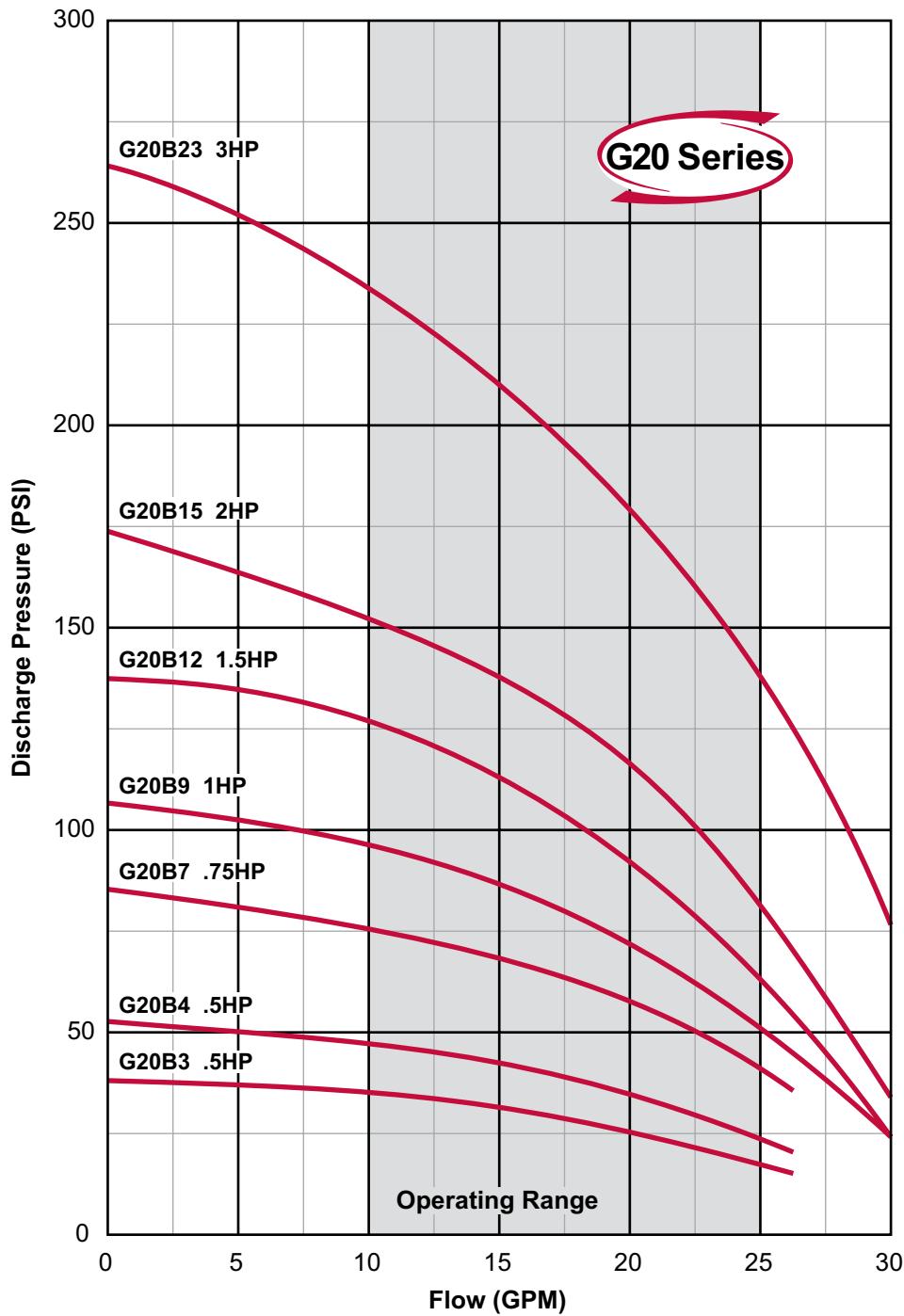


**Note:**

Curves are based on 60 Hz 3450 rpm motors. 50 Hz 2875 rpm curves are available. These curves are for general guidance only, individual pump curves are available upon request. A certified curve may be requested for an additional cost. Webtrol will build pumps to fit your specific needs, contact factory for pricing.

**EZ Series**

## G20 SERIES GROUP CURVES

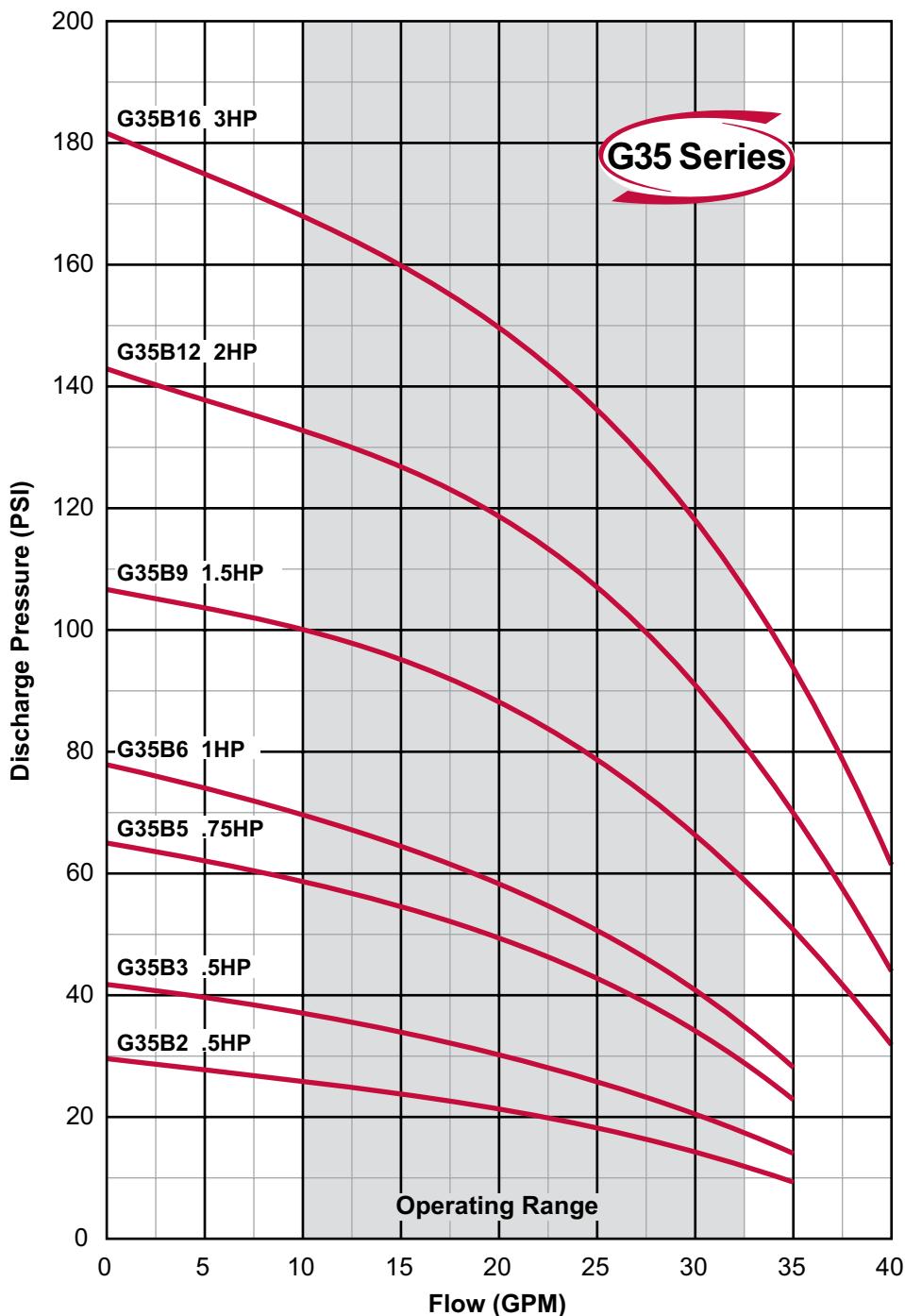


**Note:**

Curves are based on 60 Hz 3450 rpm motors. 50 Hz 2875 rpm curves are available. These curves are for general guidance only, individual pump curves are available upon request. A certified curve may be requested for an additional cost. Webtrol will build pumps to fit your specific needs, contact factory for pricing.

## G35 SERIES GROUP CURVES

**EZ** Series

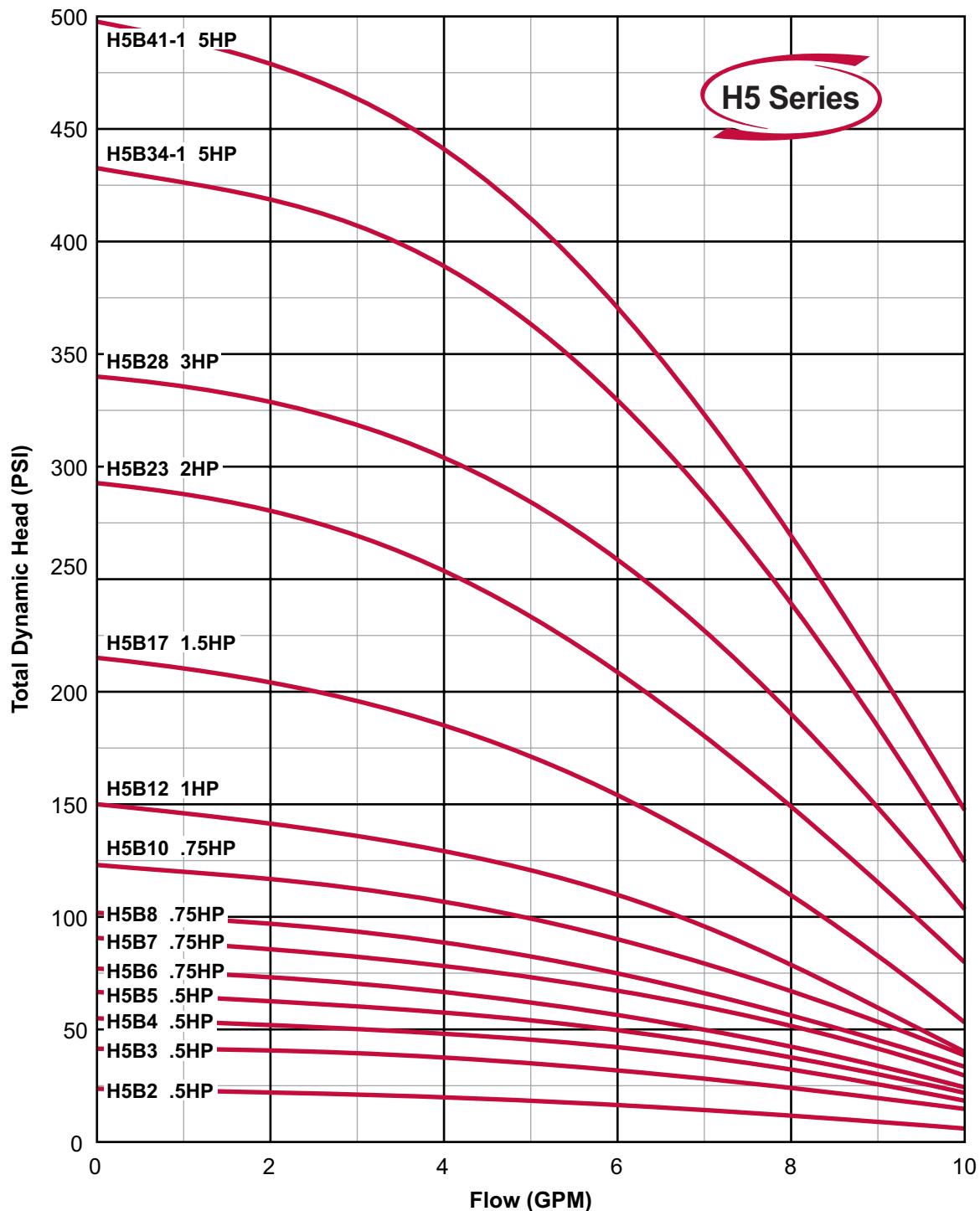


**Note:**

Curves are based on 60 Hz 3450 rpm motors. 50 Hz 2875 rpm curves are available. These curves are for general guidance only, individual pump curves are available upon request. A certified curve may be requested for an additional cost. Webtrol will build pumps to fit your specific needs, contact factory for pricing.

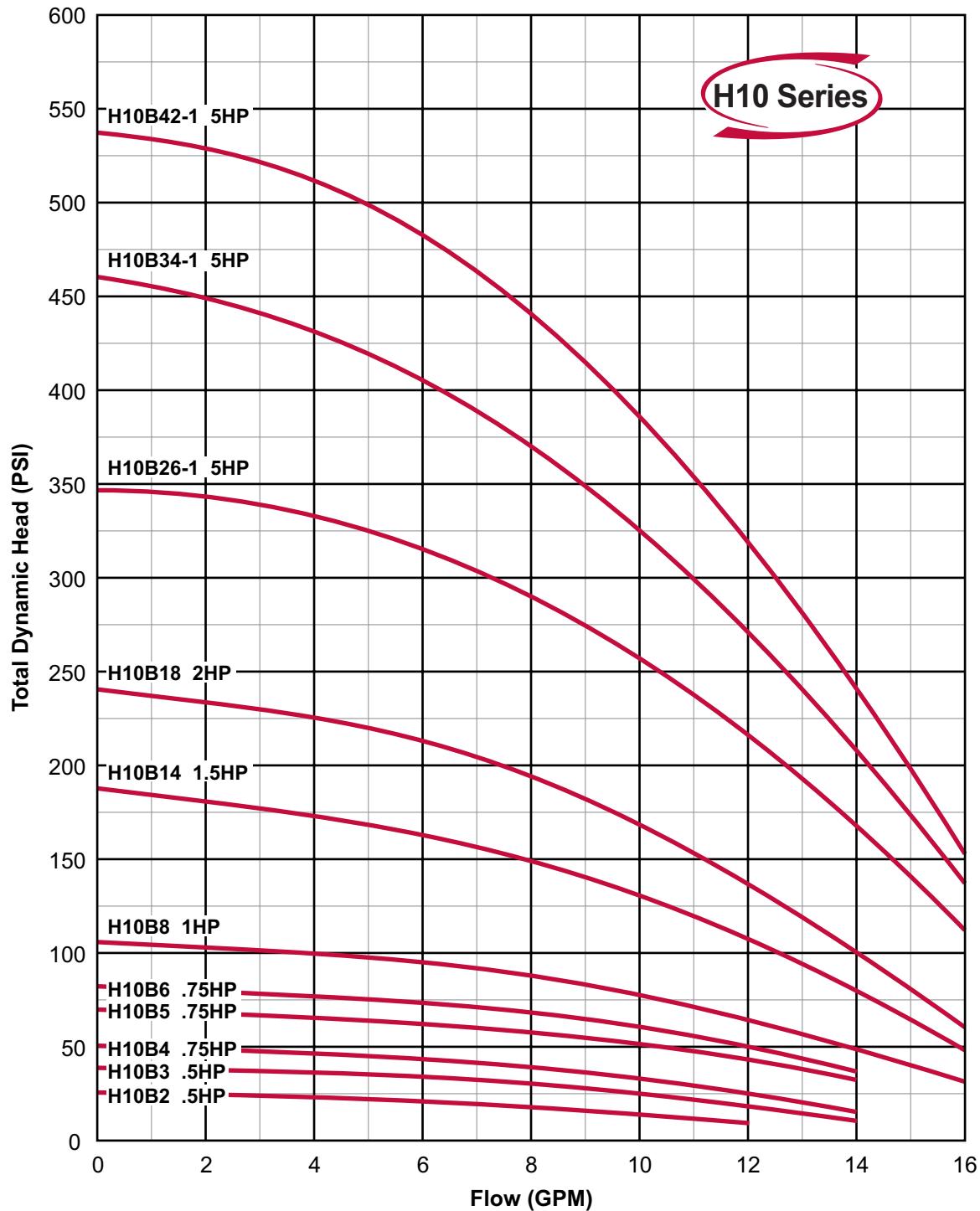
**EZ Series**

## H5 SERIES GROUP CURVES



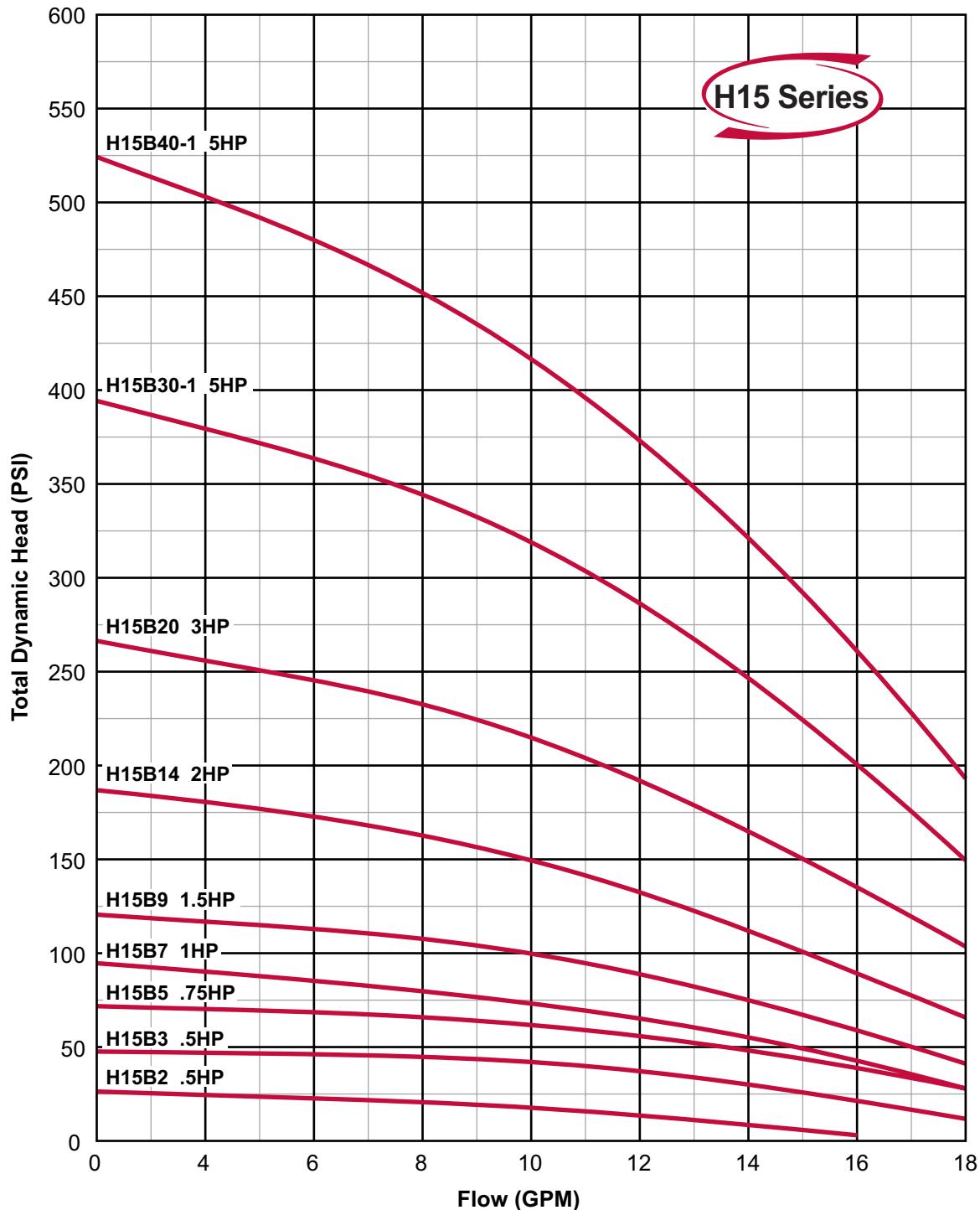
## H10 SERIES GROUP CURVES

**EZ Series**



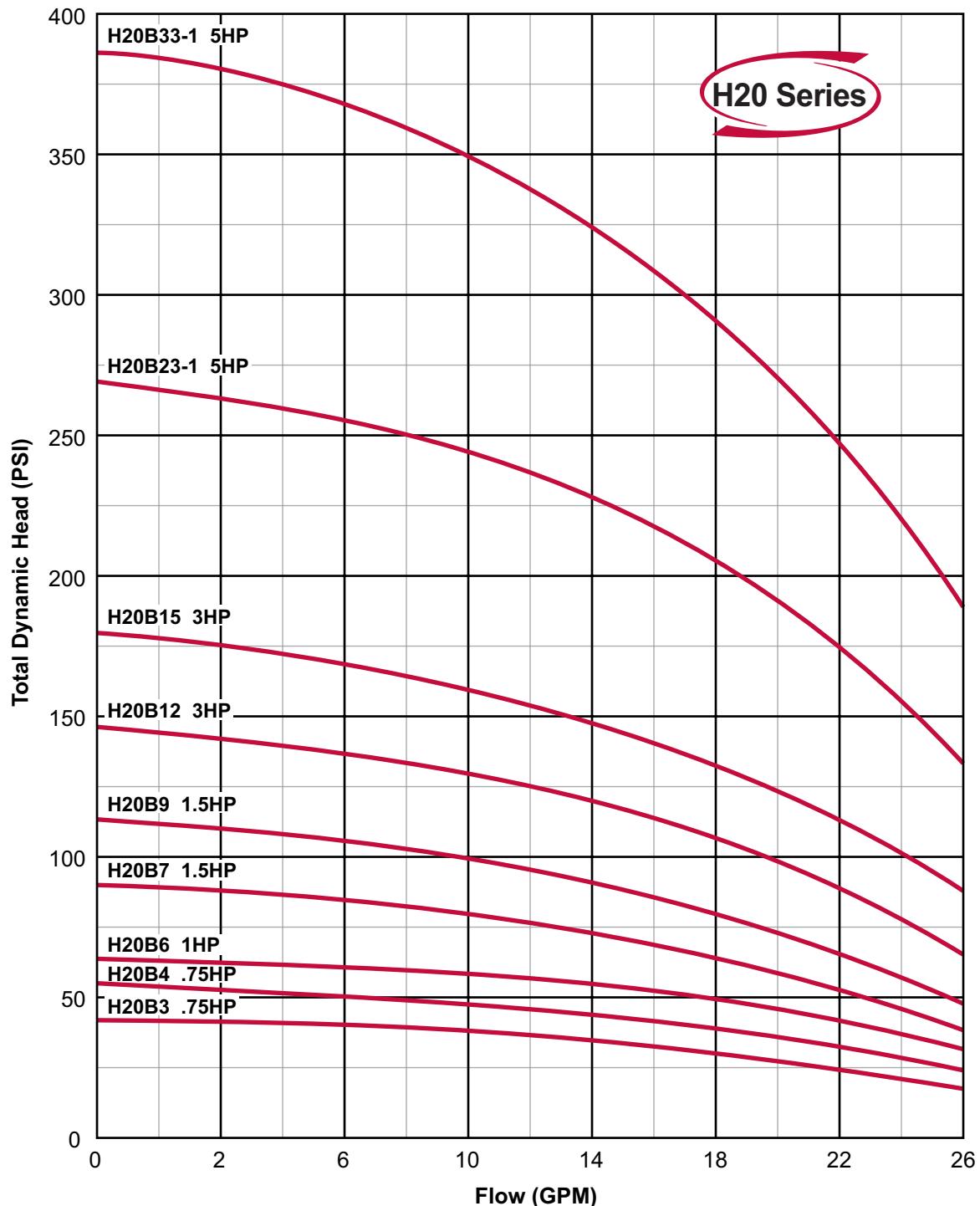
**EZ Series**

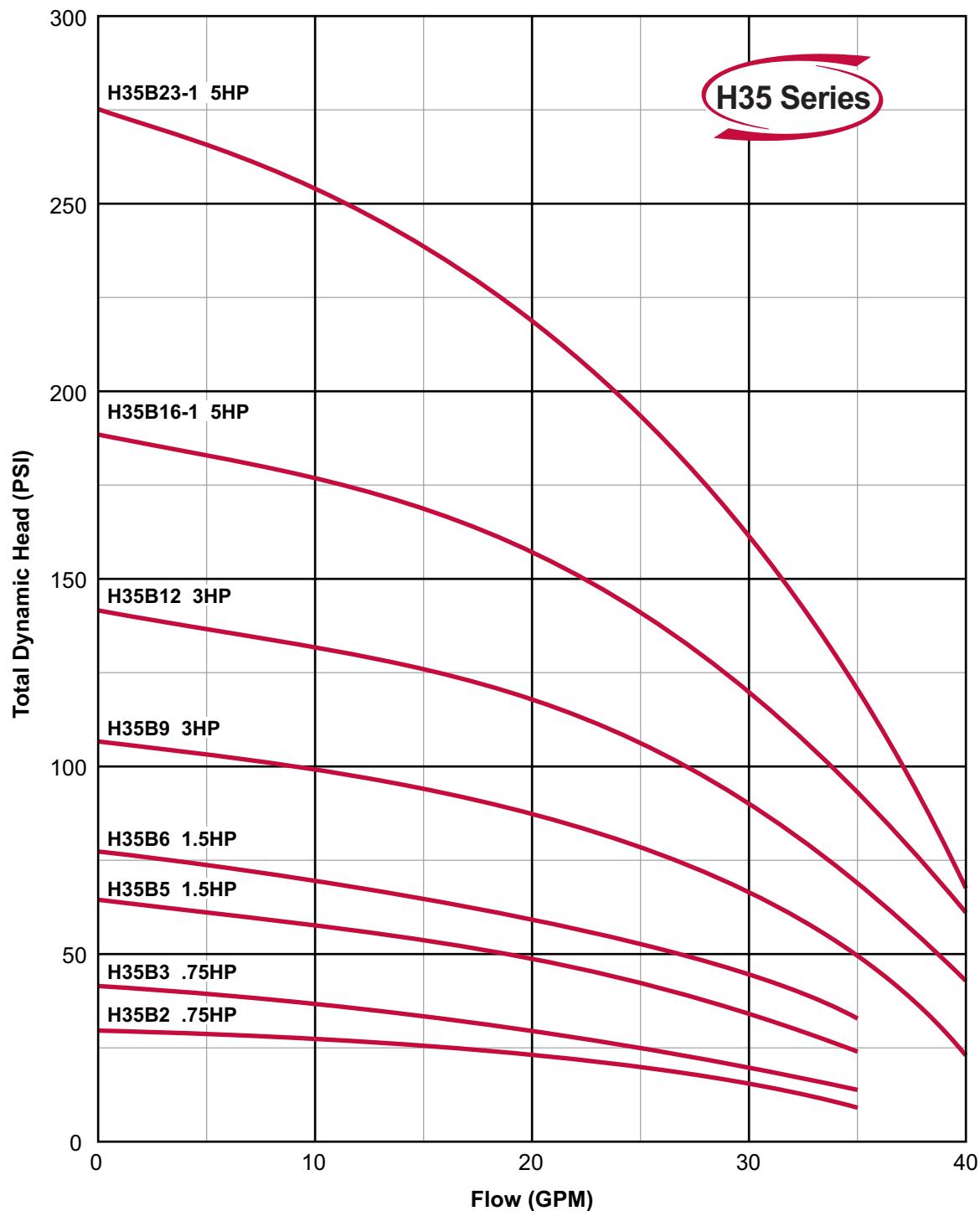
## H15 SERIES GROUP CURVES



## H20 SERIES GROUP CURVES

**EZ** Series

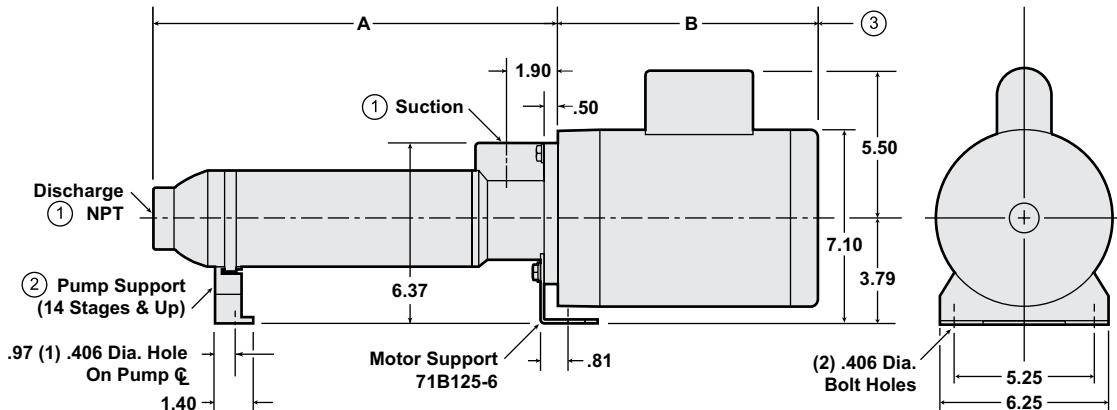


**EZ Series****H35 SERIES GROUP CURVES**

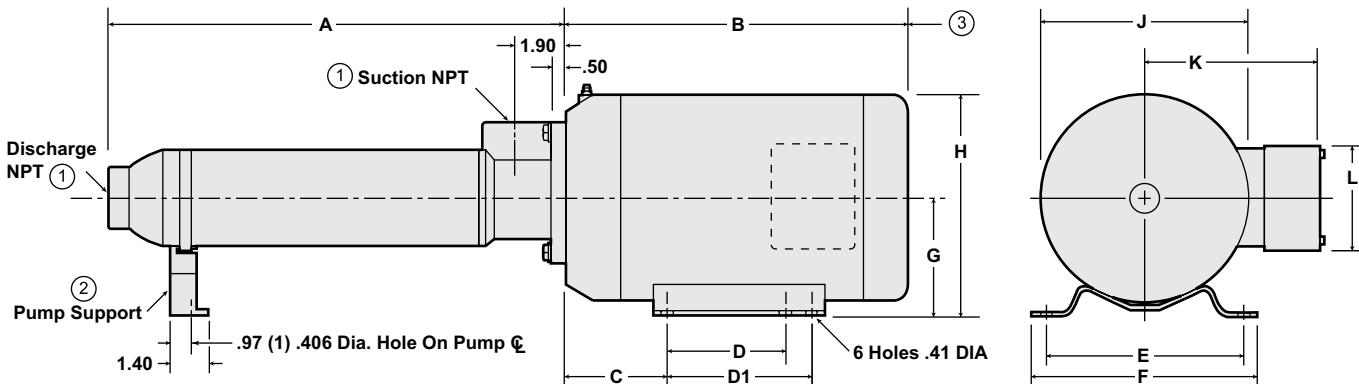
## EZ BOOSTER DIMENSIONS

### Cast Iron and Stainless Steel Booster Pumps

**EZ Series**



**1/3 - 3 HP Models**



**5 HP Models**

1. The inlet and discharge thread size for C.I. and stainless steel models in the 5, 10, 15 GPM pump sizes is 1" NPT; The 20 and 35 GPM pump size is 1 1/2" NPT.
2. Pump models that are 14 stages or more are equipped with a pump support located near the discharge of the pump. For stability, this support should be mounted approximately 4" from the discharge.
3. Allow 8" minimum clearance behind the motor for maintenance.

| Manufacturer | Motor Frame Size | Phase | Enclosure | B     | C    | D / D1      | E    | F    | G    | H    | J    | K    | L     |
|--------------|------------------|-------|-----------|-------|------|-------------|------|------|------|------|------|------|-------|
| Baldor       | 184CYZ           | 3     | TEFC      | 13.80 | 3.88 | 4.50 / 5.50 | 7.50 | 8.63 | 4.50 | 8.44 | 7.88 | 6.75 | 4.00  |
| Baldor       | 184CYZ           | 3     | ODP       | 12.25 | 3.88 | 4.50 / 5.50 | 7.50 | 8.63 | 4.50 | 8.44 | 7.88 | 6.75 | 4.00  |
| Baldor       | 184CYZ           | 1     | TEFC      | 15.30 | 3.88 | 4.50 / 5.50 | 7.50 | 8.63 | 4.50 | 8.44 | 7.88 | 7.88 | 6.25  |
| Baldor       | 184CYZ           | 1     | ODP       | 12.25 | 3.88 | 4.50 / 5.50 | 7.50 | 8.63 | 4.50 | 8.44 | 7.88 | 6.64 | 5.125 |

## EZ Series

## EZ BOOSTER DIMENSIONS

### Cast Iron and Stainless Steel - Dimensions (Inches)

| Cast Iron Model No. | A     | B*    |
|---------------------|-------|-------|
| G5B6                | 11.95 | 10.13 |
| G5B7                | 12.87 | 10.13 |
| G5B8                | 13.79 | 10.13 |
| G5B10               | 15.62 | 10.13 |
| G5B12               | 17.46 | 10.53 |
| G5B17               | 22.96 | 10.53 |
| G5B23               | 29.38 | 11.13 |
| G5B28               | 33.97 | 11.63 |
|                     |       |       |
| G10B4               | 10.24 | 10.13 |
| G10B5               | 11.18 | 10.13 |
| G10B6               | 12.13 | 10.13 |
| G10B8               | 14.03 | 10.53 |
| G10B12              | 17.83 | 10.53 |
| G10B14              | 19.71 | 11.13 |
| G10B15              | 20.66 | 11.13 |
| G10B18              | 24.45 | 11.63 |
| G10B26              | 32.98 | 12.53 |
|                     |       |       |
| G15B5               | 11.50 | 10.13 |
| G15B7               | 13.52 | 10.53 |
| G15B9               | 15.54 | 10.53 |
| G15B14              | 21.60 | 11.63 |
| G15B20              | 27.67 | 12.53 |
|                     |       |       |
| G20B3               | 10.17 | 10.13 |
| G20B4               | 11.42 | 10.13 |
| G20B7               | 15.14 | 10.53 |
| G20B9               | 17.63 | 11.13 |
| G20B12              | 22.59 | 11.63 |
| G20B15              | 26.32 | 12.53 |
| G20B23              | 37.50 | 13.63 |
|                     |       |       |
| G35B2               | 9.27  | 10.13 |
| G35B3               | 10.69 | 10.13 |
| G35B5               | 13.51 | 10.53 |
| G35B6               | 14.93 | 11.13 |
| G35B9               | 19.16 | 11.63 |
| G35B12              | 24.82 | 12.53 |
| G35B16              | 30.47 | 13.63 |

| Cast Iron Model No. | A     | B*    |
|---------------------|-------|-------|
| H5B2                | 8.28  | 10.13 |
| H5B3                | 9.20  | 10.13 |
| H5B4                | 10.12 | 10.13 |
| H5B5                | 11.03 | 10.13 |
| H5B6                | 11.95 | 10.53 |
| H5B7                | 12.87 | 10.53 |
| H5B8                | 13.79 | 10.53 |
| H5B10               | 15.62 | 10.53 |
| H5B12               | 17.46 | 11.13 |
| H5B17               | 22.96 | 11.63 |
| H5B23               | 29.38 | 12.53 |
| H5B28               | 33.97 | 13.63 |
| H5B34-1             | 40.39 | 15.30 |
| H5B41-1             | 46.82 | 15.30 |
|                     |       |       |
| H10B2               | 8.34  | 10.13 |
| H10B3               | 9.29  | 10.13 |
| H10B4               | 10.24 | 10.53 |
| H10B5               | 11.18 | 10.53 |
| H10B6               | 12.13 | 10.53 |
| H10B8               | 14.03 | 11.13 |
| H10B14              | 19.71 | 11.63 |
| H10B18              | 24.45 | 12.53 |
| H10B26-1            | 32.98 | 15.30 |
| H10B34-1            | 41.50 | 15.30 |
| H10B42-1            | 49.08 | 15.30 |

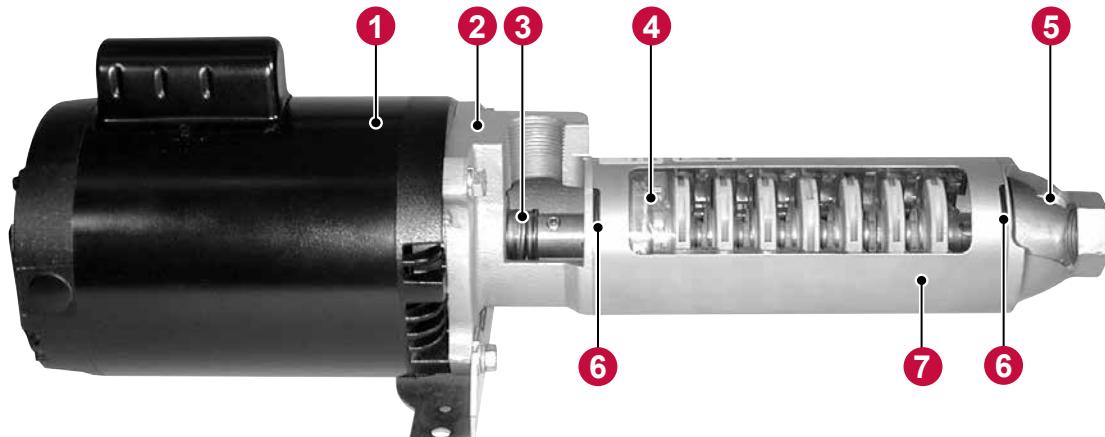
| Cast Iron Model No. | A     | B*    |
|---------------------|-------|-------|
| H15B2               | 8.47  | 10.13 |
| H15B3               | 9.48  | 10.13 |
| H15B5               | 11.50 | 10.53 |
| H15B7               | 13.52 | 11.13 |
| H15B9               | 15.54 | 11.63 |
| H15B14              | 21.60 | 12.53 |
| H15B20              | 27.67 | 13.63 |
| H15B30-1            | 38.78 | 15.30 |
| H15B40-1            | 49.90 | 15.30 |
|                     |       |       |
| H20B3               | 10.17 | 10.53 |
| H20B4               | 11.42 | 10.53 |
| H20B6               | 13.90 | 11.13 |
| H20B7               | 15.14 | 11.63 |
| H20B9               | 17.63 | 11.63 |
| H20B12              | 22.59 | 12.53 |
| H20B15              | 26.32 | 13.63 |
| H20B23-1            | 37.50 | 15.30 |
| H20B33-1            | 51.16 | 15.30 |
|                     |       |       |
| H35B2               | 9.27  | 10.53 |
| H35B3               | 10.69 | 10.53 |
| H35B5               | 13.51 | 11.63 |
| H35B6               | 14.93 | 11.63 |
| H35B9               | 19.16 | 13.63 |
| H35B12              | 24.82 | 13.63 |
| H35B16-1            | 30.47 | 15.30 |
| H35B23-1            | 40.36 | 15.30 |

\*B Dimensions are estimated lengths since we reserve the right to use various brand motors.

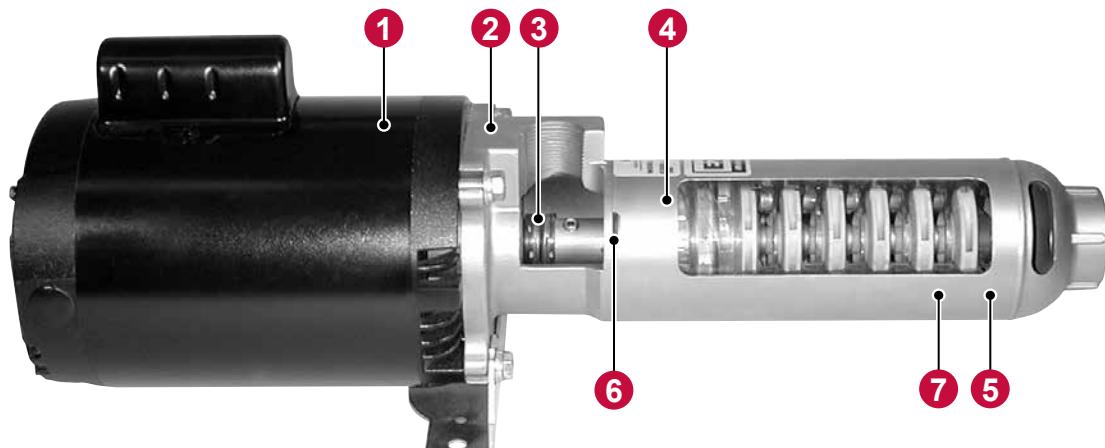
## EZ BOOSTER REPAIR PARTS

### Cast Iron & Stainless Steel Models

**EZ** Series



*Cast Iron*



*Stainless Steel*

Webtrol manufactures many different models of EZ Series Booster Pumps. To be sure you get the right part you need, we ask that you call (314) 631-9200 and let one of our trained customer service representatives assist you.

There are 7 basic components that make up an EZ Series Booster Pump. These seven components are shown above in the display model pumps.

To order parts, note the **model number** and the **date code** of the EZ Booster pump that needs a repair part.

|                       |             |
|-----------------------|-------------|
| ① Motor               | ⑤ Discharge |
| ② Inlet/Motor Bracket | ⑥ O-Rings   |
| ③ Mechanical Seal     | ⑦ Housing   |
| ④ Rotating Assembly   |             |



*There when you need us most*

## NOTES

## NV SERIES VERTICAL BOOSTER PUMPS

### 304/316 Stainless Steel Booster Pumps



Space saving NV Series pumps provide you with reliable solutions for a variety of industrial, commercial, and agricultural applications.

The quality and performance you expect, along with industry best lead times and personalized service, only from Webtrol!

#### Features and Benefits

- In-line, space saving design, with suction and discharge on the same plane
- Maintenance-free cartridge type mechanical seals
- All wetted parts constructed of 304 or 316 stainless steel
- Drop-in replacement for existing installations
- Standard TEFC motor enclosure
- Meets NSF/ANSI 61 and 372 standards



#### Performance

HP Range: .5 - 60 HP, 60Hz.

Capacities to 600 GPM

Pressures to 380 PSI

Temperatures to 248 °F



#### Typical Services

- Water Supply
- Reverse Osmosis
- Water Boosting
- Washing Systems
- Jockey Pump
- Water Treatment
- Filtration
- Plants
- Boiler Feed
- Hot & Cold Water
- Circulation
- Irrigation
- Sprinkler Systems
- Heat Exchangers



## BOOSTER PUMPS

### Construction & Design Features

| Series | Stages  | Max. Working Pressure | Stages      | Max. Inlet Pressure |
|--------|---------|-----------------------|-------------|---------------------|
| NV6    | 2 - 27  | 362                   | 2 - 26      | 150                 |
|        |         | 362                   | 27          | 220                 |
| NV12   | 2 - 25  | 362                   | 2 - 15      | 150                 |
|        |         |                       | 17 - 25     | 220                 |
| NV25   | 2 - 24  | 362                   | 2 - 9       | 150                 |
|        |         |                       | 10 - 24     | 220                 |
| NV45   | 1 - 10  | 232                   | 1 - 5       | 118                 |
|        | 12 - 17 | 362                   | 6 - 18      | 150                 |
| NV65   | 1 - 8   | 232                   | 1 - 2       | 118                 |
|        | 9 - 12  | 362                   | 3 - 12      | 150                 |
| NV85   | 1 - 7   | 232                   | 1           | 118                 |
|        | 8 - 10  | 362                   | 2 - 10      | 150                 |
| NV120  | 1 - 5   | 232                   | 1 - 2       | 59                  |
|        | 6 - 10  | 465                   | 3 - 6       | 150                 |
|        |         |                       | 7 - 10      | 220                 |
| NV180  | 1 - 4   | 232                   | 1           | 59                  |
|        | 5 - 7   | 465                   | 2 - 3       | 150                 |
|        |         |                       | 4 - 7       | 220                 |
| NV280  | 1 - 3   | 232                   | (1 - 1)     | 59                  |
|        | 4 - 5   | 465                   | 1 - (2 - 1) | 150                 |
|        |         |                       | 2 - 5       | 220                 |
| NV400  | 1 - 3   | 232                   | 1 - (2 - 2) | 150                 |
|        | 4       | 465                   | (2 - 1) - 4 | 220                 |

MODEL NO.: NV25B9FE3T

Series/Nominal Rated Flow (GPM)

Construction  
B = 304SS S = 316SS

Number of Stages

Connection  
F = Flanged V = Victaulic

Elastomeric  
E = EPDM V = Viton

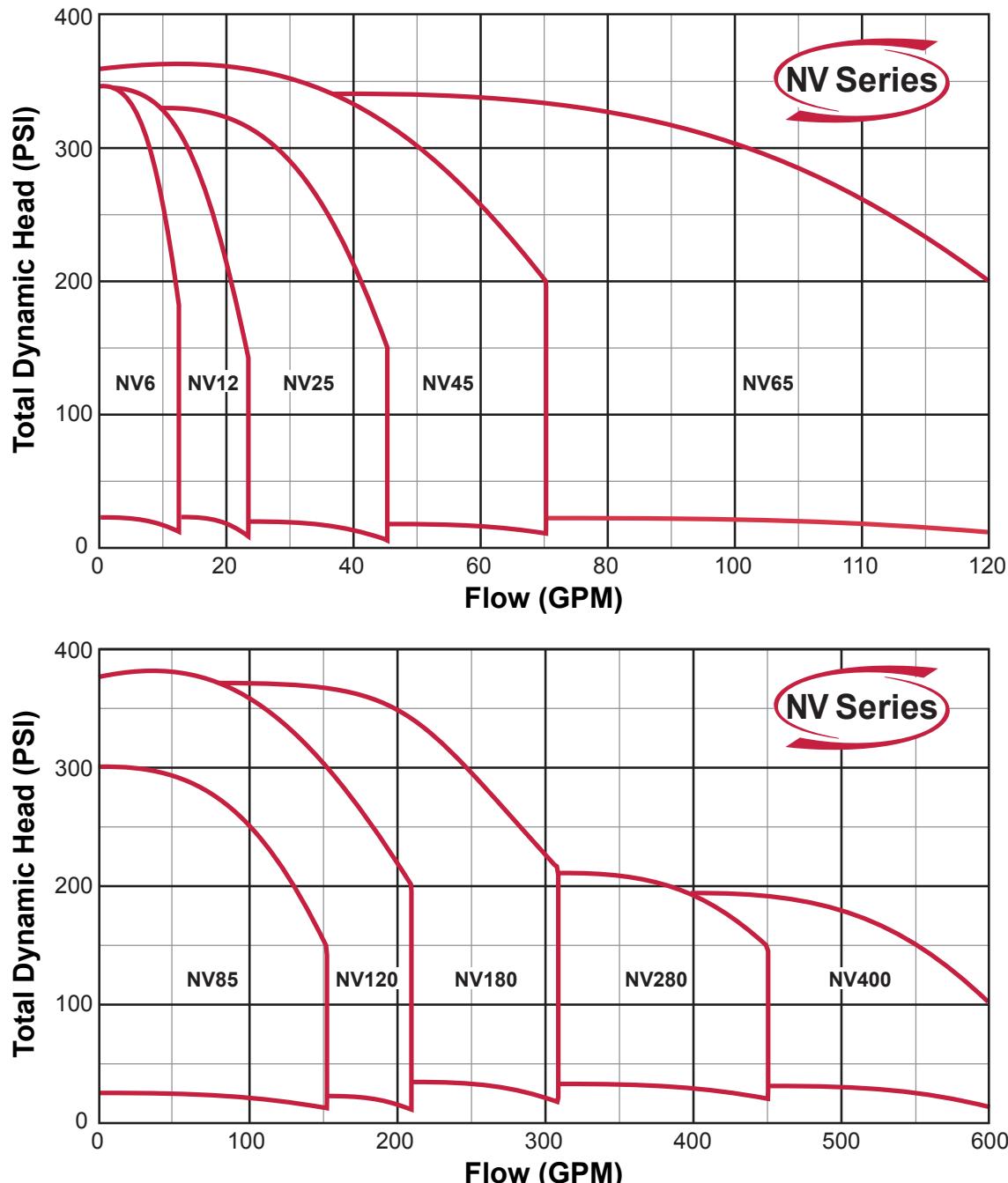
Phase / Hz (PH)  
1 = 1PH / 60Hz 3 = 3PH / 60Hz

Motor Enclosure  
D = ODP T = TEFC



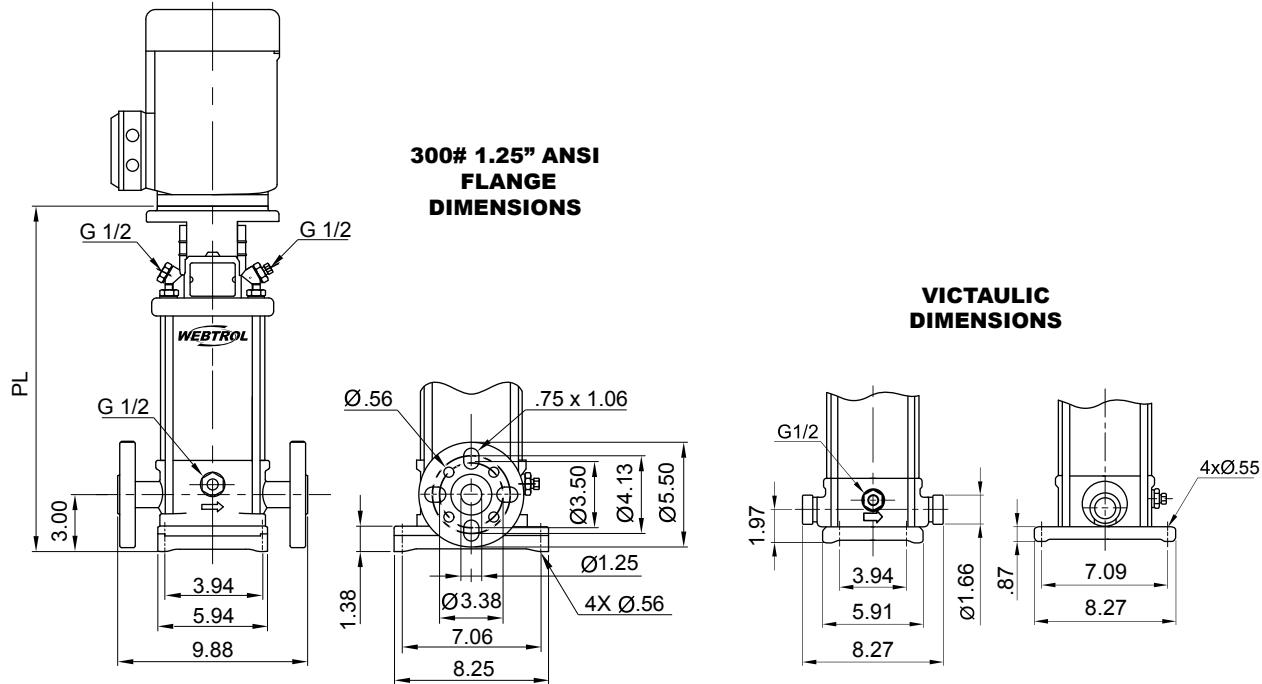
| Component     | 304 SS Models                        |                          | 316 SS Models   |                          |
|---------------|--------------------------------------|--------------------------|-----------------|--------------------------|
|               | NV6B thru NV85B                      | NV120B thru NV400B       | NV6S thru NV85S | NV120S thru NV400S       |
| Motor Bracket | Cast Iron                            | Cast Iron                | Cast Iron       | Cast Iron                |
| Pump Head     | 304 SS                               | 304 SS                   | 316 SS          | 316 SS                   |
| Impeller      | 304 SS                               | 304 SS                   | 316 SS          | 316 SS                   |
| Diffuser      | 304 SS                               | 304 SS                   | 316 SS          | 316 SS                   |
| Neck Ring     | Teflon                               | Carbon Reinforced Teflon | Teflon          | Carbon Reinforced Teflon |
| Shaft         | 431 SS                               | 431 SS                   | 316 SS          | 316 SS                   |
| Casing        | 304 SS                               | 304 SS                   | 316 SS          | 316 SS                   |
| O-Ring        | EPDM                                 | EPDM                     | EPDM            | EPDM                     |
| Pump Base     | 304 SS                               | 304 SS                   | 316 SS          | 316 SS                   |
| Base Plate    | Cast Iron                            | Cast Iron                | Cast Iron       | Cast Iron                |
| Mech Seal     | Silicon Carbide/Silicon Carbide/EPDM |                          |                 |                          |

## SERIES FAMILY CURVES



Note:

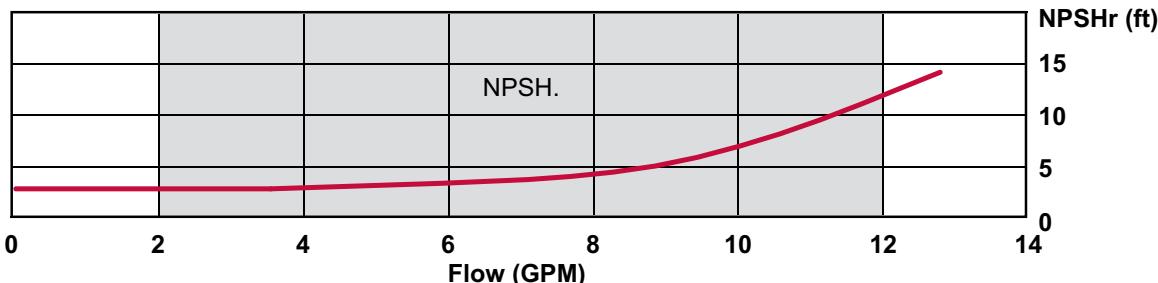
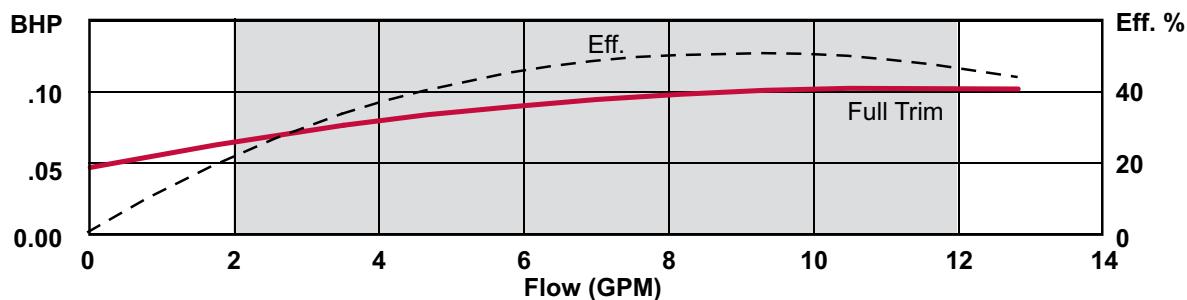
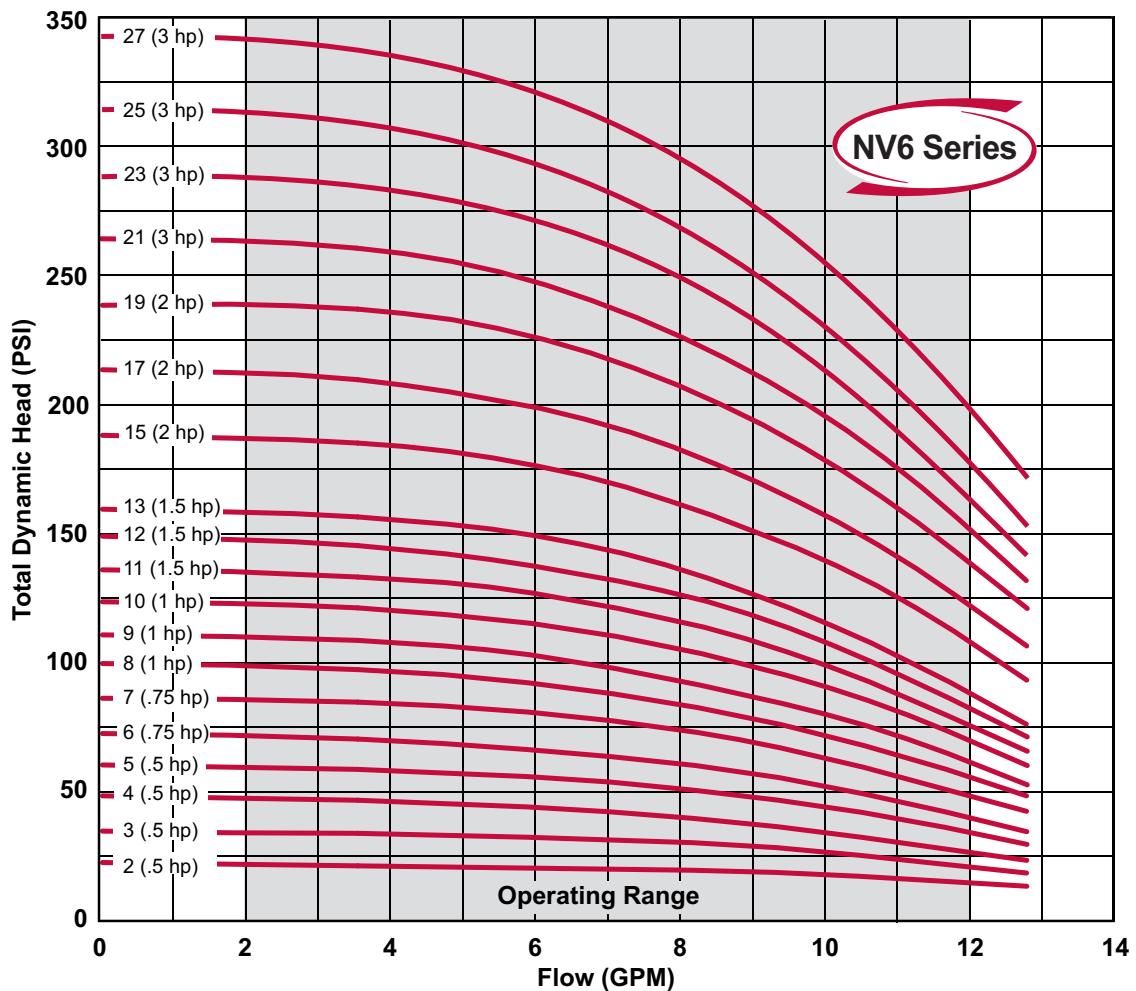
NV Series curves in this catalog are based on 60 Hz 3450 rpm motors. 50 Hz 2875 rpm curves are available. These curves are for general guidance only, individual pump curves are available upon request. A certified curve may be requested for an additional cost. Webtrol will build pumps to fit your specific needs, contact factory for pricing.

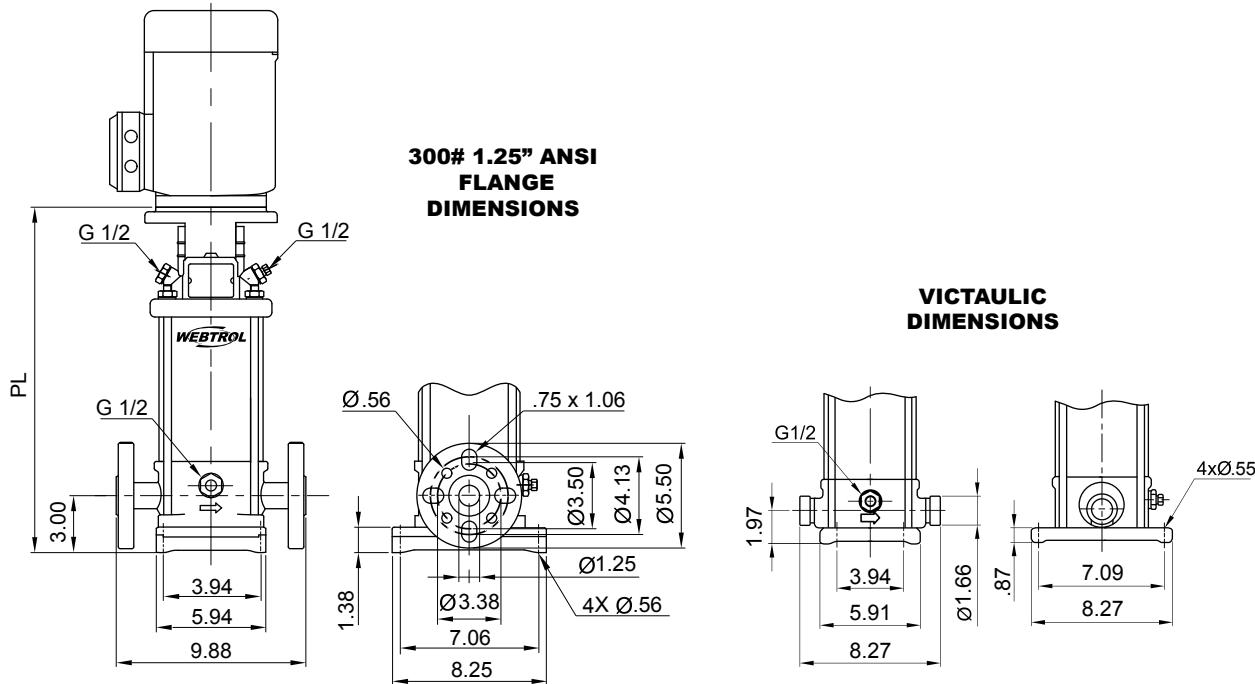
**N Series**
**NV6 PUMP DIMENSIONS**


**NOTES:** All dimensions are in inches unless otherwise noted. Please contact factory for specific motor manufacturer dimensions

| Model  | HP  | Motor Frame | Pump Length (PL) - in. Flange | Pump Length (PL) - in. Victaulic | Pump End Weight - lbs. Flange | Pump End Weight - lbs. Victaulic |
|--------|-----|-------------|-------------------------------|----------------------------------|-------------------------------|----------------------------------|
| NV6B2  | .5  | 56C         | 12.05                         | 11.06                            | 33                            | 31                               |
| NV6B3  | .5  | 56C         | 12.05                         | 11.06                            | 34                            | 32                               |
| NV6B4  | .5  | 56C         | 12.76                         | 11.77                            | 34                            | 32                               |
| NV6B5  | .5  | 56C         | 13.46                         | 12.48                            | 35                            | 33                               |
| NV6B6  | .75 | 56C         | 14.17                         | 13.19                            | 36                            | 34                               |
| NV6B7  | .75 | 56C         | 14.84                         | 13.86                            | 37                            | 35                               |
| NV6B8  | 1   | 56C         | 15.55                         | 14.57                            | 37                            | 35                               |
| NV6B9  | 1   | 56C         | 16.26                         | 15.28                            | 38                            | 36                               |
| NV6B10 | 1   | 56C         | 16.97                         | 15.98                            | 39                            | 37                               |
| NV6B11 | 1.5 | 56C         | 17.68                         | 16.69                            | 40                            | 38                               |
| NV6B12 | 1.5 | 56C         | 18.39                         | 17.40                            | 41                            | 39                               |
| NV6B13 | 1.5 | 56C         | 19.09                         | 18.11                            | 42                            | 39                               |
| NV6B15 | 2   | 56C         | 20.55                         | 19.57                            | 44                            | 42                               |
| NV6B17 | 2   | 56C         | 21.97                         | 20.98                            | 45                            | 43                               |
| NV6B19 | 2   | 56C         | 23.39                         | 23.33                            | 52                            | 50                               |
| NV6B21 | 3   | 182TC       | 25.73                         | 24.74                            | 54                            | 52                               |
| NV6B23 | 3   | 182TC       | 27.15                         | 26.16                            | 55                            | 53                               |
| NV6B25 | 3   | 182TC       | 28.56                         | 27.58                            | 57                            | 55                               |
| NV6B27 | 3   | 182TC       | 29.98                         | 29.00                            | 58                            | 56                               |

## NV6 SERIES GROUP CURVES

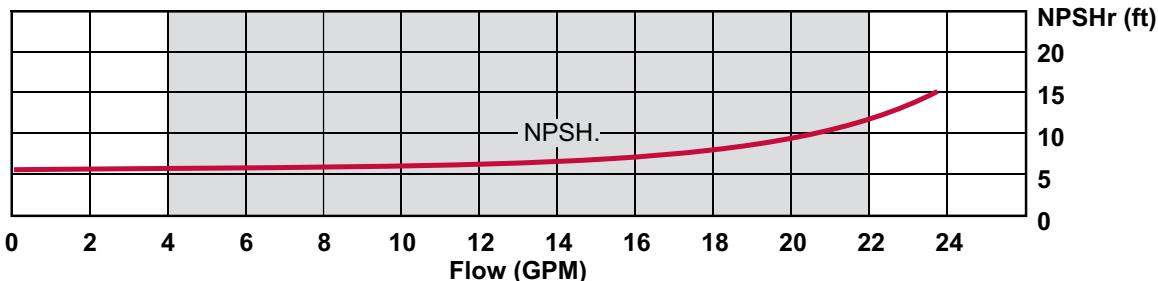
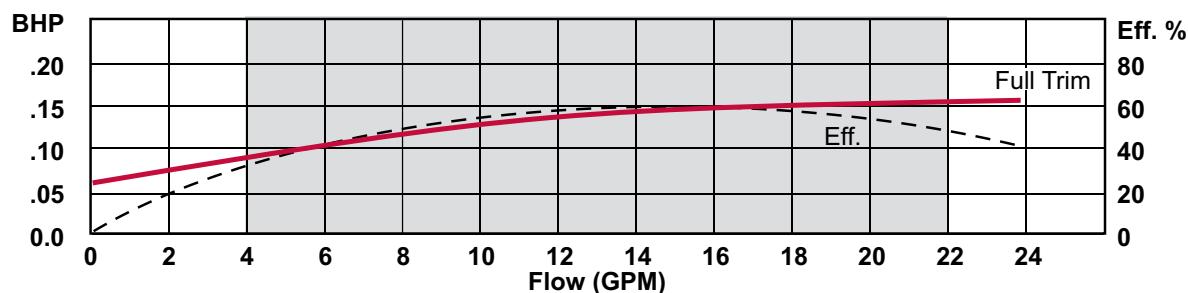
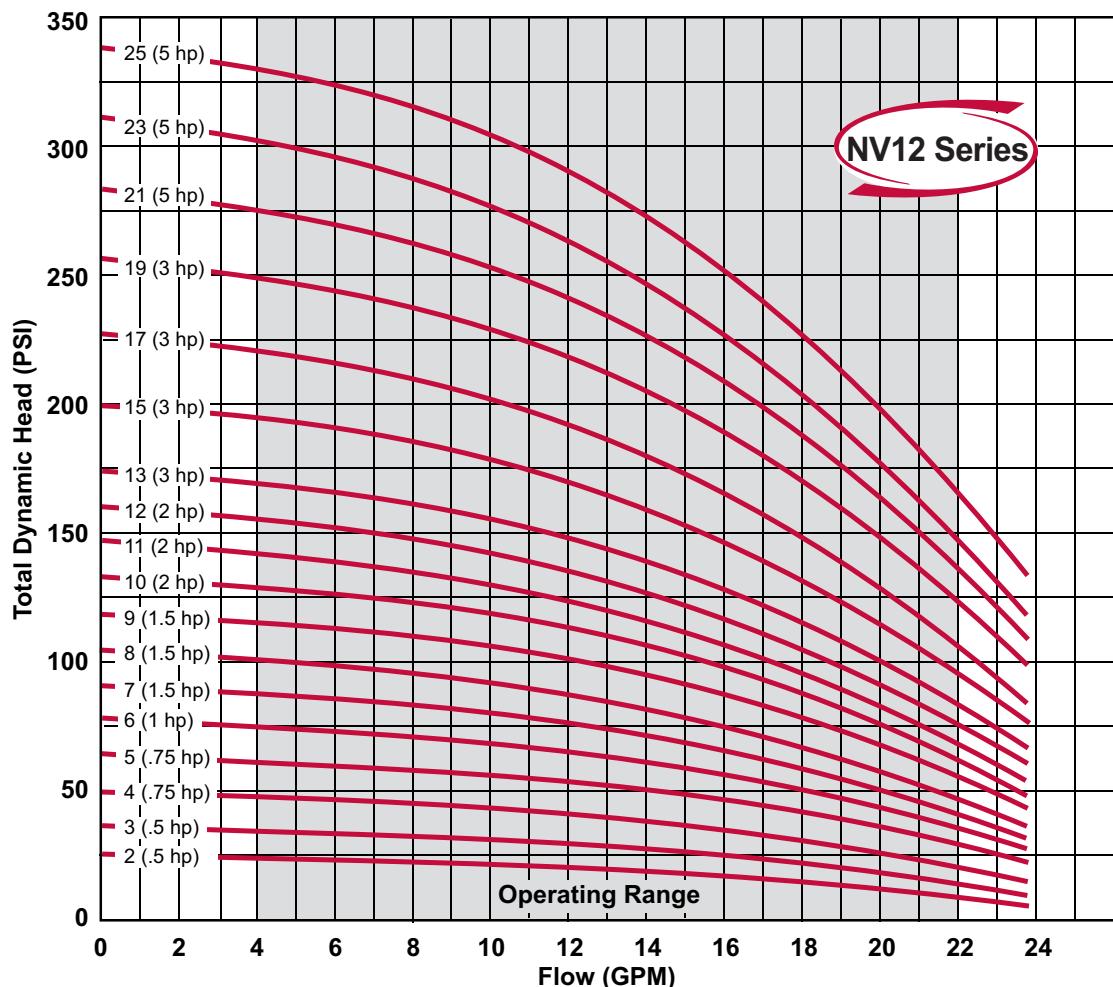


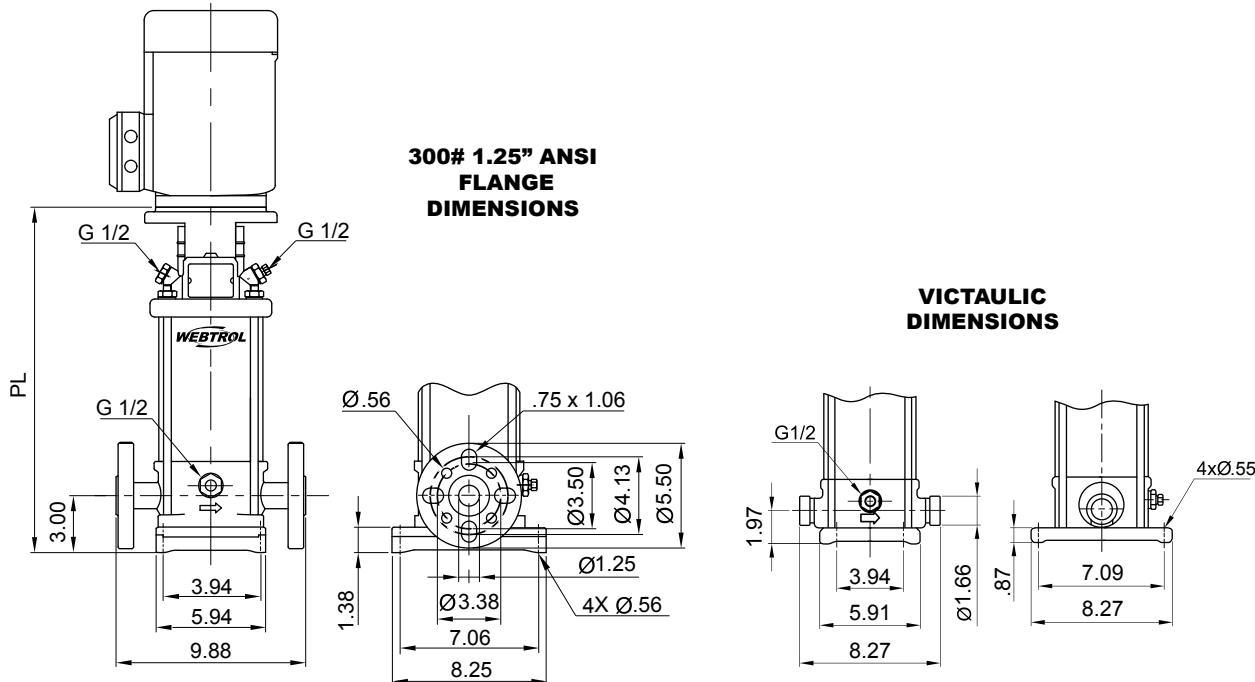
**N Series**
**NV12 PUMP DIMENSIONS**


**NOTES:** All dimensions are in inches unless otherwise noted. Please contact factory for specific motor manufacturer dimensions.

| Model   | HP  | Motor Frame | Pump Length (PL) - in. Flange | Pump Length (PL) - in. Victaulic | Pump End Weight - lbs. Flange | Pump End Weight - lbs. Victaulic |
|---------|-----|-------------|-------------------------------|----------------------------------|-------------------------------|----------------------------------|
| NV12B2  | .5  | 56C         | 12.05                         | 11.06                            | 33                            | 31                               |
| NV12B3  | .5  | 56C         | 12.05                         | 11.06                            | 34                            | 32                               |
| NV12B4  | .75 | 56C         | 12.76                         | 11.77                            | 34                            | 32                               |
| NV12B5  | .75 | 56C         | 13.43                         | 12.44                            | 35                            | 33                               |
| NV12B6  | 1   | 56C         | 14.13                         | 13.15                            | 36                            | 34                               |
| NV12B7  | 1.5 | 56C         | 14.84                         | 13.86                            | 37                            | 35                               |
| NV12B8  | 1.5 | 56C         | 15.55                         | 14.57                            | 37                            | 35                               |
| NV12B9  | 1.5 | 56C         | 16.30                         | 15.31                            | 38                            | 36                               |
| NV12B10 | 2   | 56C         | 17.01                         | 16.02                            | 40                            | 38                               |
| NV12B11 | 2   | 56C         | 17.72                         | 16.73                            | 41                            | 39                               |
| NV12B12 | 2   | 56C         | 18.43                         | 17.44                            | 42                            | 39                               |
| NV12B13 | 3   | 182TC       | 20.06                         | 19.07                            | 47                            | 45                               |
| NV12B15 | 3   | 182TC       | 21.48                         | 20.49                            | 49                            | 47                               |
| NV12B17 | 3   | 182TC       | 22.89                         | 21.91                            | 51                            | 49                               |
| NV12B19 | 3   | 182TC       | 24.50                         | 23.33                            | 52                            | 50                               |
| NV12B21 | 5   | 182TC       | 25.73                         | 24.74                            | 54                            | 52                               |
| NV12B23 | 5   | 182TC       | 27.15                         | 26.16                            | 55                            | 53                               |
| NV12B25 | 5   | 182TC       | 28.56                         | 27.58                            | 57                            | 55                               |

## NV12 SERIES GROUP CURVES

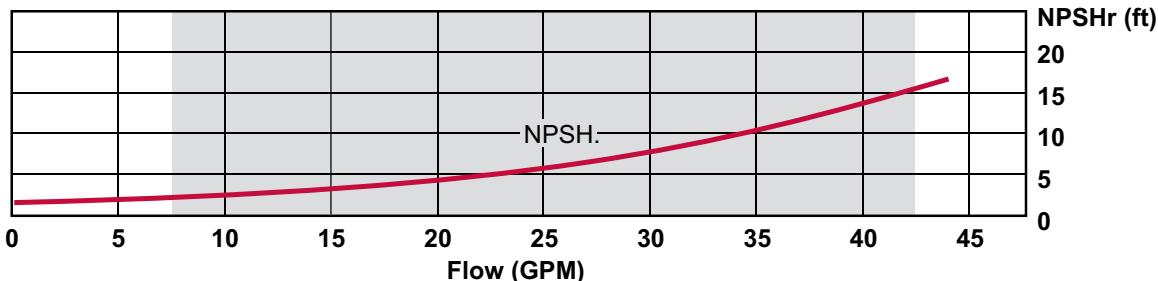
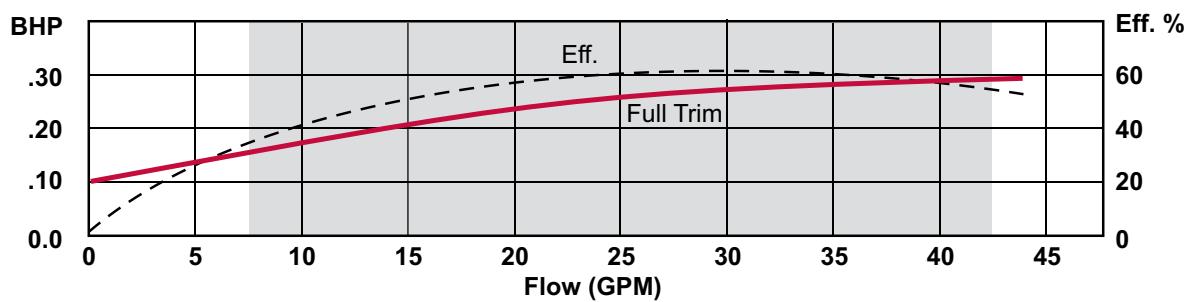
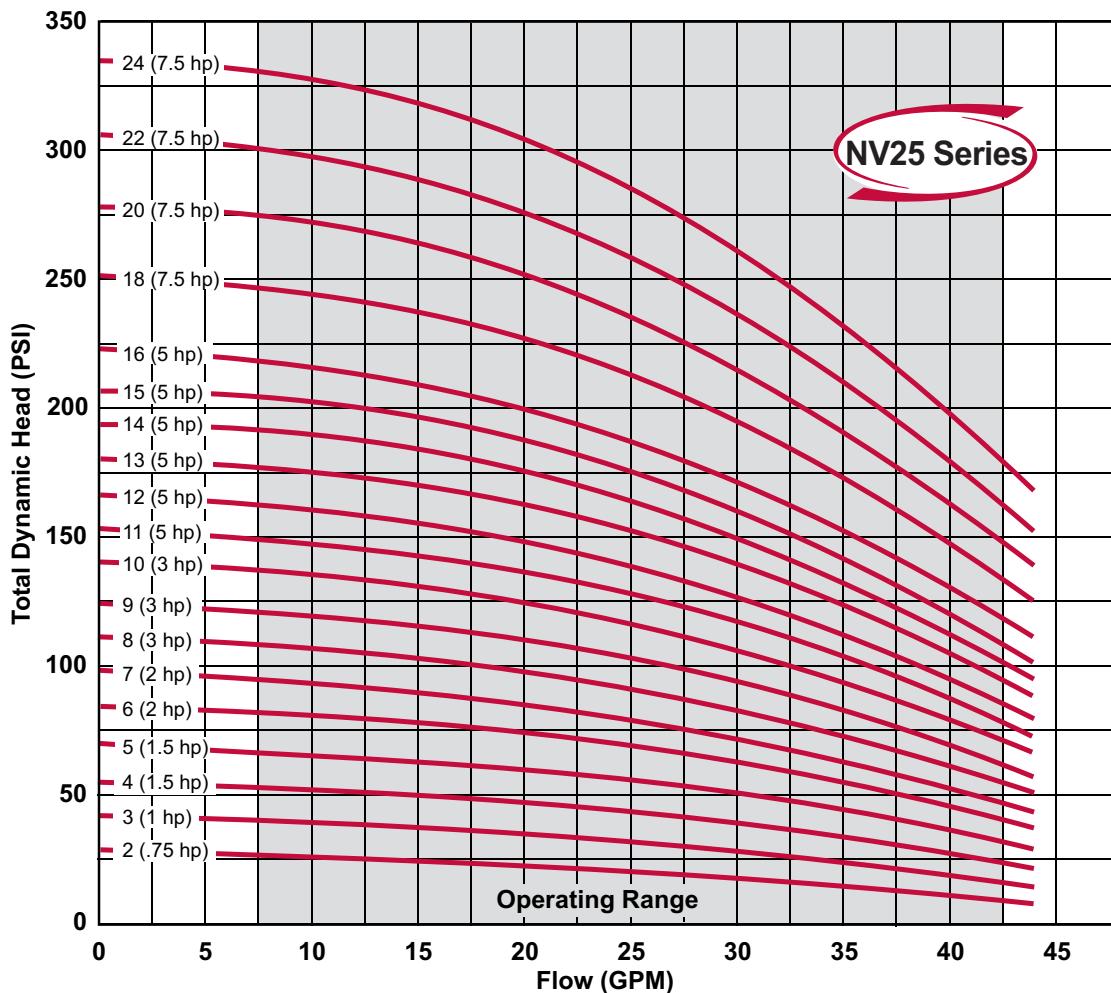


**N Series**
**NV25 PUMP DIMENSIONS**


**NOTES:** All dimensions are in inches unless otherwise noted. Please contact factory for specific motor manufacturer dimensions

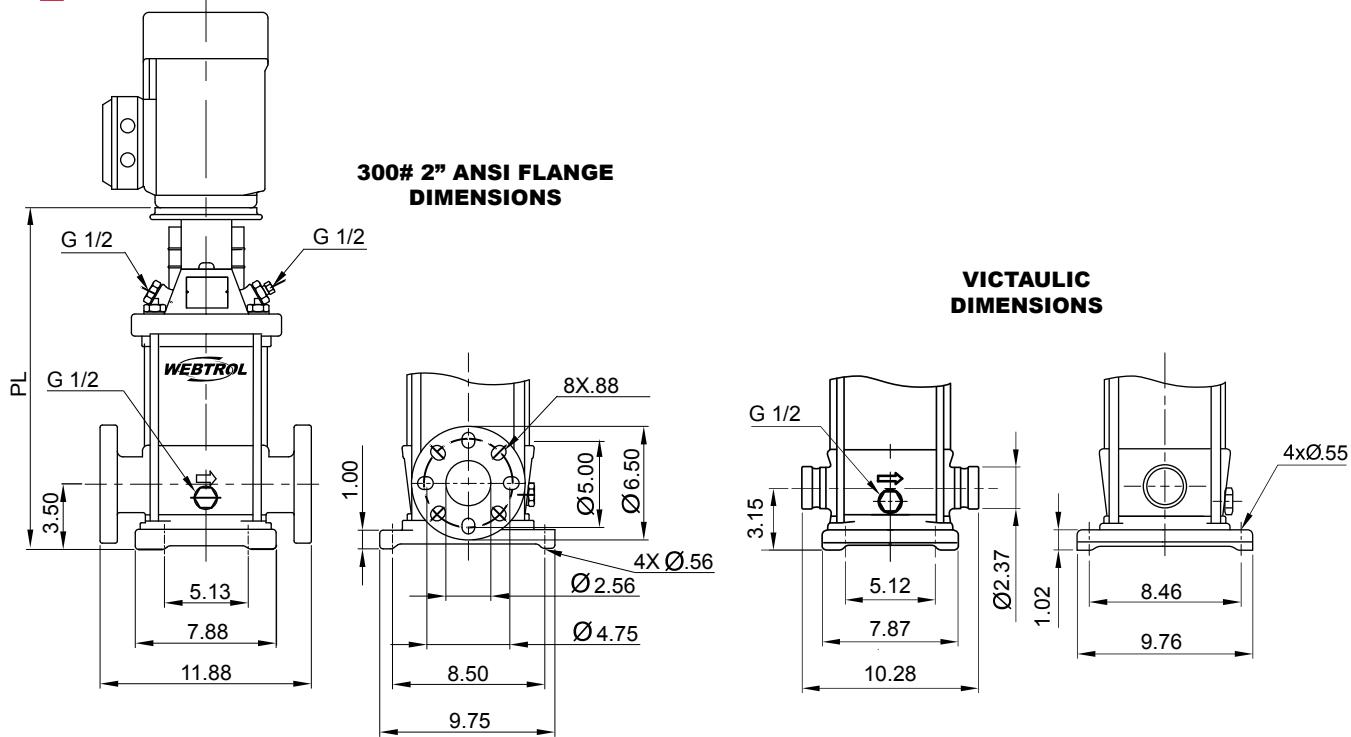
| Model   | HP  | Motor Frame | Pump Length (PL) - in. Flange | Pump Length (PL) - in. Victaulic | Pump End Weight - lbs. Flange | Pump End Weight - lbs. Victaulic |
|---------|-----|-------------|-------------------------------|----------------------------------|-------------------------------|----------------------------------|
| NV25B2  | .75 | 56C         | 11.93                         | 11.06                            | 33                            | 31                               |
| NV25B3  | 1   | 56C         | 13.10                         | 12.09                            | 35                            | 33                               |
| NV25B4  | 1.5 | 56C         | 14.06                         | 13.15                            | 36                            | 34                               |
| NV25B5  | 1.5 | 56C         | 15.12                         | 14.25                            | 38                            | 36                               |
| NV25B6  | 2   | 56C         | 16.28                         | 15.31                            | 39                            | 37                               |
| NV25B7  | 2   | 56C         | 17.40                         | 17.30                            | 45                            | 43                               |
| NV25B8  | 3   | 182TC       | 19.35                         | 18.37                            | 46                            | 44                               |
| NV25B9  | 3   | 182TC       | 20.31                         | 19.43                            | 47                            | 45                               |
| NV25B10 | 3   | 182TC       | 21.44                         | 20.50                            | 49                            | 46                               |
| NV25B11 | 5   | 182TC       | 22.50                         | 21.56                            | 50                            | 48                               |
| NV25B12 | 5   | 182TC       | 23.56                         | 22.62                            | 51                            | 49                               |
| NV25B13 | 5   | 182TC       | 24.63                         | 23.68                            | 52                            | 50                               |
| NV25B14 | 5   | 182TC       | 25.69                         | 24.74                            | 53                            | 51                               |
| NV25B15 | 5   | 182TC       | 26.75                         | 25.81                            | 54                            | 52                               |
| NV25B16 | 5   | 182TC       | 27.82                         | 26.88                            | 56                            | 53                               |
| NV25B18 | 7.5 | 213TC       | 30.57                         | 29.59                            | 63                            | 61                               |
| NV25B20 | 7.5 | 213TC       | 32.70                         | 31.71                            | 66                            | 64                               |
| NV25B22 | 7.5 | 213TC       | 34.72                         | 33.84                            | 68                            | 66                               |
| NV25B24 | 7.5 | 213TC       | 36.85                         | 35.96                            | 70                            | 68                               |

## NV25 SERIES GROUP CURVES



## N Series

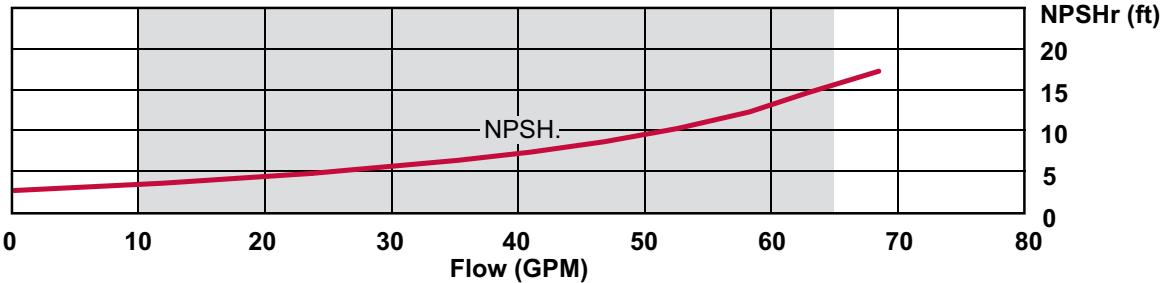
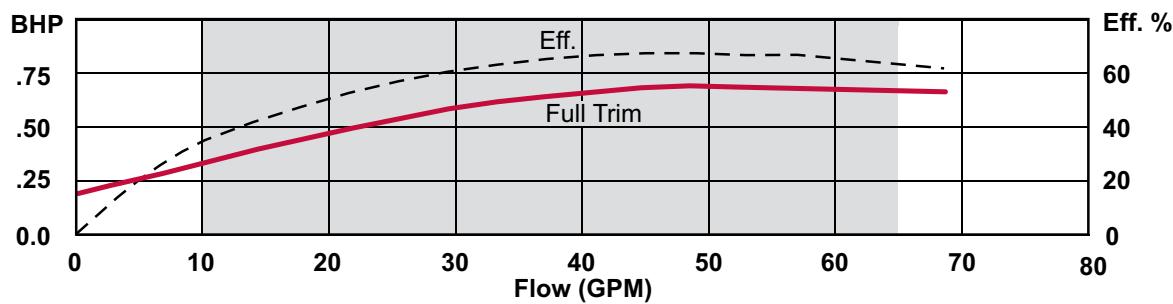
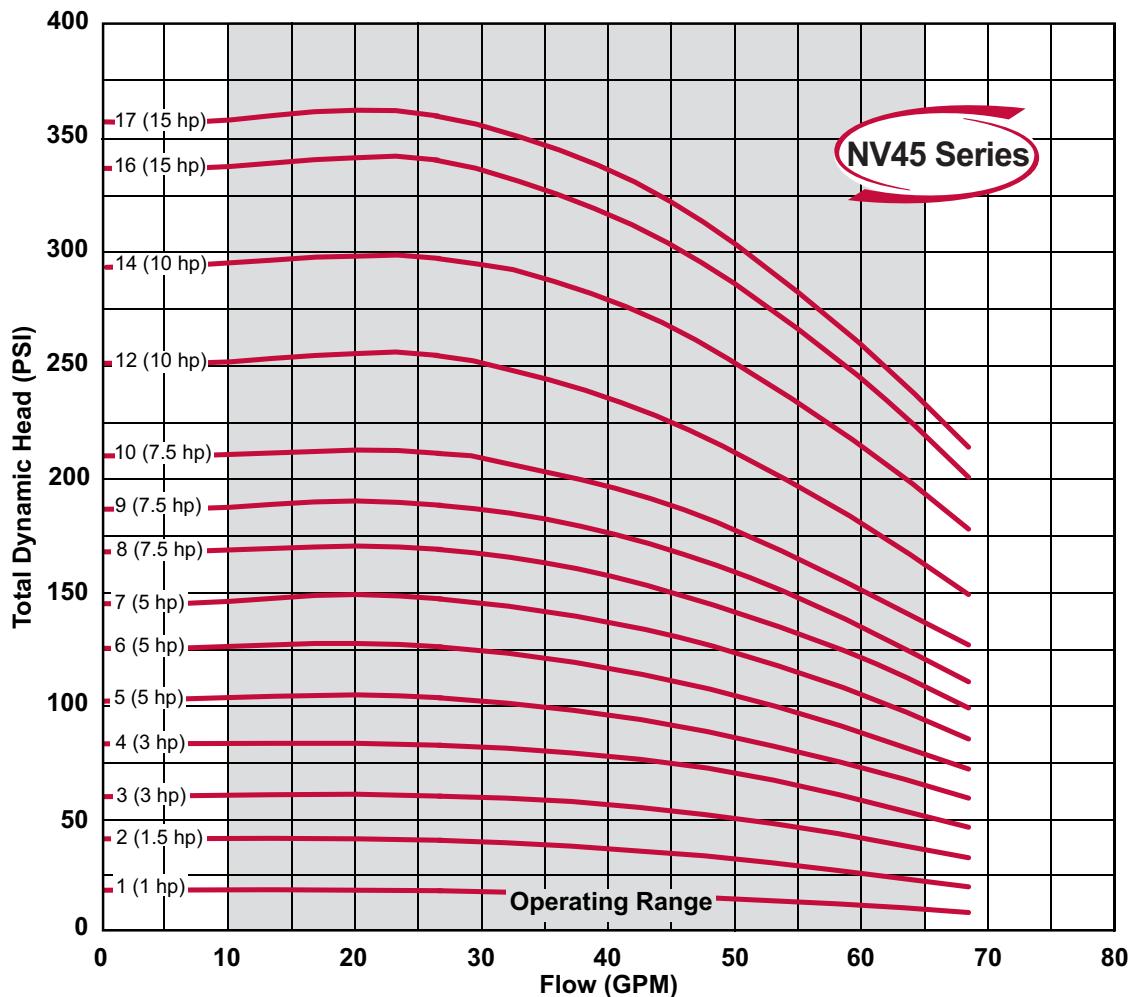
## NV45 PUMP DIMENSIONS



**NOTES:** All dimensions are in inches unless otherwise noted. Please contact factory for specific motor manufacturer dimensions.

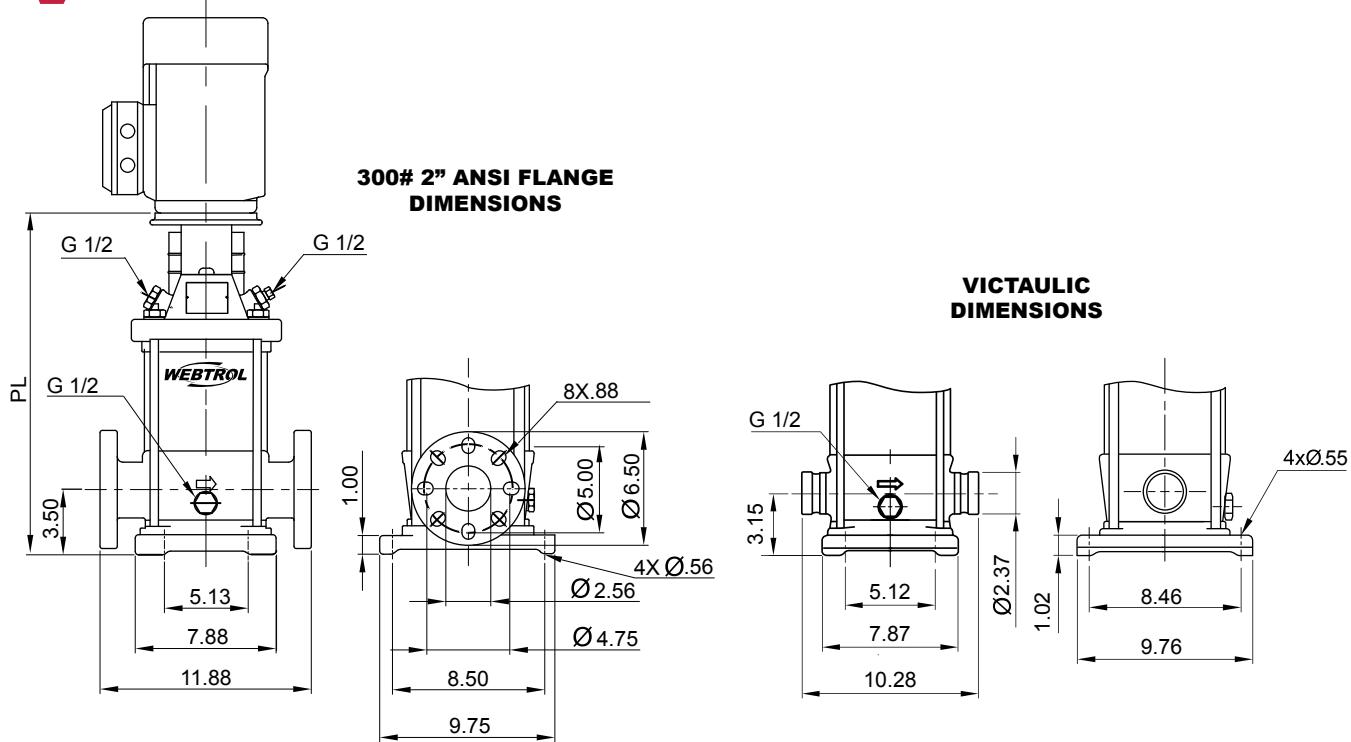
| Model   | HP  | Motor Frame | Pump Length (PL) - in. Flange | Pump Length (PL) - in. Victaulic | Pump End Weight - lbs. Flange | Pump End Weight - lbs. Victaulic |
|---------|-----|-------------|-------------------------------|----------------------------------|-------------------------------|----------------------------------|
| NV45B1  | 1   | 56C         | 14.96                         | 14.53                            | 60                            | 58                               |
| NV45B2  | 1.5 | 56C         | 14.96                         | 14.53                            | 60                            | 59                               |
| NV45B3  | 3   | 182TC       | 17.15                         | 16.71                            | 84                            | 83                               |
| NV45B4  | 3   | 182TC       | 18.35                         | 17.91                            | 87                            | 85                               |
| NV45B5  | 5   | 182TC       | 19.53                         | 19.09                            | 89                            | 87                               |
| NV45B6  | 5   | 182TC       | 20.71                         | 20.28                            | 91                            | 89                               |
| NV45B7  | 5   | 182TC       | 21.25                         | 22.00                            | 97                            | 96                               |
| NV45B8  | 7.5 | 213TC       | 23.62                         | 23.19                            | 99                            | 98                               |
| NV45B9  | 7.5 | 213TC       | 24.80                         | 24.37                            | 101                           | 100                              |
| NV45B10 | 7.5 | 213TC       | 25.98                         | 25.55                            | 104                           | 102                              |
| NV45B12 | 10  | 213TC       | 28.34                         | 27.91                            | 108                           | 107                              |
| NV45B14 | 10  | 213TC       | 30.01                         | 32.90                            | 126                           | 125                              |
| NV45B16 | 15  | 254TC       | 35.69                         | 35.26                            | 130                           | 129                              |
| NV45B17 | 15  | 254TC       | 36.89                         | 37.62                            | 133                           | 132                              |

## NV45 SERIES GROUP CURVES



**N** Series

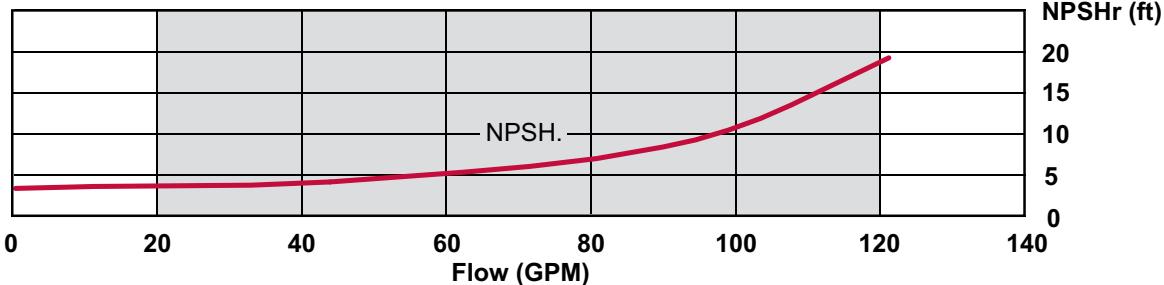
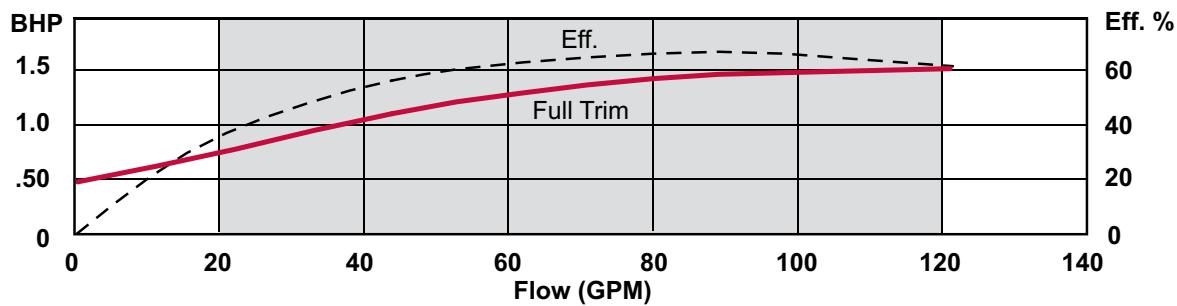
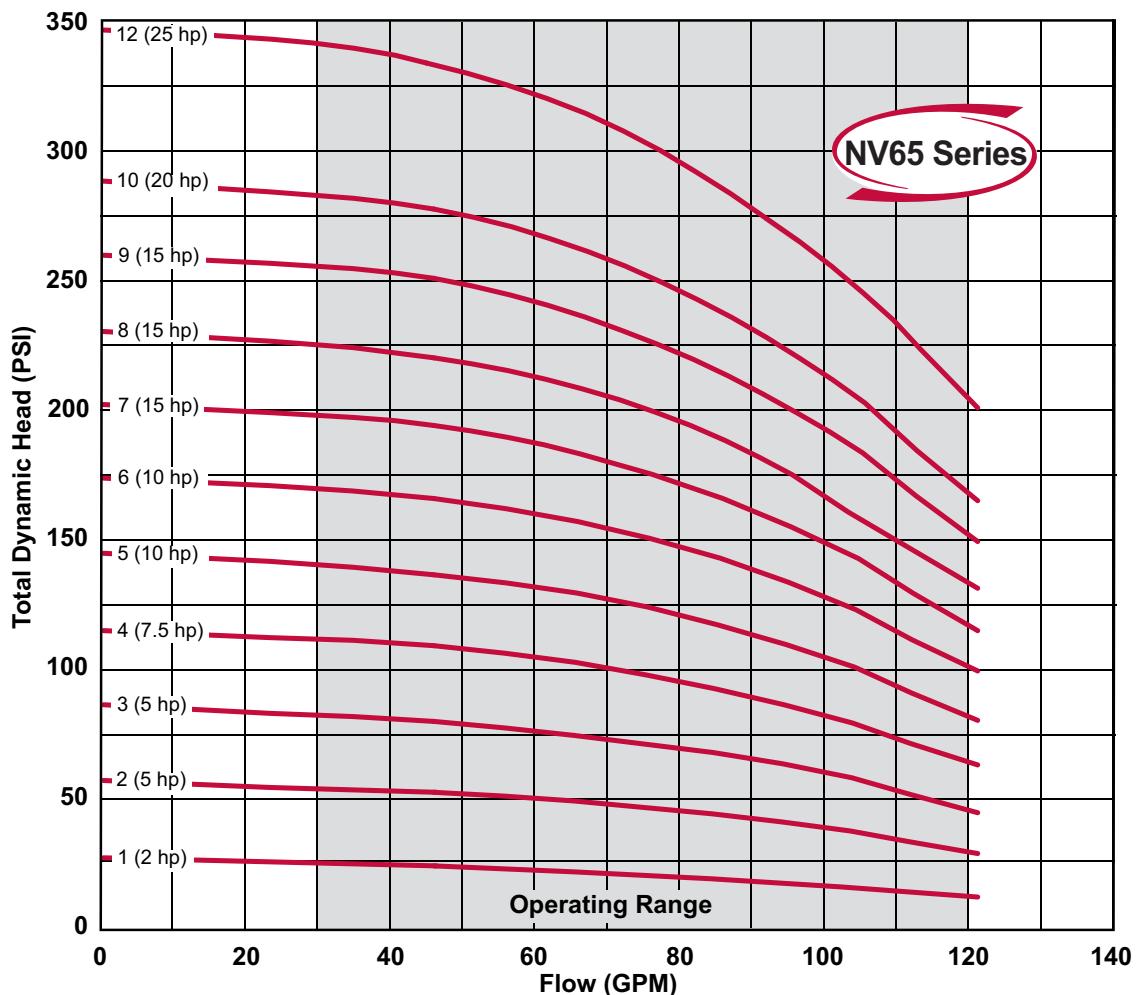
## NV65 PUMP DIMENSIONS



**NOTES:** All dimensions are in inches unless otherwise noted. Please contact factory for specific motor manufacturer dimensions.

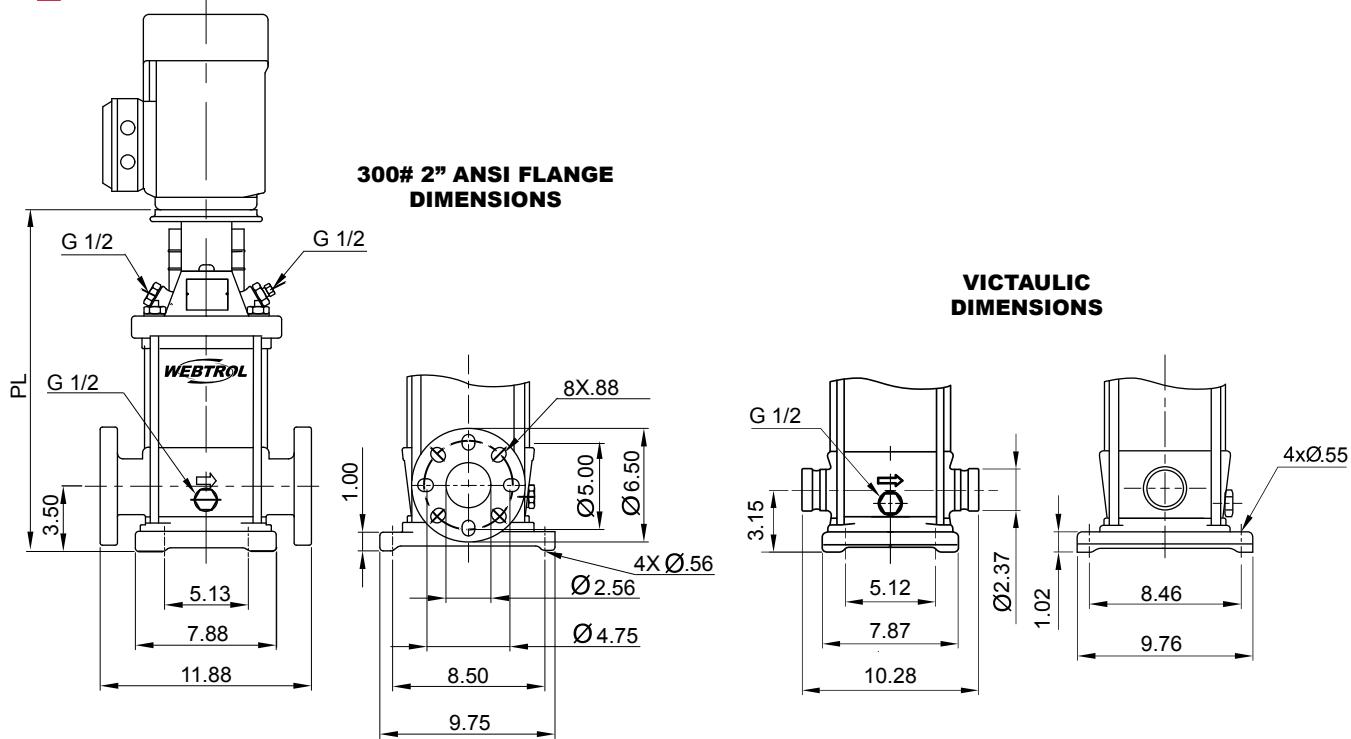
| Model   | HP  | Motor Frame | Pump Length (PL) - in. Flange | Pump Length (PL) - in. Victaulic | Pump End Weight - lbs. Flange | Pump End Weight - lbs. Victaulic |
|---------|-----|-------------|-------------------------------|----------------------------------|-------------------------------|----------------------------------|
| NV65B1  | 2   | 56C         | 16.10                         | 15.71                            | 62                            | 61                               |
| NV65B2  | 5   | 182TC       | 17.13                         | 16.73                            | 84                            | 82                               |
| NV65B3  | 5   | 182TC       | 18.30                         | 19.09                            | 91                            | 89                               |
| NV65B4  | 7.5 | 213TC       | 21.22                         | 20.82                            | 94                            | 92                               |
| NV65B5  | 10  | 213TC       | 22.99                         | 22.59                            | 97                            | 96                               |
| NV65B6  | 10  | 213TC       | 24.07                         | 26.99                            | 114                           | 112                              |
| NV65B7  | 15  | 254TC       | 29.16                         | 28.76                            | 117                           | 115                              |
| NV65B8  | 15  | 254TC       | 30.93                         | 30.54                            | 120                           | 118                              |
| NV65B9  | 15  | 254TC       | 32.70                         | 32.31                            | 123                           | 121                              |
| NV65B10 | 20  | 254TC       | 34.47                         | 34.08                            | 126                           | 125                              |
| NV65B12 | 25  | 284TSC      | 37.26                         | 36.87                            | 126                           | 125                              |

## NV65 SERIES GROUP CURVES



**N** Series

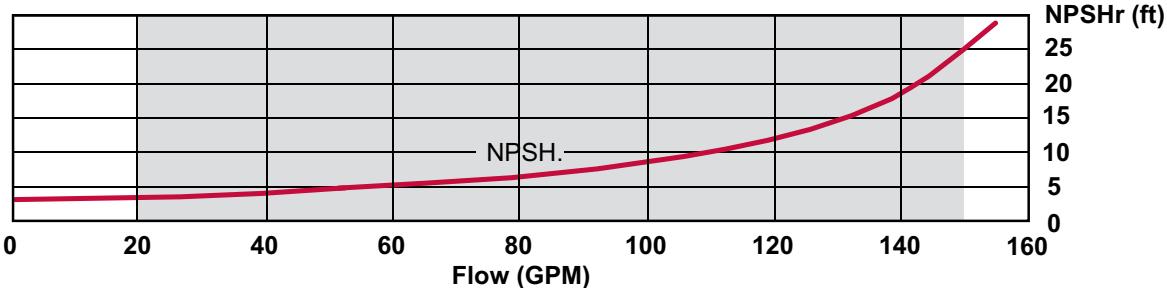
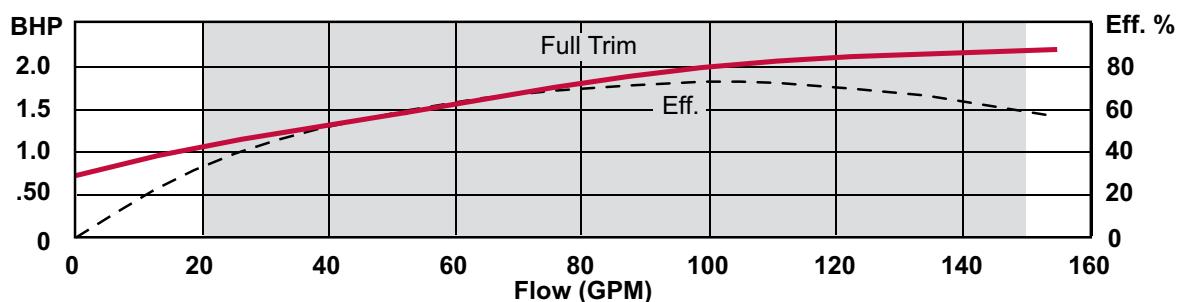
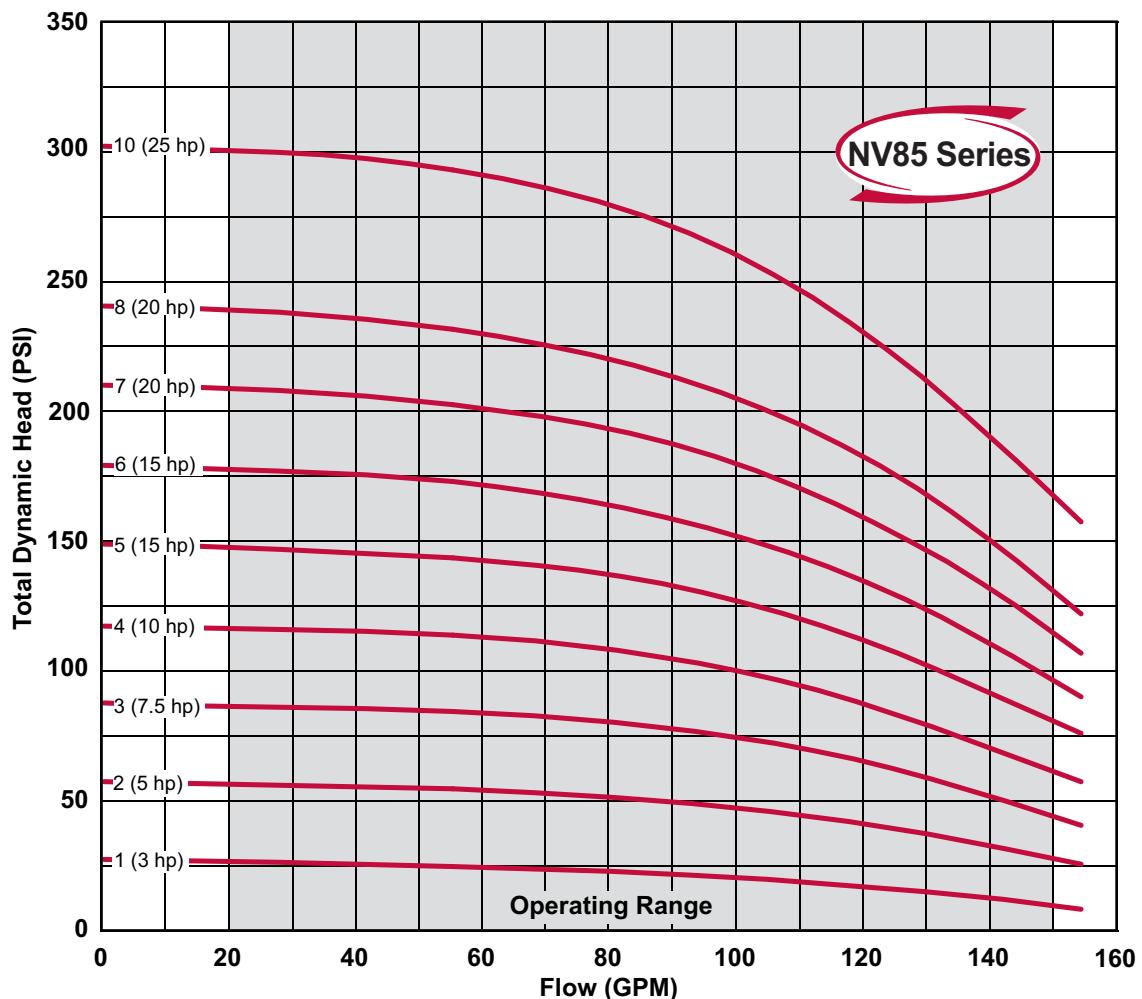
## NV85 PUMP DIMENSIONS



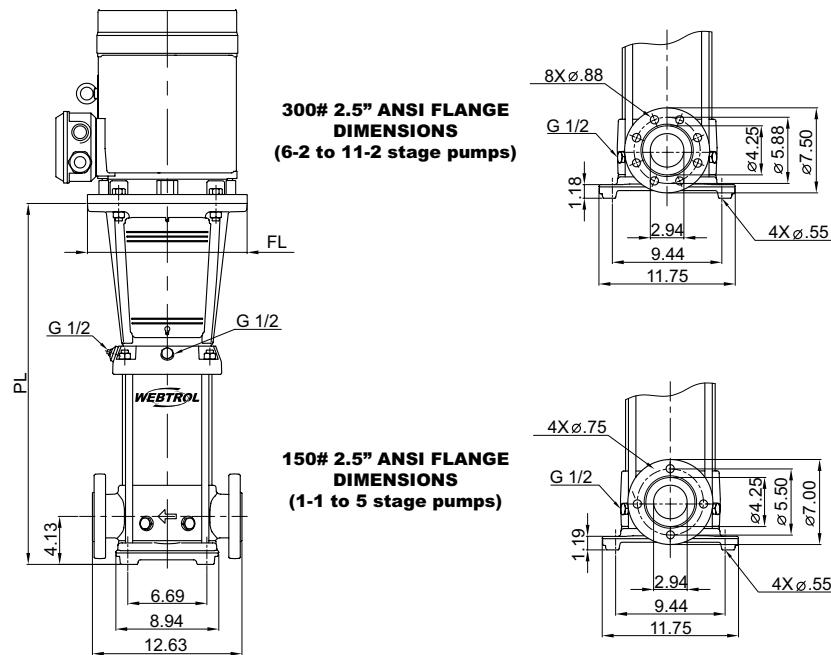
**NOTES:** All dimensions are in inches unless otherwise noted. Please contact factory for specific motor manufacturer dimensions.

| Model   | HP  | Motor Frame | Pump Length (PL) - in. Flange | Pump Length (PL) - in. Victaulic | Pump End Weight - lbs. Flange | Pump End Weight - lbs. Victaulic |
|---------|-----|-------------|-------------------------------|----------------------------------|-------------------------------|----------------------------------|
| NV85B1  | 3   | 182TC       | 17.19                         | 16.79                            | 89                            | 87                               |
| NV85B2  | 5   | 182TC       | 17.20                         | 16.81                            | 92                            | 90                               |
| NV85B3  | 7.5 | 213TC       | 19.52                         | 19.13                            | 102                           | 100                              |
| NV85B4  | 10  | 213TC       | 21.30                         | 20.90                            | 105                           | 103                              |
| NV85B5  | 15  | 254TC       | 25.69                         | 25.30                            | 118                           | 116                              |
| NV85B6  | 15  | 254TC       | 27.46                         | 27.07                            | 121                           | 119                              |
| NV85B7  | 20  | 254TC       | 29.24                         | 28.84                            | 124                           | 122                              |
| NV85B8  | 20  | 254TC       | 31.01                         | 30.61                            | 127                           | 125                              |
| NV85B10 | 25  | 284TSC      | 33.80                         | 33.41                            | 135                           | 133                              |

## NV85 SERIES GROUP CURVES



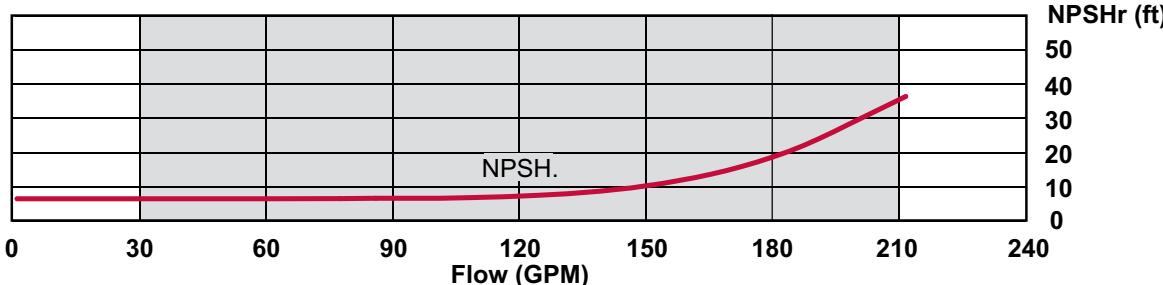
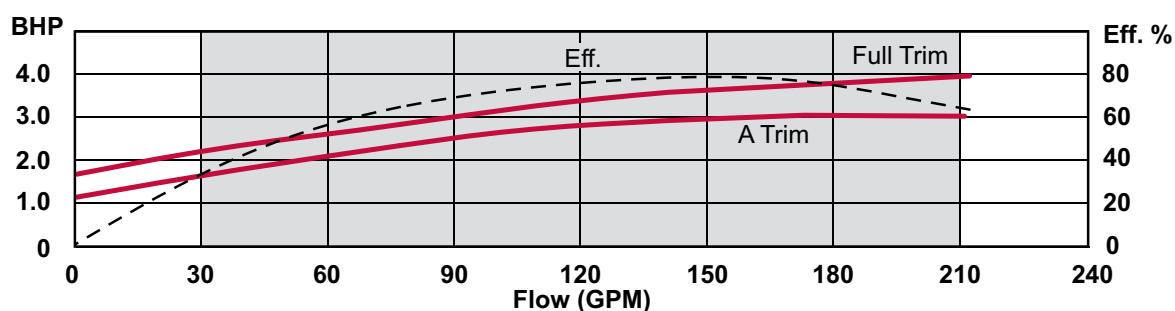
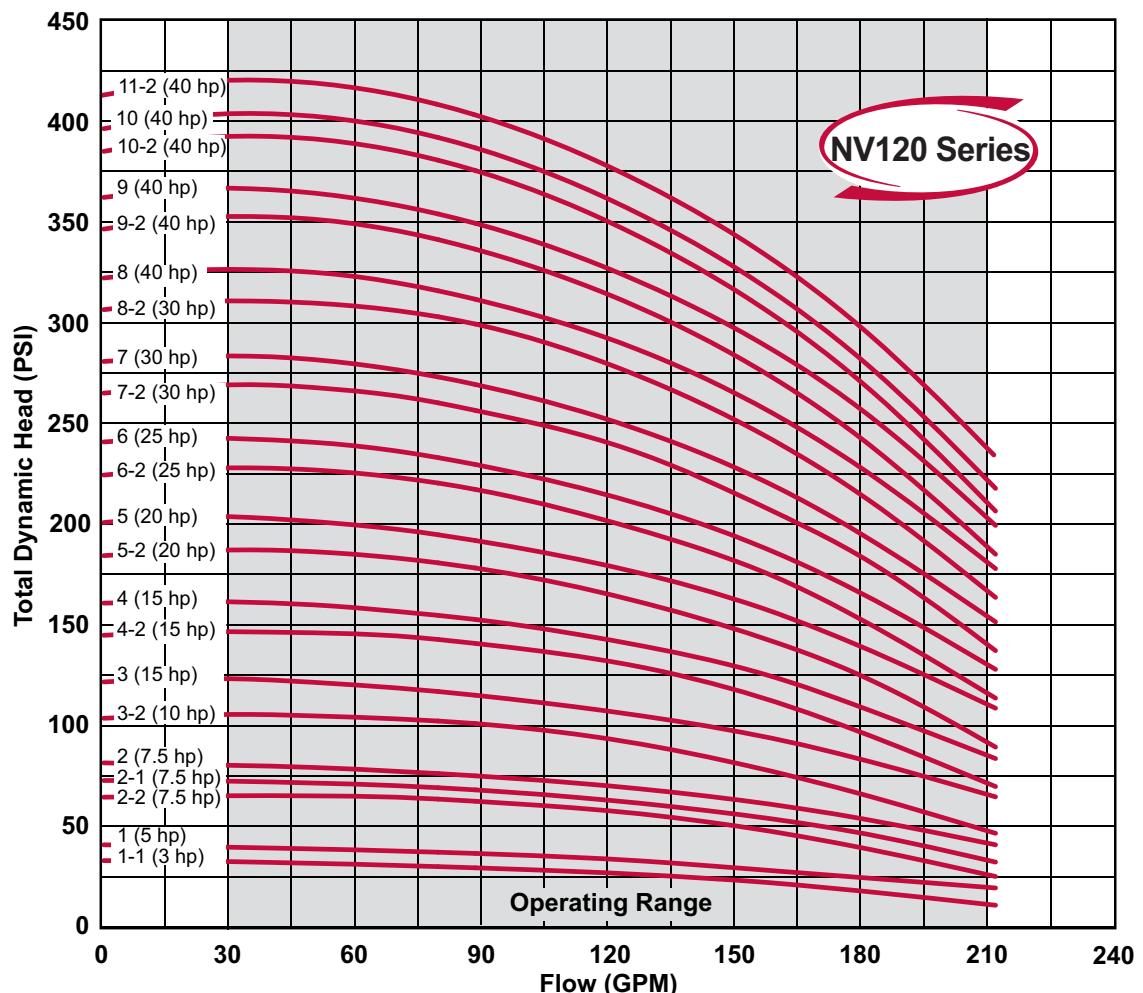
**N** Series

**NV120 PUMP DIMENSIONS**


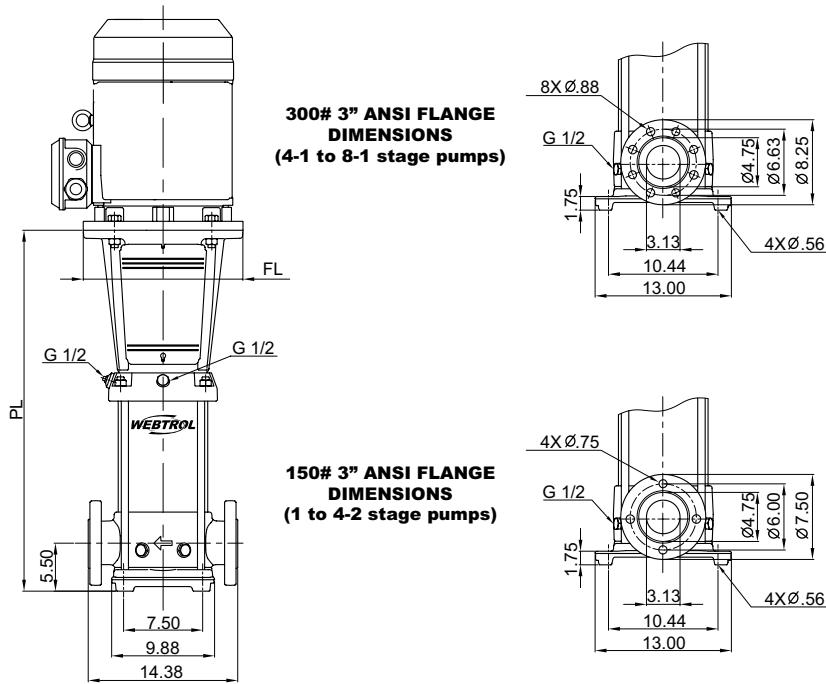
**NOTES:** All dimensions are in inches unless otherwise noted. Please contact factory for specific motor manufacturer dimensions

| Model      | HP  | Motor Frame | Pump Length (PL) - in. Flange | Pump End Weight - lbs. |
|------------|-----|-------------|-------------------------------|------------------------|
| NV120B1-1  | 3   | 182TC       | 20.02                         | 110                    |
| NV120B1    | 5   | 182TC       | 20.02                         | 110                    |
| NV120B2-2  | 7.5 | 213TC       | 22.78                         | 117                    |
| NV120B2-1  | 7.5 | 213TC       | 22.78                         | 117                    |
| NV120B2    | 7.5 | 213TC       | 22.78                         | 117                    |
| NV120B3-2  | 10  | 213TC       | 25.53                         | 124                    |
| NV120B3    | 15  | 254TC       | 29.67                         | 145                    |
| NV120B4-2  | 15  | 254TC       | 32.42                         | 151                    |
| NV120B4    | 15  | 254TC       | 32.42                         | 151                    |
| NV120B5-2  | 20  | 254TC       | 35.18                         | 158                    |
| NV120B5    | 20  | 254TC       | 35.18                         | 158                    |
| NV120B6-2  | 25  | 284TSC      | 37.93                         | 167                    |
| NV120B6    | 25  | 284TSC      | 37.93                         | 167                    |
| NV120B7-2  | 30  | 286TSC      | 40.69                         | 174                    |
| NV120B7    | 30  | 286TSC      | 40.69                         | 174                    |
| NV120B8-2  | 30  | 286TSC      | 43.44                         | 181                    |
| NV120B8    | 40  | 286TSC      | 43.44                         | 181                    |
| NV120B9-2  | 40  | 286TSC      | 46.20                         | 186                    |
| NV120B9    | 40  | 286TSC      | 46.20                         | 187                    |
| NV120B10-2 | 40  | 286TSC      | 48.96                         | 192                    |
| NV120B10   | 40  | 286TSC      | 48.96                         | 192                    |
| NV120B11-2 | 40  | 286TSC      | 51.71                         | 198                    |

## NV120 SERIES GROUP CURVES

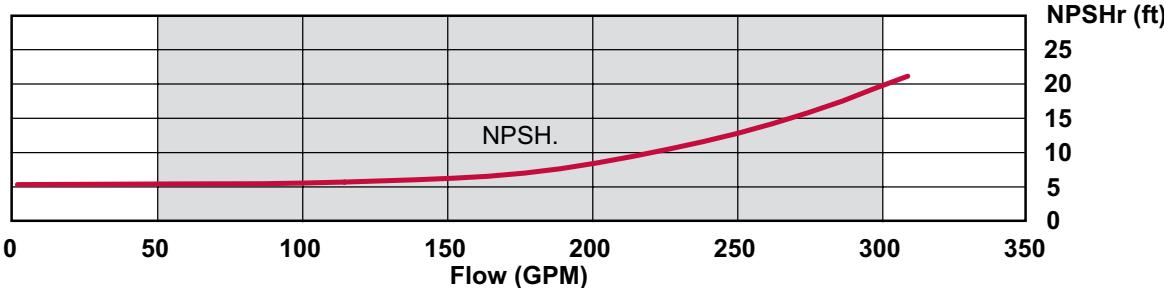
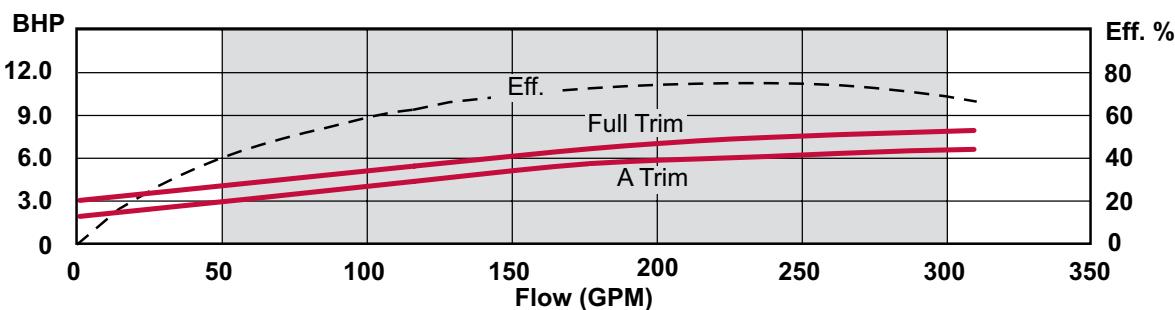
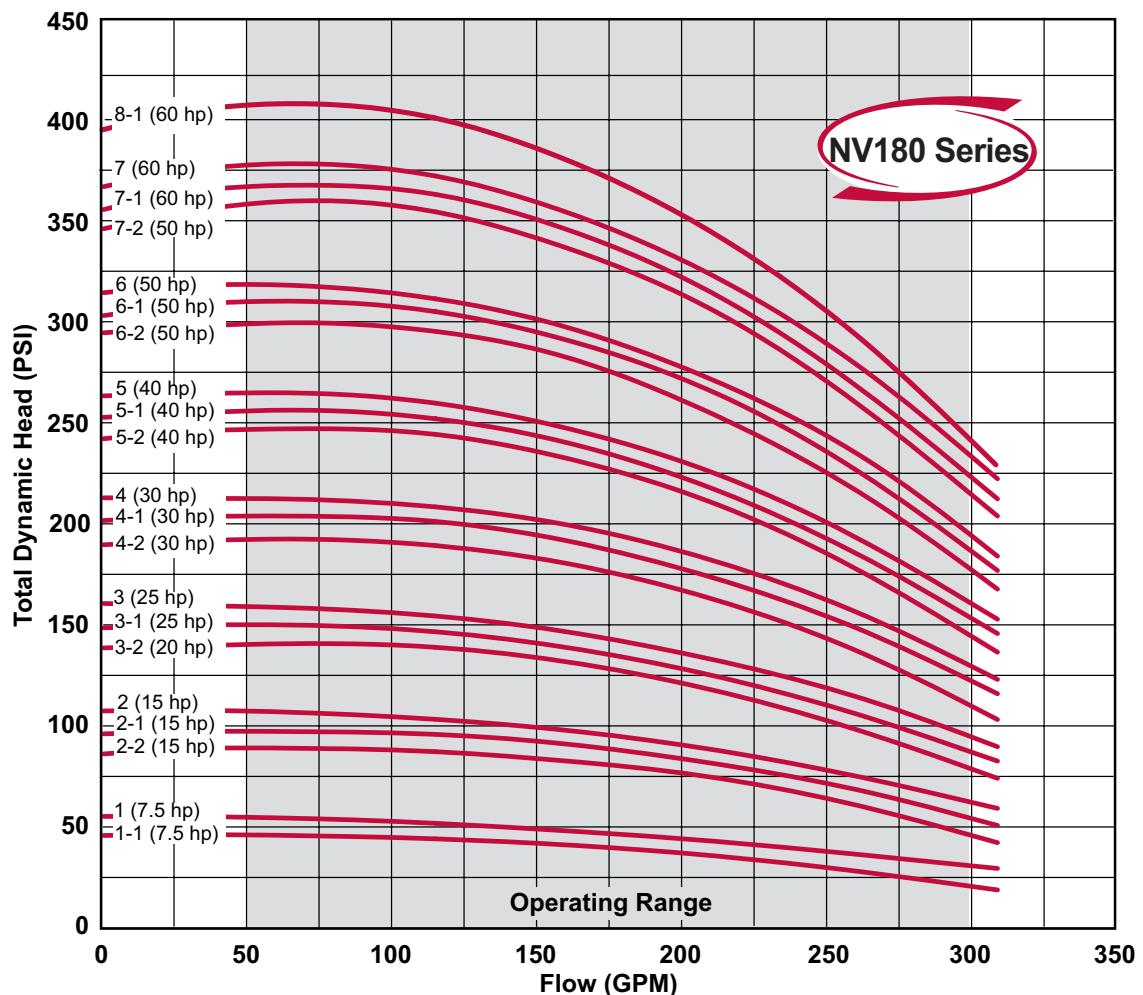



**N** Series

**NV180 PUMP DIMENSIONS**

**NOTES:** All dimensions are in inches unless otherwise noted. Please contact factory for specific motor manufacturer dimensions

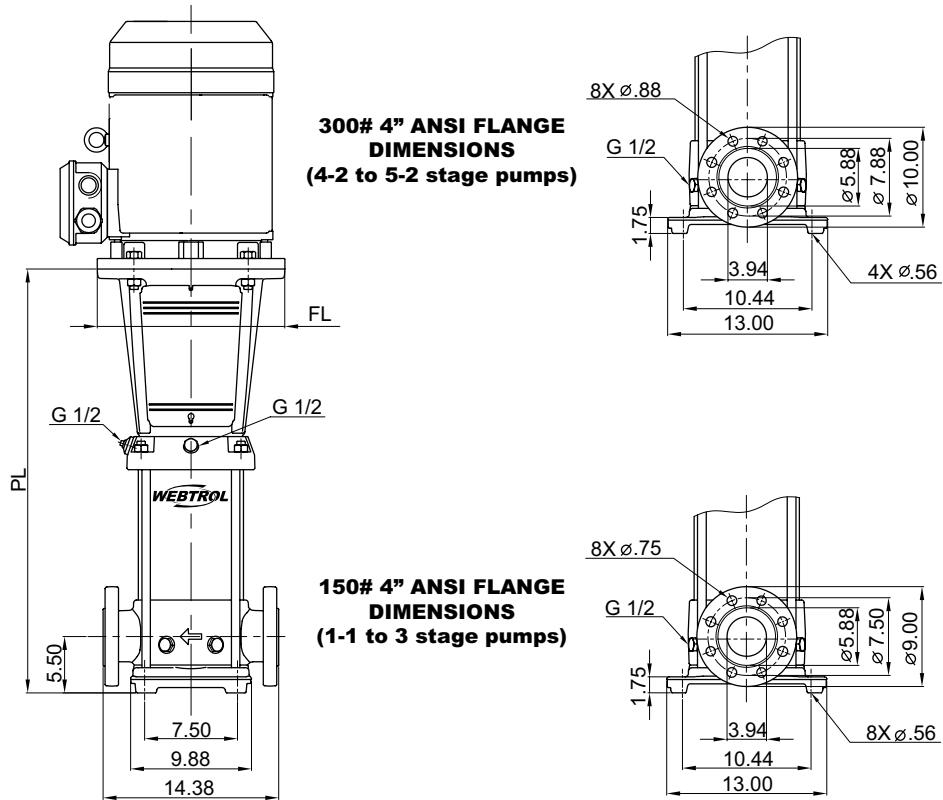
| Model     | HP  | Motor Frame | Pump Length (PL) - in. Flange | Pump End Weight - lbs. |
|-----------|-----|-------------|-------------------------------|------------------------|
| NV180B1-1 | 7.5 | 213TC       | 22.20                         | 125                    |
| NV180B1   | 7.5 | 213TC       | 22.20                         | 125                    |
| NV180B2-2 | 15  | 254TC       | 29.49                         | 154                    |
| NV180B2-1 | 15  | 254TC       | 29.49                         | 154                    |
| NV180B2   | 15  | 254TC       | 29.49                         | 154                    |
| NV180B3-2 | 20  | 254TC       | 32.64                         | 162                    |
| NV180B3-1 | 25  | 284TSC      | 32.64                         | 165                    |
| NV180B3   | 25  | 284TSC      | 32.64                         | 165                    |
| NV180B4-2 | 30  | 286TSC      | 35.79                         | 173                    |
| NV180B4-1 | 30  | 286TSC      | 35.79                         | 173                    |
| NV180B4   | 30  | 286TSC      | 35.79                         | 173                    |
| NV180B5-2 | 40  | 286TSC      | 38.94                         | 181                    |
| NV180B5-1 | 40  | 286TSC      | 38.94                         | 181                    |
| NV180B5   | 40  | 286TSC      | 38.94                         | 181                    |
| NV180B6-2 | 50  | 326TSC      | 42.09                         | 206                    |
| NV180B6-1 | 50  | 326TSC      | 42.09                         | 206                    |
| NV180B6   | 50  | 326TSC      | 42.09                         | 206                    |
| NV180B7-2 | 50  | 326TSC      | 45.24                         | 214                    |
| NV180B7-1 | 60  | 364TSC      | 45.24                         | 214                    |
| NV180B7   | 60  | 364TSC      | 45.24                         | 214                    |
| NV180B8-1 | 60  | 364TSC      | 48.39                         | 221                    |

## NV180 SERIES GROUP CURVES





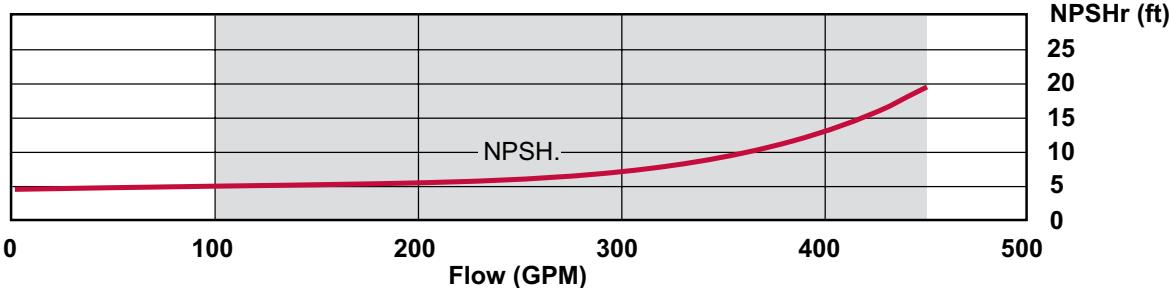
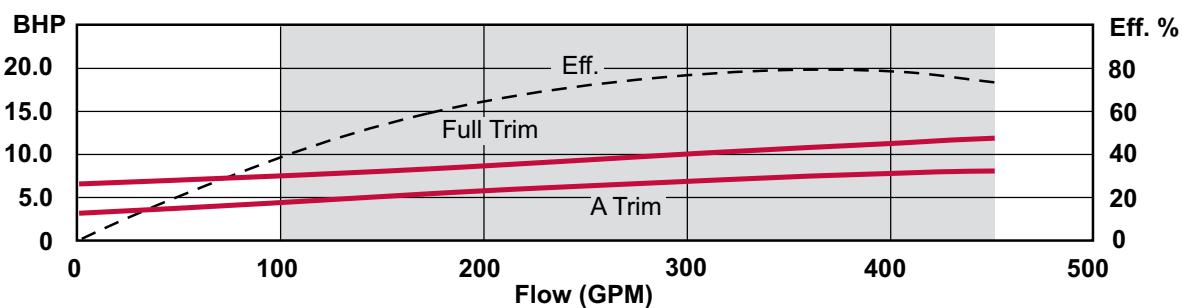
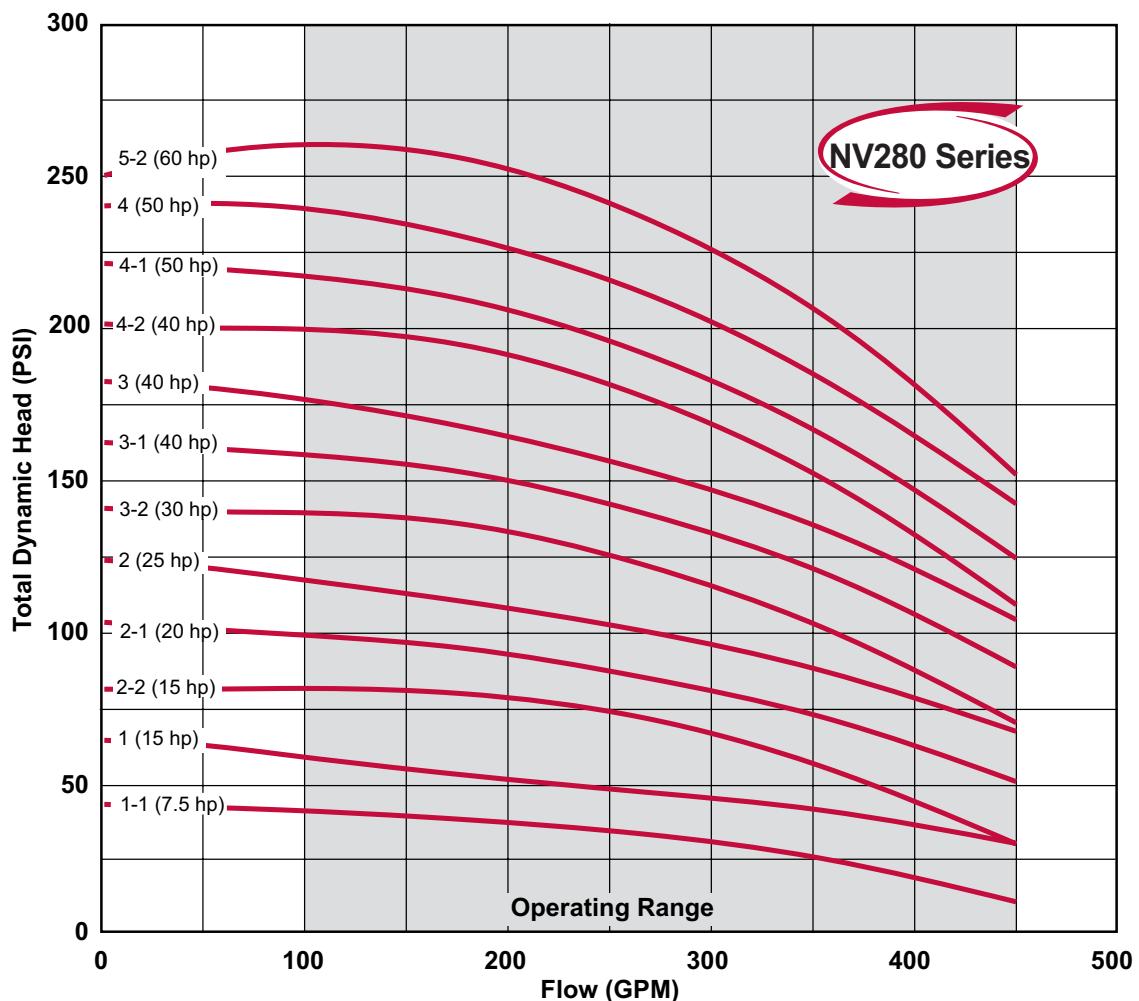
## NV280 PUMP DIMENSIONS



**NOTES:** All dimensions are in inches unless otherwise noted. Please contact factory for specific motor manufacturer dimensions

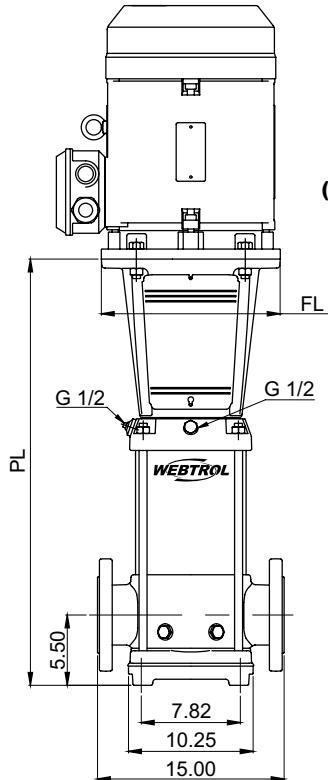
| Model     | HP  | Motor Frame | Pump Length (PL) - in. Flange | Pump End Weight - lbs. |
|-----------|-----|-------------|-------------------------------|------------------------|
| NV280B1-1 | 7.5 | 213TC       | 22.36                         | 116                    |
| NV280B1   | 15  | 254TC       | 26.50                         | 137                    |
| NV280B2-2 | 15  | 254TC       | 29.74                         | 145                    |
| NV280B2-1 | 20  | 254TC       | 29.74                         | 145                    |
| NV280B2   | 25  | 284TSC      | 29.74                         | 148                    |
| NV280B3-2 | 30  | 286TSC      | 32.99                         | 156                    |
| NV280B3-1 | 40  | 286TSC      | 32.99                         | 156                    |
| NV280B3   | 40  | 286TSC      | 32.99                         | 156                    |
| NV280B4-2 | 40  | 286TSC      | 36.24                         | 164                    |
| NV280B4-1 | 50  | 326TSC      | 36.24                         | 182                    |
| NV280B4   | 50  | 326TSC      | 36.24                         | 182                    |
| NV280B5-2 | 60  | 364TSC      | 39.49                         | 182                    |

## NV280 SERIES GROUP CURVES

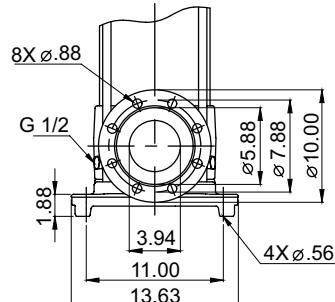


## N Series

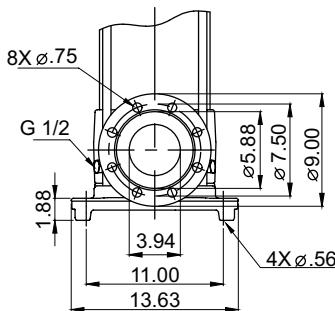
### NV400 PUMP DIMENSIONS



**300# 4" ANSI FLANGE  
DIMENSIONS  
(4-2 to 4-1 stage pumps)**



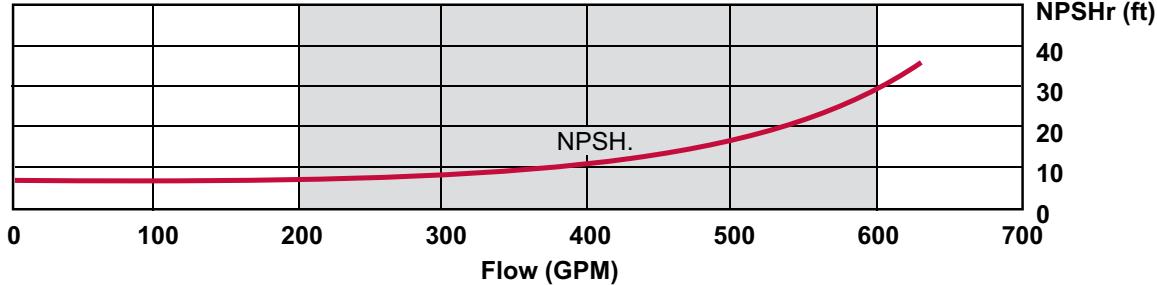
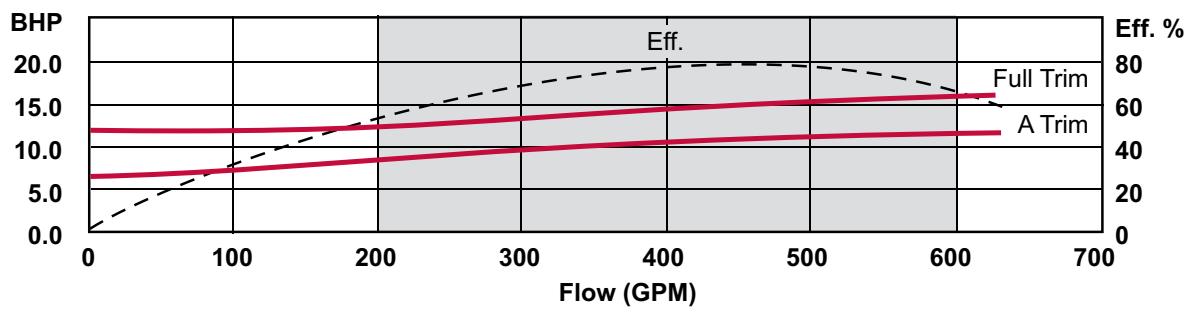
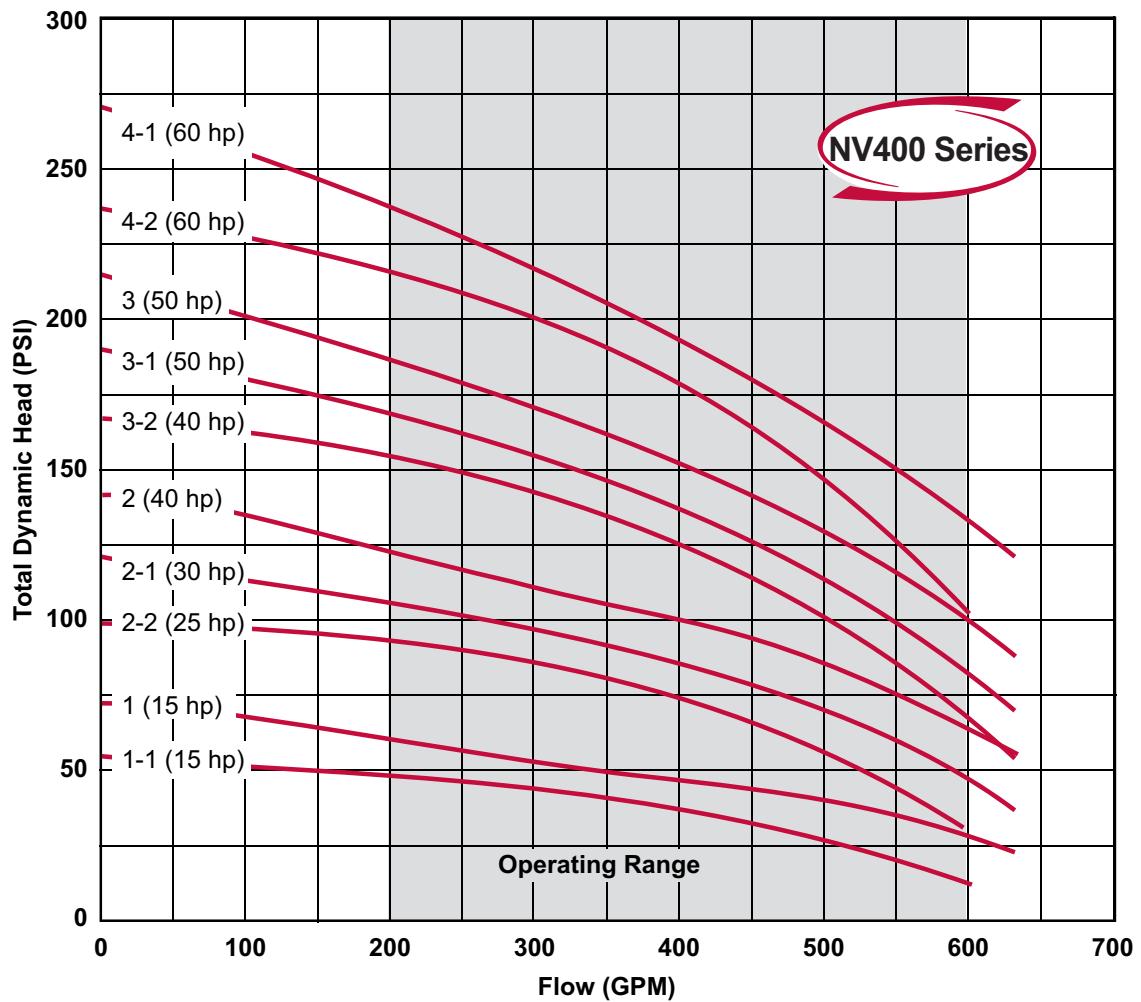
**150# 4" ANSI FLANGE  
DIMENSIONS  
(1-1 to 3 stage pumps)**



**NOTES:** All dimensions are in inches unless otherwise noted. Please contact factory for specific motor manufacturer dimensions

| Model     | HP | Motor Frame | Pump Length (PL) -in. Flange | Pump End Weight - lbs. |
|-----------|----|-------------|------------------------------|------------------------|
| NV400B1-1 | 15 | 254TC       | 26.75                        | 160                    |
| NV400B1   | 15 | 254TC       | 26.75                        | 160                    |
| NV400B2-2 | 25 | 284TSC      | 30.34                        | 173                    |
| NV400B2-1 | 30 | 286TSC      | 30.34                        | 173                    |
| NV400B2   | 40 | 286TSC      | 30.34                        | 173                    |
| NV400B3-2 | 40 | 286TSC      | 33.93                        | 184                    |
| NV400B3-1 | 50 | 326TSC      | 33.93                        | 202                    |
| NV400B3   | 50 | 326TSC      | 33.93                        | 202                    |
| NV400B4-2 | 60 | 364TSC      | 37.36                        | 217                    |
| NV400B4-1 | 60 | 364TSC      | 37.36                        | 217                    |

## NV400 SERIES GROUP CURVES



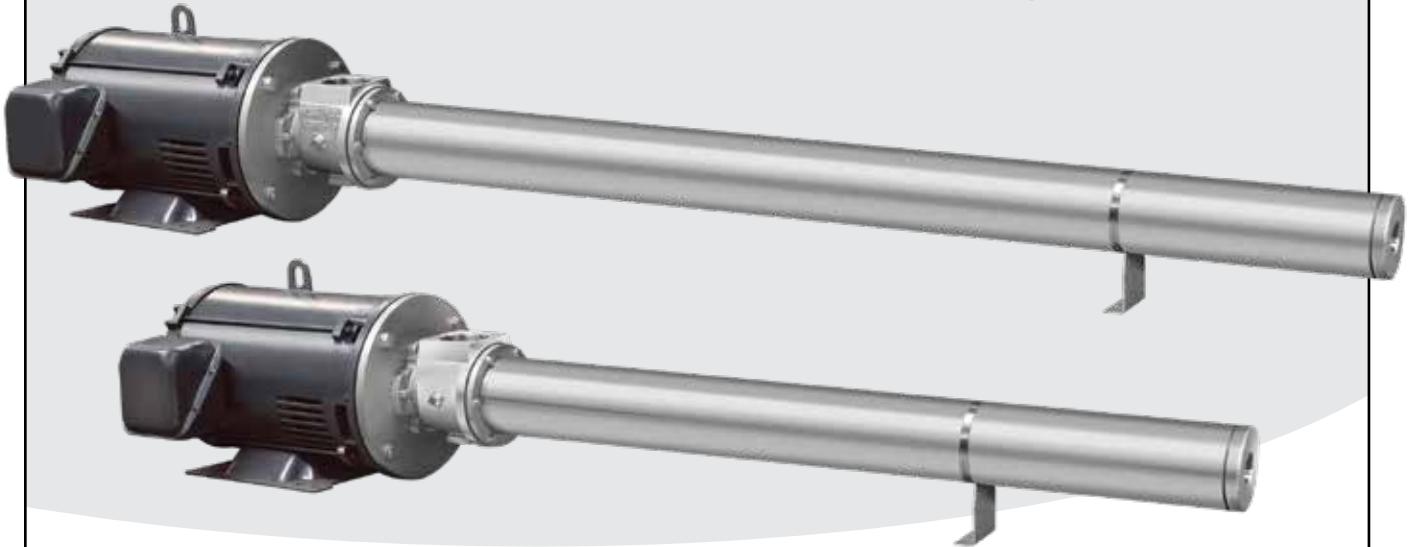


*There when you need us most*

## NOTES

## HT SERIES BOOSTER PUMPS

### Cast Iron and Stainless Steel Booster Pumps



## HT Series

The Webtrol HT Series is the *original heavy duty booster pump* designed for high flow at high head to meet the demands of industrial, commercial, and agricultural applications.

#### Features and Benefits

- Heavy duty 7/8" diameter stainless steel shaft with a double keyway
- Glass filled Noryl® impellers
- Injection molded, Polycarbonate, or Noryl diffusers with stainless steel wear rings

#### Performance

HP Range: 5 to 40 HP, 60Hz

Capacities to 100 GPM

Pressures to 780 PSI

Temperatures to 180 °F

The quality and performance you expect, along with industry best lead times and personalized service, only from Webtrol!

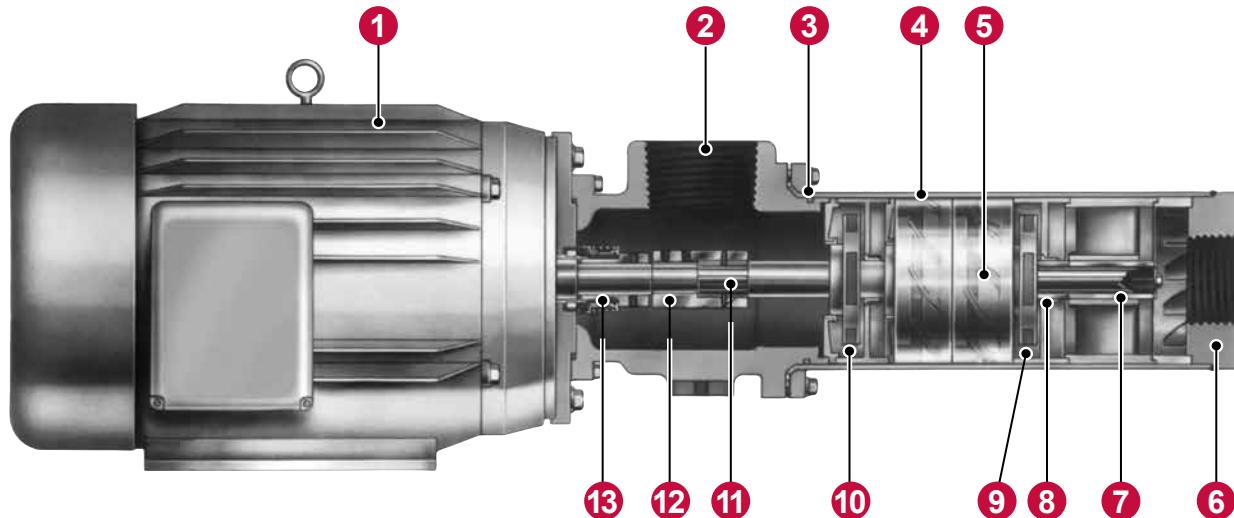
#### Typical Services

- Reverse Osmosis
- Deionization
- Car Wash
- Washdown
- Water Boosting

**H**  
**T** Series

## HT SERIES BOOSTER PUMP

### Construction & Design Features



| CONSTRUCTION MATERIALS |                                  |                                  |
|------------------------|----------------------------------|----------------------------------|
| Part                   | Cast Iron                        | Stainless Steel                  |
| Inlet/Motor Bracket    | Cast Iron                        | 316 SS                           |
| Discharge Housing      | Steel                            | 316 SS                           |
| Pump Housing           | 304 SS Tubing                    | 316 SS Tubing                    |
| Impellers              | Noryl®                           | Noryl®                           |
| Diffusers              | Noryl®                           | Noryl®                           |
| Wear Rings             | 316 SS                           | 316 SS                           |
| Shaft & Coupling       | 316 SS / 416 SS                  | 316 SS                           |
| Shaft Bearing Sleeve   | 316 SS                           | 316 SS                           |
| Shaft Bearing          | Bronze                           | Rulon®                           |
| Mechanical Seal        | Carbon/Ceramic<br>302 SS, Buna-N | Carbon/Ceramic<br>316 SS, Viton™ |
| Mechanical Seal Spacer | 416 SS                           | 316 SS                           |
| O-Rings                | Buna-N                           | Viton™                           |

## HT SERIES BOOSTER PUMP

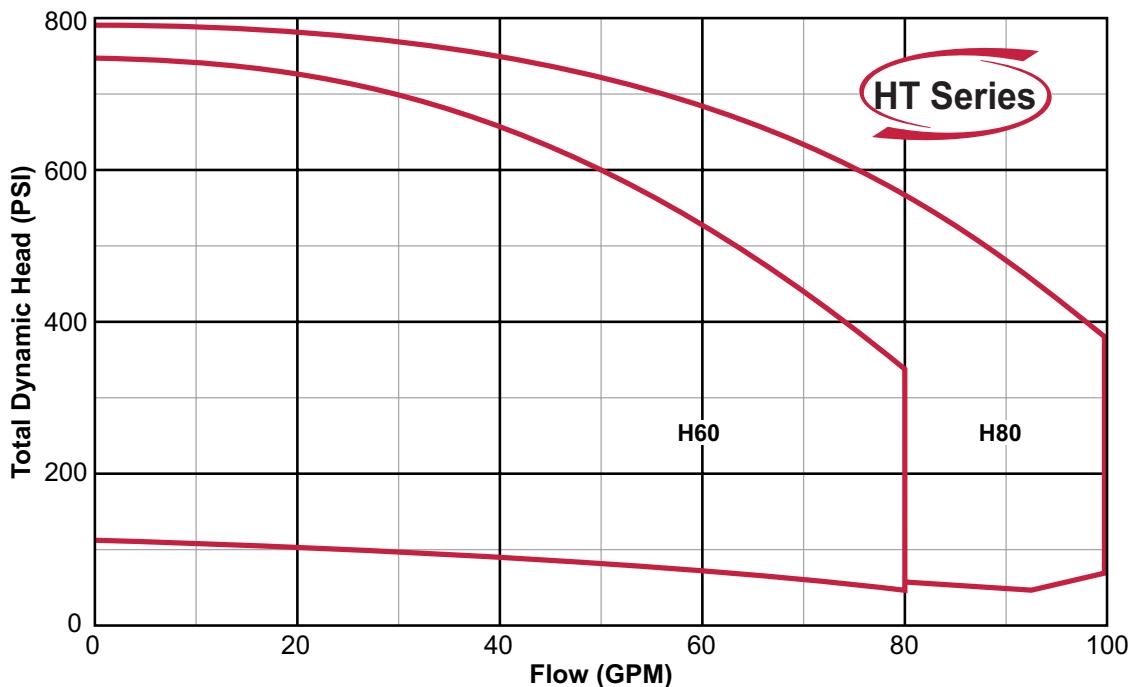
### Construction & Design Features



- 1 Closed coupled pump motor with a "C" face, 3450 RPM, 50 or 60 cycle, and a type JM mounting. Oversize ball bearings, class F insulation, and an external slinger ensure trouble free service. The direct coupling of the motor to the pump eliminates the need for a flexible coupling, guard, bearings, lubricator, oil seals, intermediate shaft, and bed plate. You won't need to deal with troublesome fuel motor alignment, or noise, vibration, and eventual bearing or coupling failure caused by a misaligned motor.
- 2 Inlet/motor bracket is a heavy walled casting machined for perfect concentric and perpendicular alignment of the motor shaft with the pump shaft coupling. Inlet size is 3" female NPT.
- 3 Positive sealing Buna-N o-ring is used to seal off the inlet / motor bracket on cast iron models. A Viton™ o-ring is used on stainless steel models.
- 4 Thick-walled stainless steel pump housing is flared at one end to accept the inlet and welded at the discharge. Flaring allows the tube to be removed easily, unlike threaded pump housing which can be difficult if not impossible to remove because of galling.
- 5 The rotating assembly is comprised of the pump shaft and coupling assembly, bottom plate, impellers, diffusers, intermediate diffusers, intermediate and top sleeves and diffuser bearings. It is easily removed by loosening the sets screws in the coupling, unbolting the tube from the inlet, sliding the pump housing over the rotating assembly, and pulling the rotating assembly away from the inlet. The mechanical seal remains in place and undisturbed.
- 6 Welding the discharge to the pump housing makes mechanical seal replacement easy. It eliminates the need to unbolt or unscrew the discharge from the pump housing. A rabbet fit ensures that the diffusers are perfectly aligned when they are compressed within the pump housing. The discharge thread size is 1 1/2" female NPT.
- 7 Top shaft sleeve and bearing 316 SS shaft sleeve is water lubricated and runs in a Rulon® or bronze bearing that is molded into the top diffuser, then machined to close concentricity and bore tolerances. Longer pumps use several intermediate bearings to reduce shaft deflection, vibration, and stress.
- 8 Impeller wear rings are insert molded into each diffuser at both the suction and discharge side to eliminate plastic on plastic contact and maintain tight clearances for low leakage and high efficiency.
- 9 Diffuser assemblies, molded of Noryl® thermoplastic, are concentrically aligned together with rabbet fits and are compressed inside the pump housing to prevent interstage leakage and pressure loss.
- 10 Centrifugal impellers are Noryl® thermoplastic with keyed hubs, and generate pulse-free pressure at high efficiencies. All impellers and diffusers are injection molded at Weber Industries to insure control of dimensional accuracy and material specifications.
- 11 Oversized stainless steel pump shaft is supported by many intermediate bearings to minimize deflection, vibration and bending stresses. This combined with the elimination of any stress-rising, sharp internal keyway or spline corners allows you to run the pump without fear of vibration or shaft breakage.
- 12 316 SS Coupling is first interference fit, then pinned and keyed to the pump shaft. It slips over the keyed motor shaft and is locked in place with set screws.
- 13 The spring loaded mechanical shaft seal has a ceramic stationary face and carbon rotating face. Metal components on the rotating half are 302 stainless steel and the elastomers are Buna-N (nitrile) for cast iron models, and Viton™ for stainless steel models. Because the seal is locked into position on the motor shaft by a separate stainless steel spacer, it is not disturbed when the rotating assembly is replaced. Maximum seal (inlet) pressure is 250 PSI.

**H**  
**T** Series

## HT SERIES FAMILY CURVES

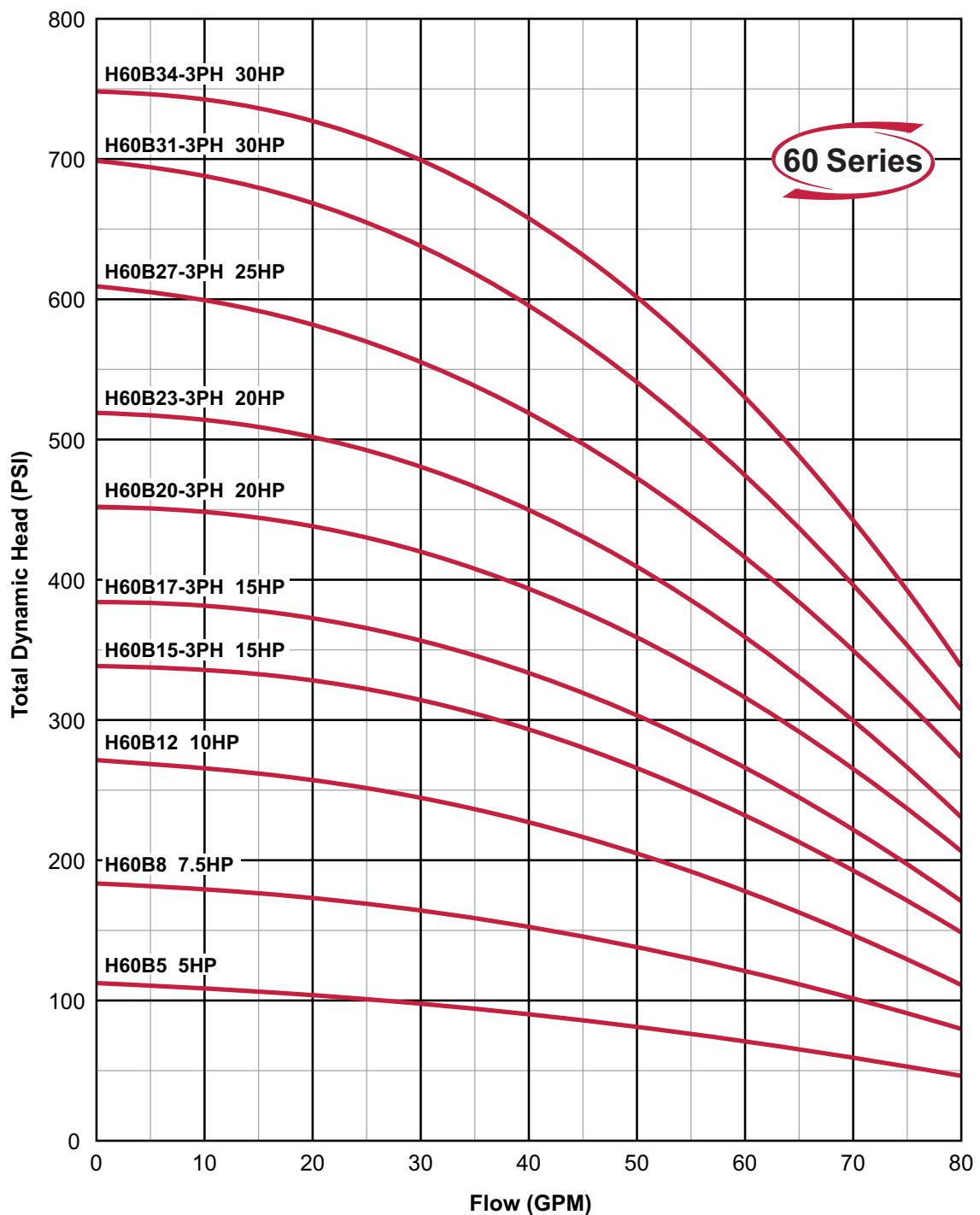


**Note:**

HT Series curves in this catalog are based on 60 Hz 3450 rpm motors. 50 Hz 2875 rpm curves are available. These curves are for general guidance only, individual pump curves are available upon request. A certified curve may be requested for an additional cost. Webtrol will build pumps to fit your specific needs, contact factory for pricing.

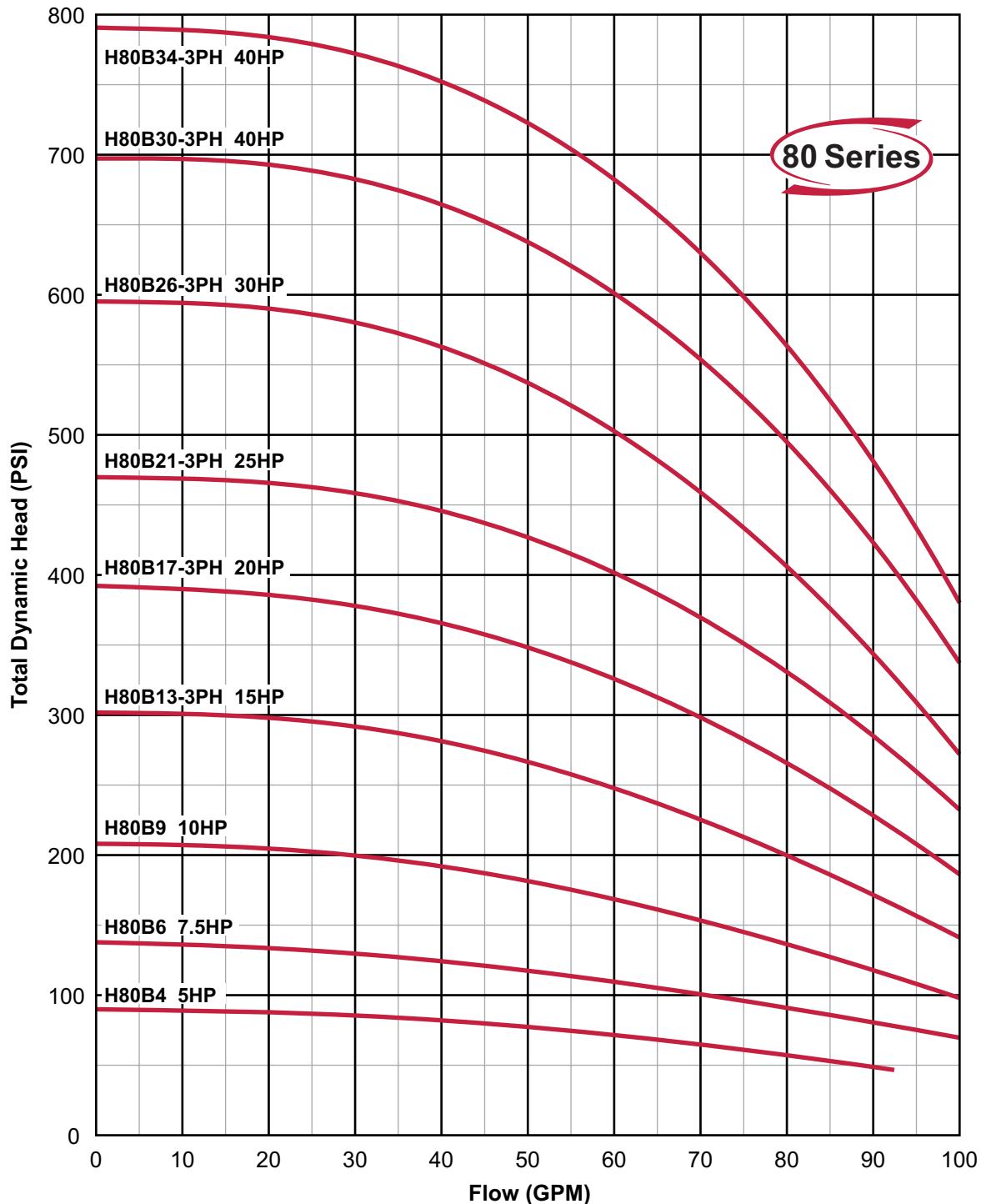
## HT 60 SERIES GROUP CURVES

**H** Series



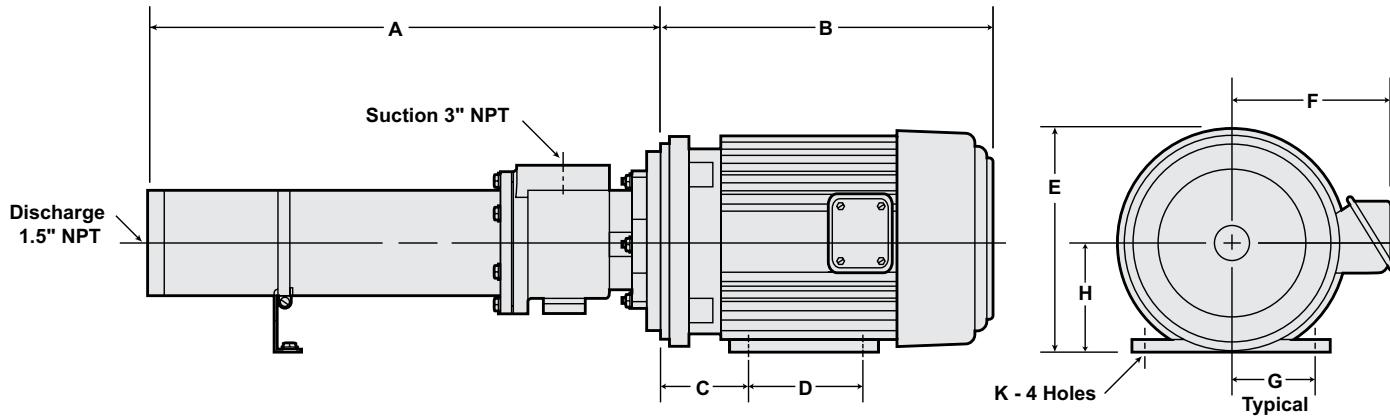
**H**  
**T**  
**Series**

## HT 80 SERIES GROUP CURVES



## HT SERIES DIMENSIONS

**H**  
Series



| Cast Iron* 3PH<br>TEFC Model No. | HP  | Dimensions (inches) |       |      |       |       |       |      |      |      | Approx.<br>Wt<br>(lbs.) |
|----------------------------------|-----|---------------------|-------|------|-------|-------|-------|------|------|------|-------------------------|
|                                  |     | A                   | B     | C    | D     | E     | F     | G    | H    | K    |                         |
| H60B5-3PHT                       | 5   | 20.80               | 12.97 | 3.50 | 5.50  | 10.34 | 6.43  | 3.75 | 4.50 | 0.41 | 132                     |
| H60B8-3PHT                       | 7.5 | 26.20               | 18.84 | 3.50 | 5.50  | 10.34 | 6.43  | 3.75 | 4.50 | 0.41 | 149                     |
| H60B12-3PHT                      | 10  | 32.60               | 15.47 | 4.50 | 7.00  | 11.12 | 6.43  | 4.25 | 5.25 | 0.41 | 204                     |
| H60B15-3PHT                      | 15  | 40.00               | 20.05 | 4.25 | 8.25  | 14.94 | 10.00 | 5.00 | 6.25 | 0.53 | 250                     |
| H60B17-3PHT                      | 15  | 43.20               | 20.05 | 4.25 | 8.25  | 14.94 | 10.00 | 5.00 | 6.25 | 0.53 | 258                     |
| H60B20-3PHT                      | 20  | 48.10               | 20.05 | 4.25 | 8.25  | 14.94 | 10.00 | 5.00 | 6.25 | 0.53 | 295                     |
| H60B23-3PHT                      | 20  | 52.90               | 20.05 | 4.25 | 8.25  | 14.94 | 10.00 | 5.00 | 6.25 | 0.53 | 306                     |
| H60B27-3PHT                      | 25  | 62.00               | 23.25 | 4.75 | 9.50  | 16.35 | 12.09 | 6.38 | 7.00 | 0.53 | 357                     |
| H60B31-3PHT                      | 30  | 64.40               | 24.17 | 4.75 | 9.50  | 16.93 | 12.20 | 5.50 | 7.00 | 0.53 | 408                     |
| H60B34-3PHT                      | 30  | 72.80               | 24.17 | 4.75 | 9.50  | 16.93 | 12.20 | 5.50 | 7.00 | 0.53 | 420                     |
| H80B4-3PHT                       | 5   | 19.70               | 12.97 | 3.50 | 5.50  | 10.34 | 6.43  | 3.75 | 4.50 | 0.41 | 141                     |
| H80B6-3PHT                       | 7.5 | 23.70               | 18.84 | 3.50 | 5.50  | 10.34 | 6.43  | 3.75 | 4.50 | 0.41 | 151                     |
| H80B9-3PHT                       | 10  | 28.90               | 15.47 | 4.50 | 7.00  | 11.12 | 6.43  | 4.25 | 5.25 | 0.41 | 188                     |
| H80B13-3PHT                      | 15  | 38.00               | 20.05 | 4.25 | 8.25  | 14.94 | 10.00 | 5.00 | 6.25 | 0.53 | 238                     |
| H80B17-3PHT                      | 20  | 45.40               | 20.05 | 4.25 | 8.25  | 14.94 | 10.00 | 5.00 | 6.25 | 0.53 | 278                     |
| H80B21-3PHT                      | 25  | 52.40               | 23.25 | 4.75 | 9.50  | 16.35 | 12.09 | 6.38 | 7.00 | 0.53 | 329                     |
| H80B26-3PHT                      | 30  | 63.70               | 24.17 | 4.75 | 9.50  | 16.93 | 12.20 | 5.50 | 7.00 | 0.53 | 388                     |
| H80B30-3PHT                      | 40  | 70.70               | 24.37 | 5.25 | 10.50 | 18.16 | 13.74 | 6.25 | 8.00 | 0.66 | 495                     |
| H80B34-3PHT                      | 40  | 77.60               | 24.37 | 5.25 | 10.50 | 18.16 | 13.74 | 6.25 | 8.00 | 0.66 | 515                     |

\*Dimensions are the same for stainless steel models.



*There when you need us most*

## NOTES

## PC SERIES CENTRIFUGAL PUMPS

### Corrosion Resistant Centrifugal Pumps

#### PC Series

The compact, lightweight design of the PC Series pumps makes it ideal for cabinet installation, as well as skid mounting. They are corrosion resistant to provide you with reliable solutions for a variety industrial, commercial, and agricultural applications.

The quality and performance you expect, along with industry best lead times and personalized service, only from Webtrol!



#### Features and Benefits

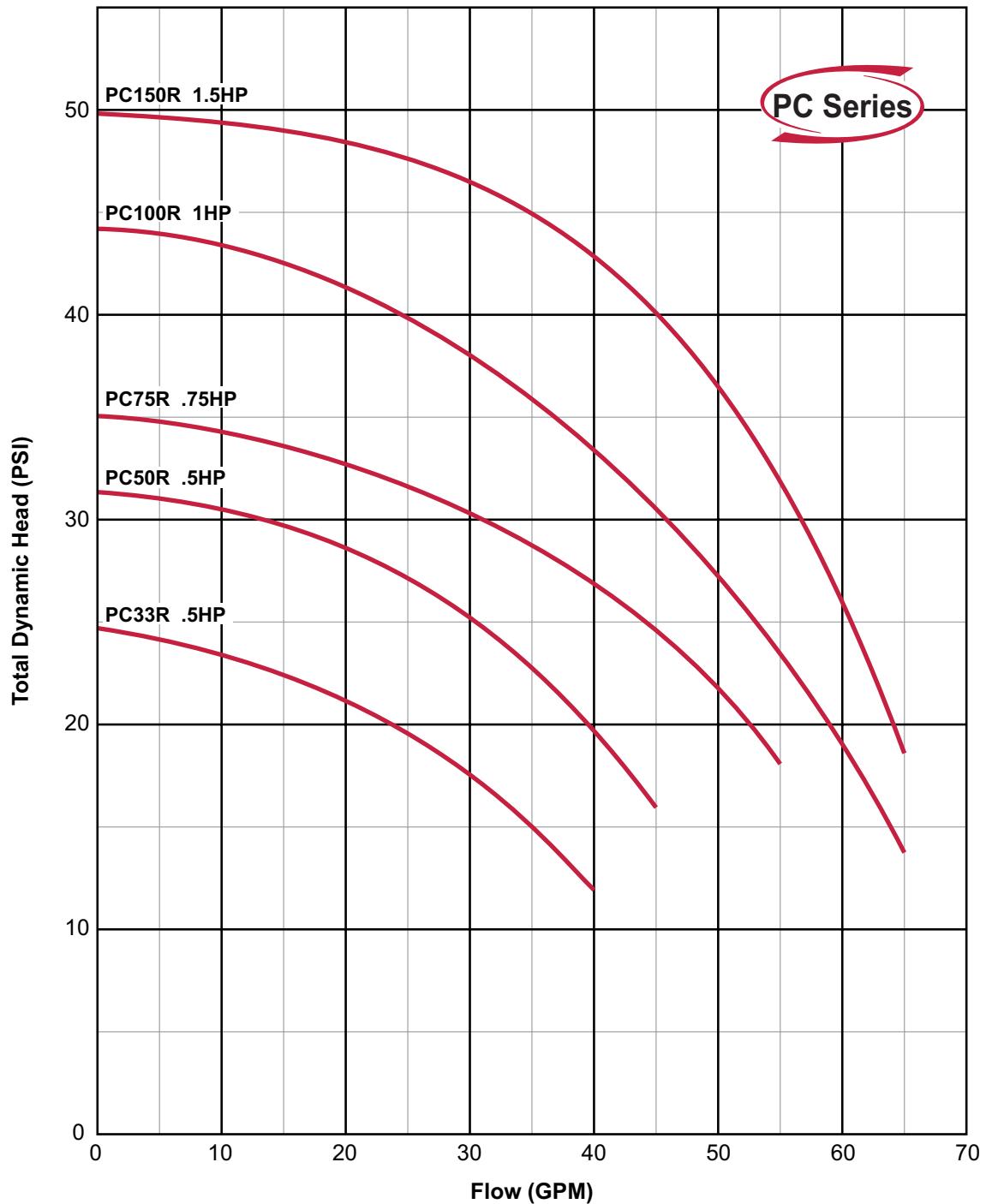
- Close coupled for a smooth transmission of power
- 316 stainless steel wear ring and impeller hub for long pump life
- Glass reinforced Noryl® pump case, motor bracket, and impeller
- Ease of Installation with the ability to rotate the discharge in 90° increments
- Suction pressures to 35 PSI (with 50 PSI boost)
- Mechanical seal type 6, 316 SS & Viton™

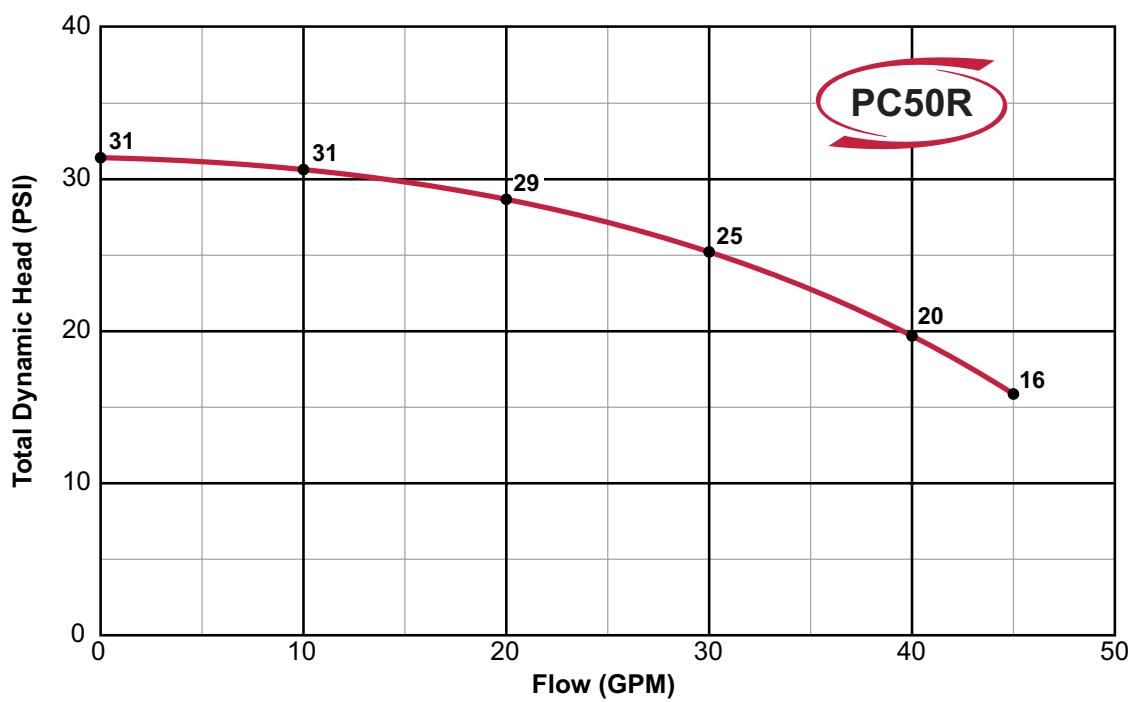
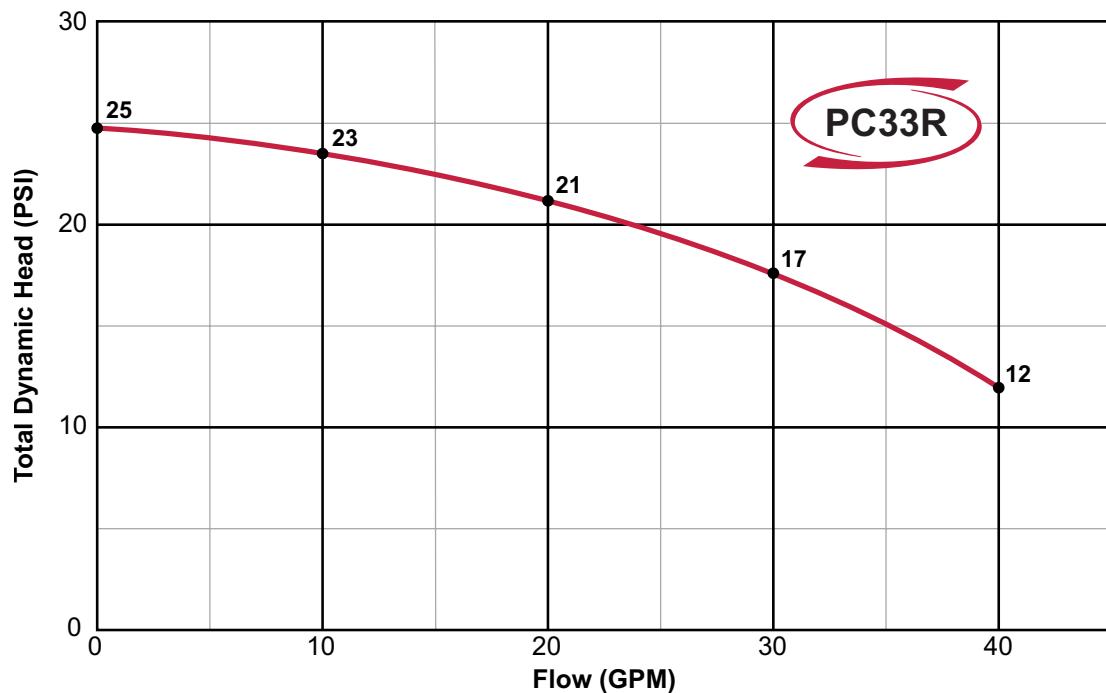
#### Performance

- HP Range: .5 to 1.5 HP, 60Hz
- Capacities to 65 GPM
- Pressures to 50 PSI
- Temperatures to 180 °F

#### Typical Services

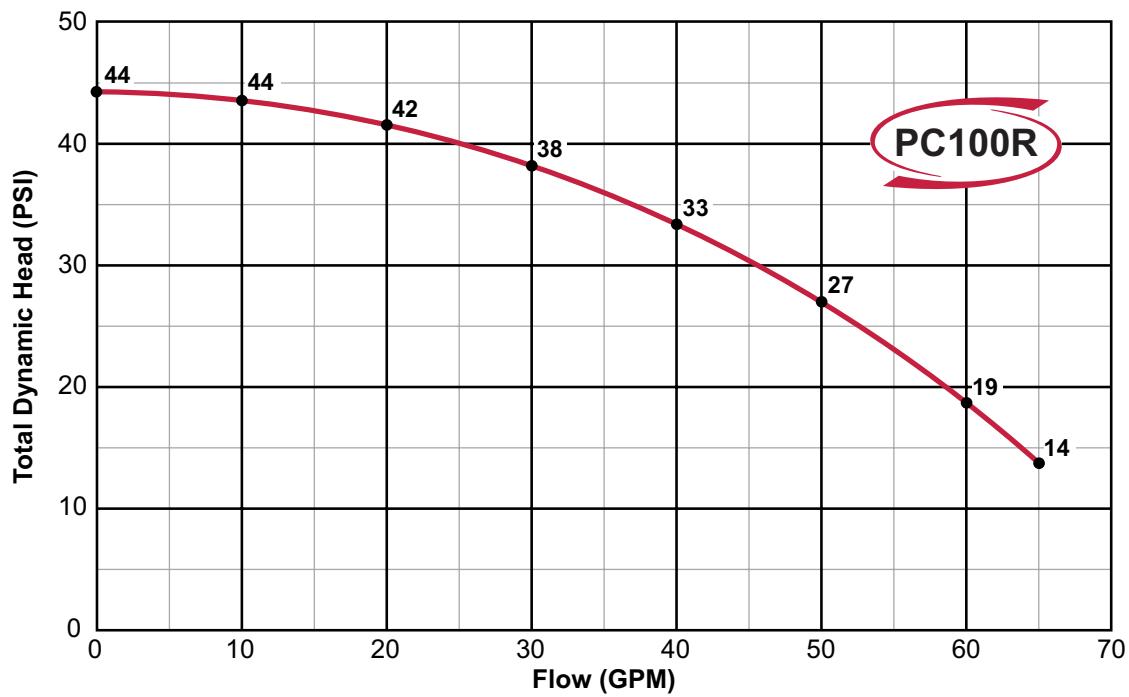
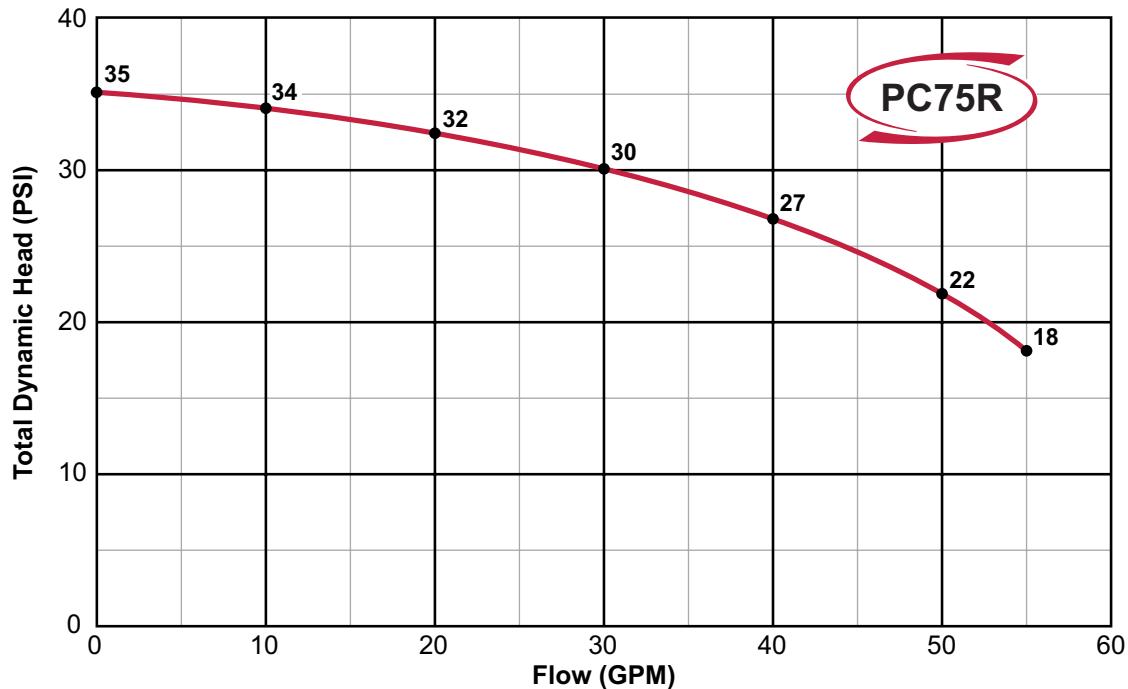
|                           |                            |
|---------------------------|----------------------------|
| • Deionized Systems       | • Circulation Systems      |
| • Reverse Osmosis Systems | • Pre-Filter Charge System |
| • Distribution Systems    | • Condensation Systems     |
| • Car Wash Systems        | • Cooling Tower Systems    |
| • Liquid Transfer Systems |                            |

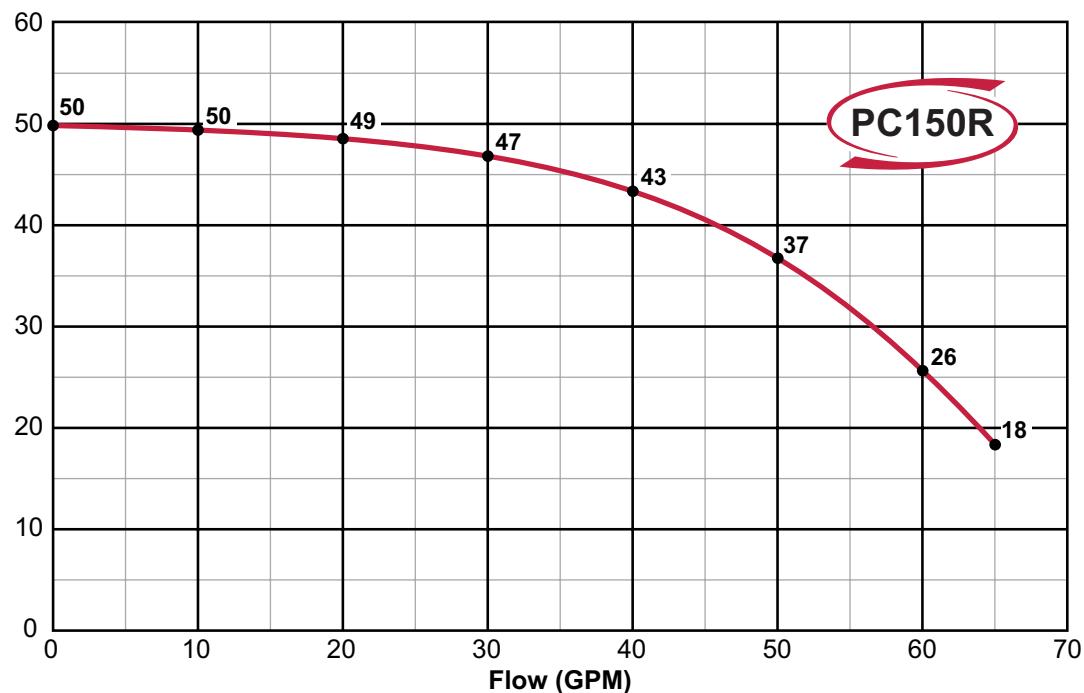
**PC Series****PC SERIES GROUP CURVES**

**PC SERIES GROUP CURVES****PC Series**

**PC** Series

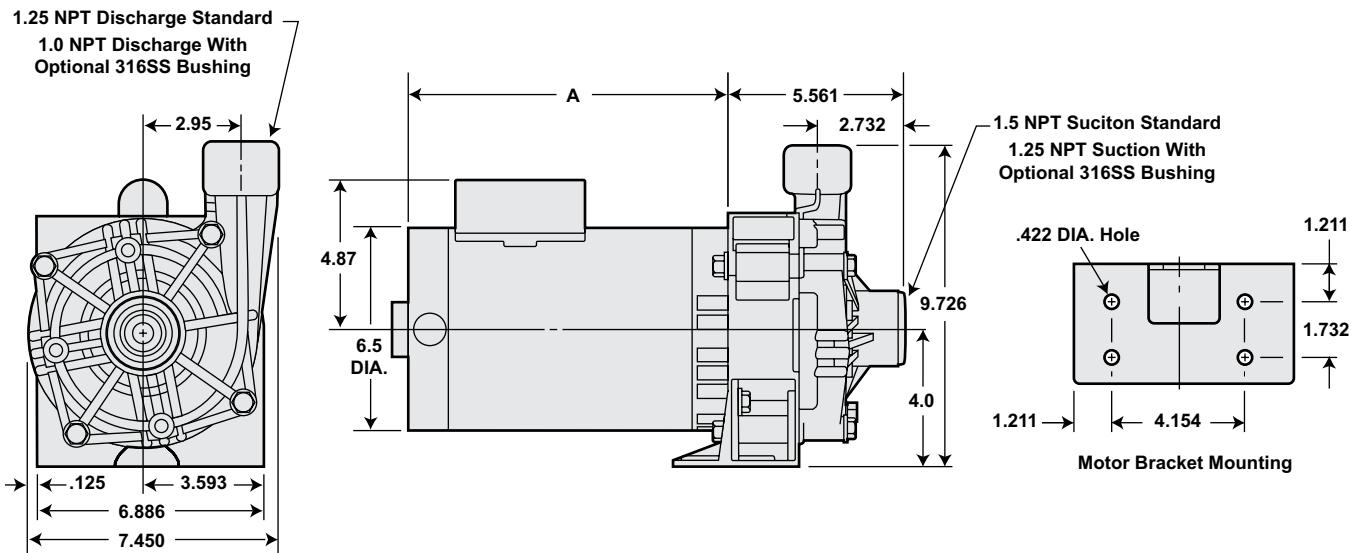
## PC SERIES GROUP CURVES



**PC SERIES GROUP CURVES****PC Series**

## PC Series

## PC SERIES CENTRIFUGAL Dimensions



## Construction & Design Features

### .5 - 1.5 HP for Continuous Duty Operation

| Model No. | A (Length) | HP  |
|-----------|------------|-----|
| PC33R     | 8.51       | .5  |
| PC50R     | 8.51       | .5  |
| PC75R     | 9.36       | .75 |
| PC100R    | 9.36       | 1   |
| PC150R    | 10.26      | 1.5 |

**Motor** - The end-mounting motor has no feet, and is supported by the motor bracket. An open drip-proof enclosure is standard with class B insulation.

| CONSTRUCTION MATERIALS |                |
|------------------------|----------------|
| Part                   | Material       |
| Pump Housing           | Noryl®         |
| Motor Bracket          | Noryl®         |
| Impeller (closed type) | Noryl®         |
| Wear Ring              | 316 SS         |
| Motor Shaft            | 303 SS         |
| Mechanical Seal        | Carbon/Ceramic |
| O-Rings                | Viton™         |

## FC SERIES CENTRIFUGAL PUMPS

### Stainless Steel Centrifugal Pumps

#### FC Series

Dependable and rugged, FC Series pumps are corrosion and erosion resistant making them the logical choice for continuous duty service.

The quality and performance you expect, along with industry best lead times and personalized service, only from Webtrol!



#### Features and Benefits

- 304 stainless steel pump
- Close coupled design
- Centerline discharge
- Back pullout design allows for ease of servicing
- High operating efficiencies
- Mechanical seals and case o-rings are made of high quality materials

#### Performance

HP Range: 1 to 2, 60Hz - 1750 RPM  
3 to 30, 60Hz - 3450 RPM

Capacities to 600 GPM

Pressures to 120 PSI

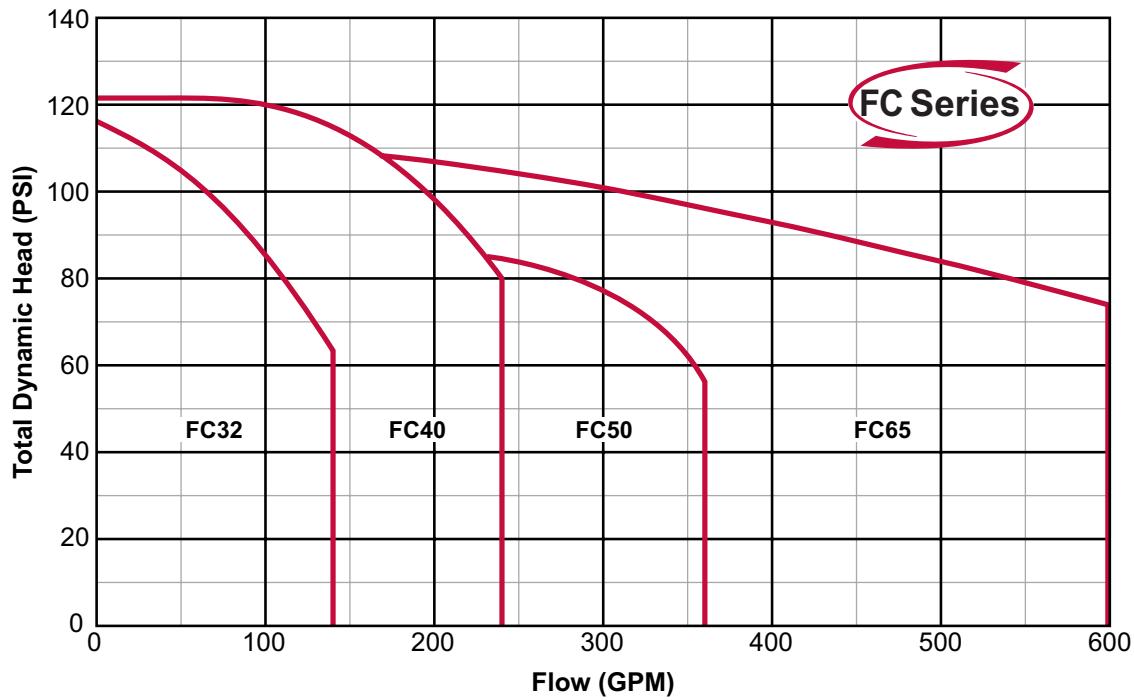
Temperatures to 212 °F

#### Typical Services

- Pressure Boosting
- Ultrapure Water Systems
- Deionized Systems
- Distribution Systems
- Pharmaceutical Services
- Water Reclamation
- Sprinkler & Irrigation
- General Pump Applications
- Beverage Processing
- Parts Washers
- Cooling Towers
- Jockey Pump
- Liquid Transfer
- Heat Exchangers
- Car Wash
- Spray systems
- Scrubbers
- Poultry

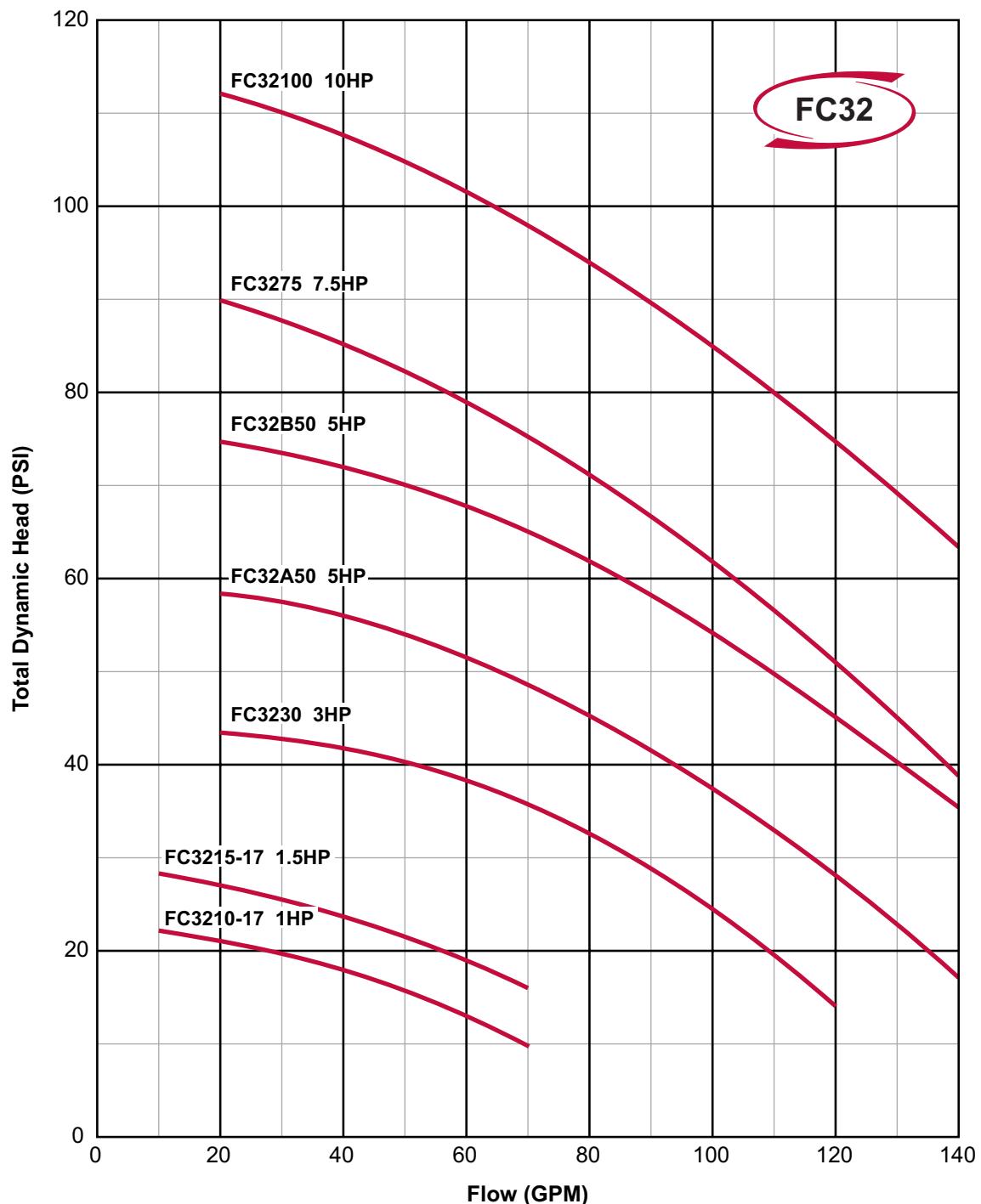
**FC** Series

## FC SERIES FAMILY CURVES



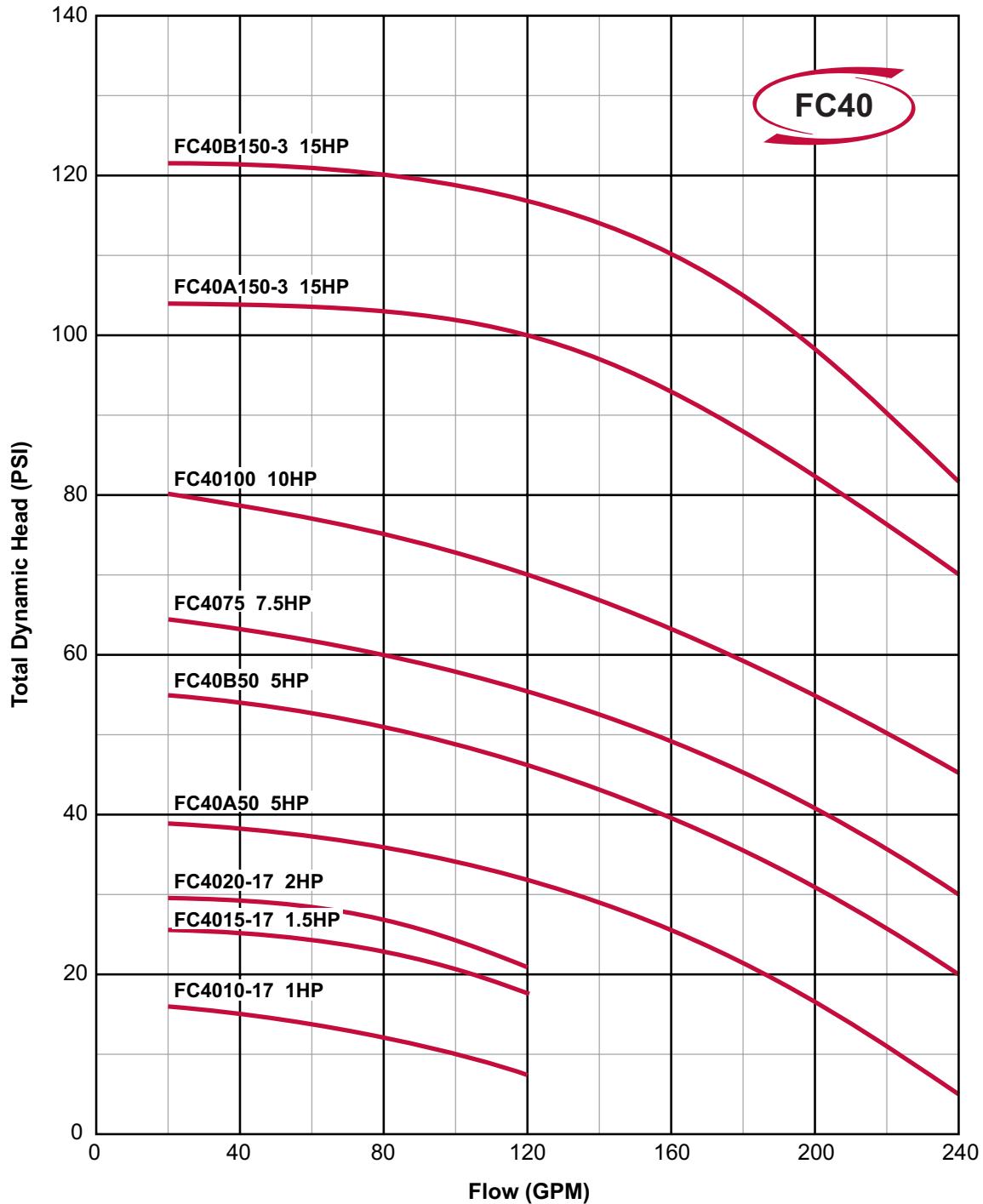
| Suction and Discharge Sizes |                        |                          |
|-----------------------------|------------------------|--------------------------|
| Model No.                   | Suction (150 lb. ANSI) | Discharge (150 lb. ANSI) |
| FC32                        | 2" ANSI                | 1.25" ANSI               |
| FC40                        | 2.5" ANSI              | 1.5" ANSI                |
| FC50                        | 2.5" ANSI              | 2" ANSI                  |
| FC65                        | 3" ANSI                | 2.5" ANSI                |

| CONSTRUCTION MATERIALS |          |
|------------------------|----------|
| Part                   | Material |
| Casing                 | 304L SS  |
| Impeller               | 304L SS  |
| Shaft                  | SS       |
| Mechanical Seal        | Type 21  |

**FC SERIES GROUP CURVES****FC** Series

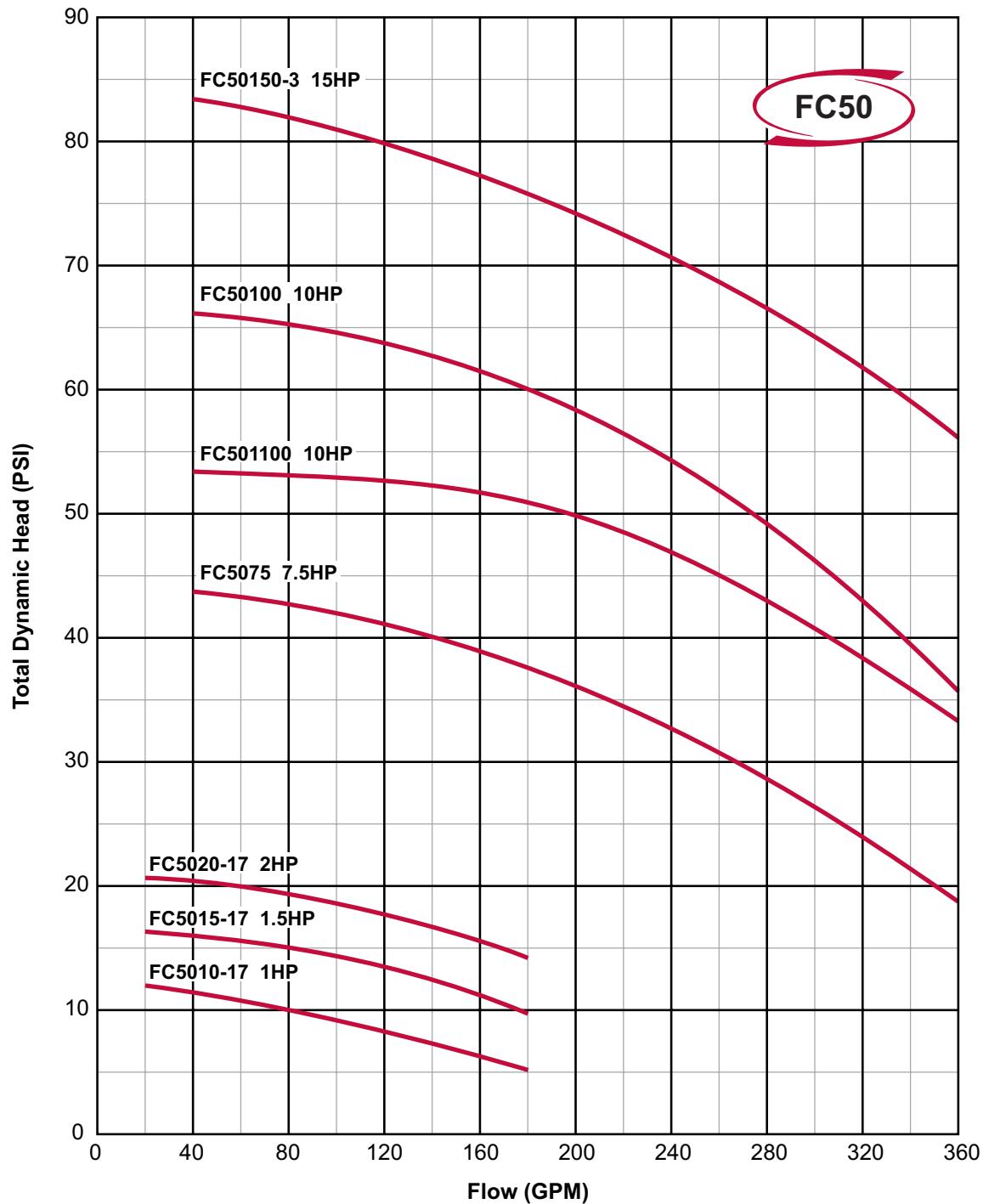
**FC** Series

## FC SERIES GROUP CURVES



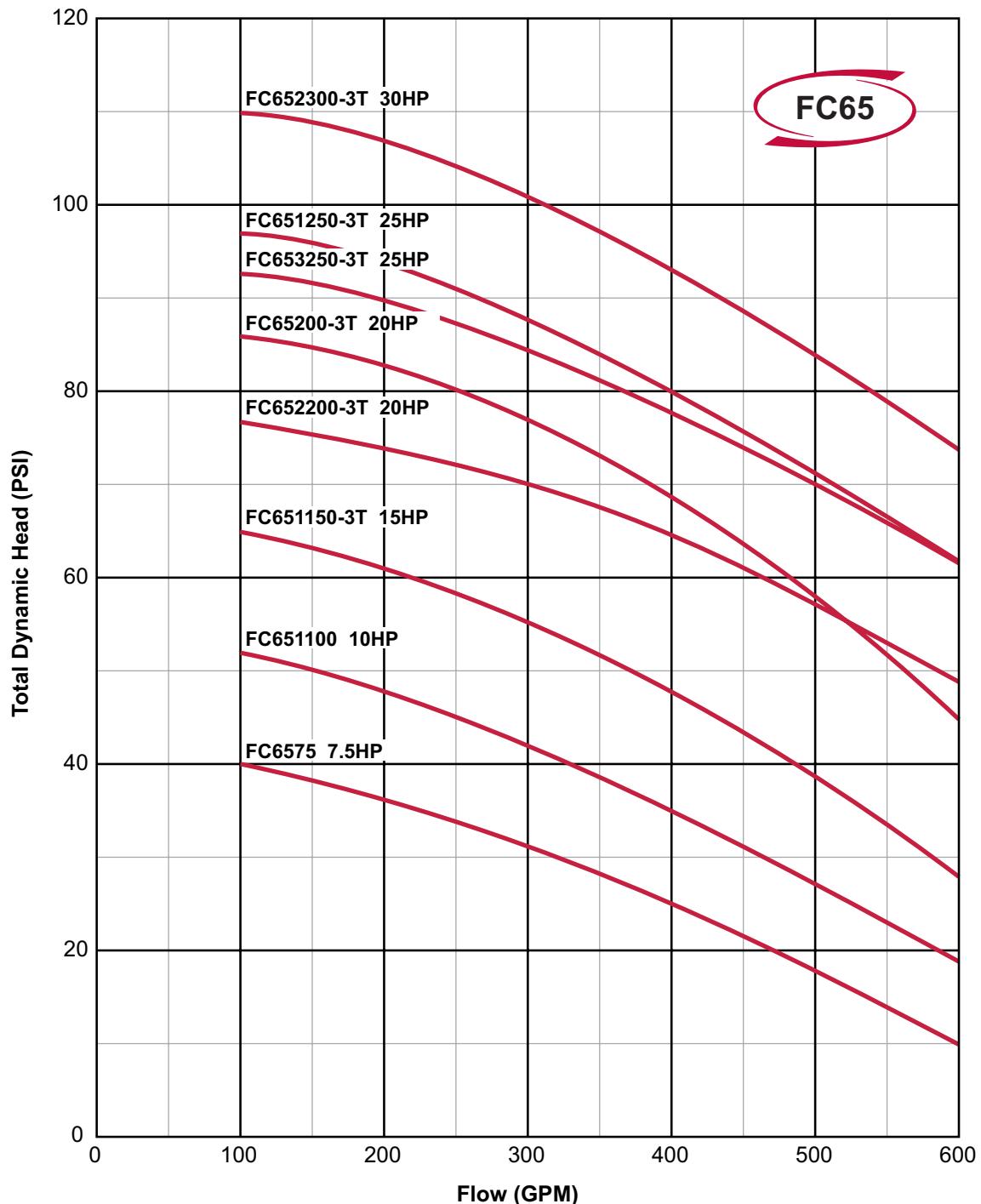
## FC SERIES GROUP CURVES

**FC** Series



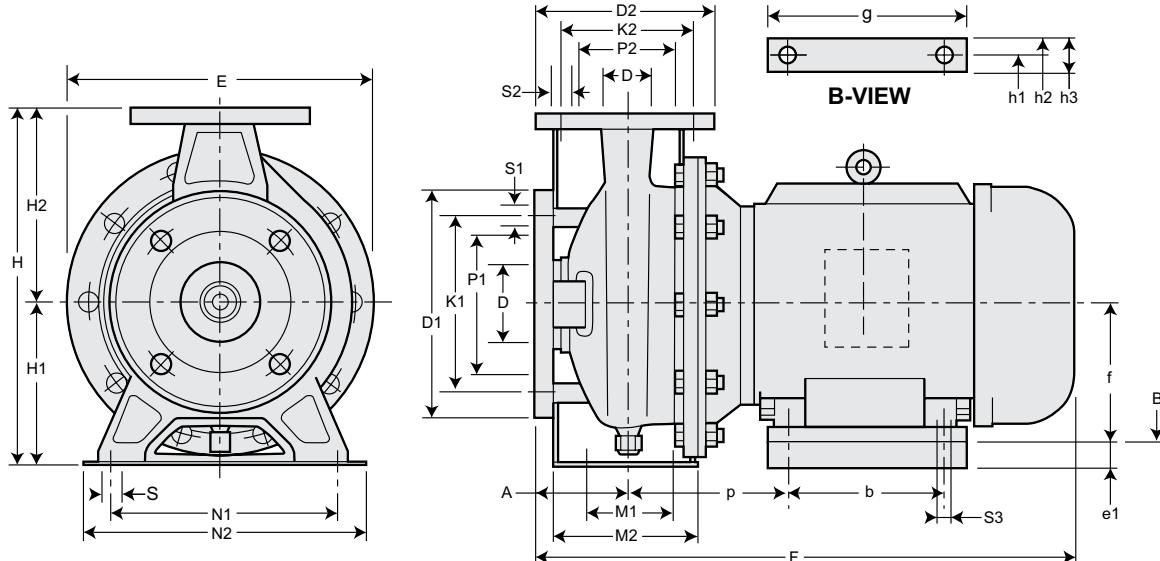
**FC** Series

## FC SERIES GROUP CURVES



## FC SERIES CENTRIFUGAL Dimensions

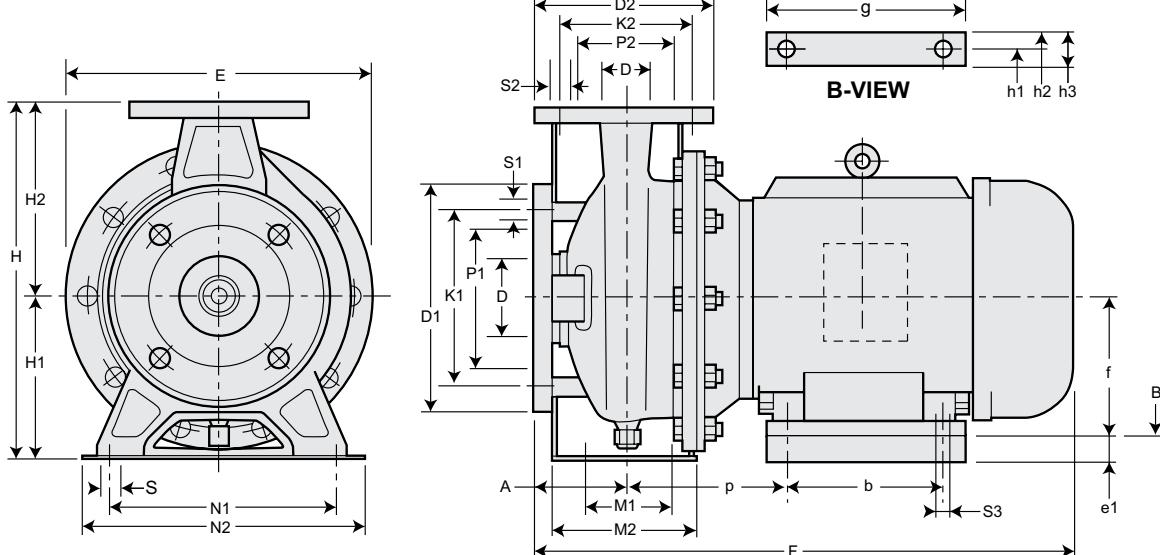
**FC** Series



| Model No.  | Suction Flange (In.) |        |         |        |       | Discharge Flange (In.) |       |         |       |       |
|------------|----------------------|--------|---------|--------|-------|------------------------|-------|---------|-------|-------|
|            | D                    | P1     | K1      | D1     | S1    | D                      | P2    | K2      | D2    | S2    |
| FC3230     | 2                    | 3 3/4  | 4 15/16 | 6 1/2  | 11/16 | 1 1/4                  | 2 1/2 | 3 1/2   | 5 1/2 | 5/8   |
| FC32A50    | 2                    | 3 3/4  | 4 15/16 | 6 1/2  | 11/16 | 1 1/4                  | 2 1/2 | 3 1/2   | 5 1/2 | 5/8   |
| FC32B50    | 2                    | 3 3/4  | 4 15/16 | 6 1/2  | 11/16 | 1 1/4                  | 2 1/2 | 3 1/2   | 5 1/2 | 5/8   |
| FC3275     | 2                    | 3 3/4  | 4 15/16 | 6 1/2  | 11/16 | 1 1/4                  | 2 1/2 | 3 1/2   | 5 1/2 | 5/8   |
| FC32100    | 2                    | 3 3/4  | 4 15/16 | 6 1/2  | 11/16 | 1 1/4                  | 2 1/2 | 3 1/2   | 5 1/2 | 5/8   |
| FC40A50    | 2 1/2                | 4 9/16 | 5 11/16 | 7 5/16 | 11/16 | 1 1/2                  | 2 7/8 | 3 7/8   | 5 7/8 | 5/8   |
| FC40B50    | 2 1/2                | 4 9/16 | 5 11/16 | 7 5/16 | 11/16 | 1 1/2                  | 2 7/8 | 3 7/8   | 5 7/8 | 5/8   |
| FC4075     | 2 1/2                | 4 9/16 | 5 11/16 | 7 5/16 | 11/16 | 1 1/2                  | 2 7/8 | 3 7/8   | 5 7/8 | 5/8   |
| FC40100    | 2 1/2                | 4 9/16 | 5 11/16 | 7 5/16 | 11/16 | 1 1/2                  | 2 7/8 | 3 7/8   | 5 7/8 | 5/8   |
| FC40A150-3 | 2 1/2                | 4 9/16 | 5 11/16 | 7 5/16 | 11/16 | 1 1/2                  | 2 7/8 | 3 7/8   | 5 7/8 | 5/8   |
| FC40B150-3 | 2 1/2                | 4 9/16 | 5 11/16 | 7 5/16 | 11/16 | 1 1/2                  | 2 7/8 | 3 7/8   | 5 7/8 | 5/8   |
| FC5075     | 2 1/2                | 4 9/16 | 5 11/16 | 7 5/16 | 11/16 | 2                      | 3 3/4 | 4 15/16 | 6 1/2 | 11/16 |
| FC501100   | 2 1/2                | 4 9/16 | 5 11/16 | 7 5/16 | 11/16 | 2                      | 3 3/4 | 4 15/16 | 6 1/2 | 11/16 |
| FC50100    | 2 1/2                | 4 9/16 | 5 11/16 | 7 5/16 | 11/16 | 2                      | 3 3/4 | 4 15/16 | 6 1/2 | 11/16 |
| FC50150-3  | 2 1/2                | 4 9/16 | 5 11/16 | 7 5/16 | 11/16 | 2                      | 3 3/4 | 4 15/16 | 6 1/2 | 11/16 |

**FC** Series

**FC SERIES CENTRIFUGAL**  
**Pump Dimensions**



| Model No.  | Pump Dimensions (in.) |         |         |        |        |       |         |        |         |      |
|------------|-----------------------|---------|---------|--------|--------|-------|---------|--------|---------|------|
|            | A                     | E       | H       | H1     | H2     | M1    | M2      | N1     | N2      | S    |
| FC3230     | 3 1/8                 | 8 3/8   | 9 15/16 | 4 7/16 | 5 1/2  | 2 3/4 | 4 1/2   | 5 1/2  | 7 1/2   | 9/16 |
| FC32A50    | 3 1/8                 | 10      | 11 1/2  | 5 3/16 | 6 5/16 | 2 3/4 | 4 5/8   | 7 1/2  | 9 7/16  | 9/16 |
| FC32B50    | 3 1/8                 | 10      | 11 1/2  | 5 3/16 | 6 5/16 | 2 3/4 | 4 5/8   | 7 1/2  | 9 7/16  | 9/16 |
| FC3275     | 3 1/8                 | 1 9/16  | 13 3/8  | 6 5/16 | 7 1/16 | 2 3/4 | 4 11/16 | 7 1/2  | 9 7/16  | 9/16 |
| FC32100    | 3 1/8                 | 1 9/16  | 13 3/8  | 6 5/16 | 7 1/16 | 2 3/4 | 4 11/16 | 7 1/2  | 9 7/16  | 9/16 |
| FC40A50    | 3 1/8                 | 8 3/8   | 9 15/16 | 4 7/16 | 5 1/2  | 2 3/4 | 4 1/2   | 6 5/16 | 8 1/4   | 9/16 |
| FC40B50    | 3 1/8                 | 8 3/8   | 9 15/16 | 4 7/16 | 5 1/2  | 2 3/4 | 4 1/2   | 6 5/16 | 8 1/4   | 9/16 |
| FC4075     | 3 1/8                 | 10      | 11 1/2  | 5 3/16 | 6 5/16 | 2 3/4 | 4 5/8   | 7 1/2  | 9 7/16  | 9/16 |
| FC40100    | 3 1/8                 | 10      | 11 1/2  | 5 3/16 | 6 5/16 | 2 3/4 | 4 5/8   | 7 1/2  | 9 7/16  | 9/16 |
| FC40A150-3 | 3 15/16               | 1 9/16  | 13 3/8  | 6 5/16 | 7 1/16 | 2 3/4 | 4 1/2   | 8 3/8  | 10 7/16 | 9/16 |
| FC40B150-3 | 3 15/16               | 1 9/16  | 13 3/8  | 6 5/16 | 7 1/16 | 2 3/4 | 4 1/2   | 8 3/8  | 10 7/16 | 9/16 |
| FC5075     | 3 15/16               | 10      | 11 1/2  | 5 3/16 | 6 5/16 | 2 3/4 | 4 1/2   | 7 1/2  | 9 7/16  | 9/16 |
| FC501100   | 3 15/16               | 10      | 11 1/2  | 5 3/16 | 6 5/16 | 2 3/4 | 4 1/2   | 7 1/2  | 9 7/16  | 9/16 |
| FC50100    | 3 15/16               | 1 11/16 | 13 3/8  | 6 5/16 | 7 1/16 | 2 3/4 | 4 1/2   | 8 3/8  | 10 7/16 | 9/16 |
| FC50150-3  | 3 15/16               | 1 11/16 | 13 3/8  | 6 5/16 | 7 1/16 | 2 3/4 | 4 1/2   | 8 3/8  | 10 7/16 | 9/16 |



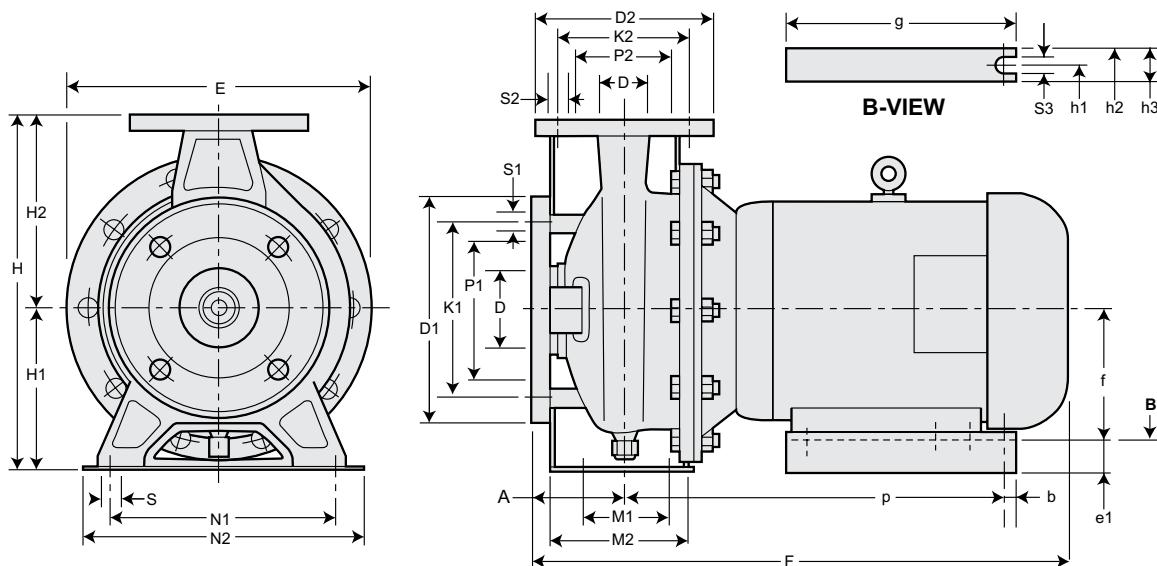
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## FC SERIES CENTRIFUGAL Motor Dimensions

**FC** Series

| Model No.  | NEMA Frame | Motor Dimensions (in.) |         |       |         |       |       |    |        |       |          |
|------------|------------|------------------------|---------|-------|---------|-------|-------|----|--------|-------|----------|
|            |            | b                      | e1      | f     | g       | h1    | h2    | h3 | p      | S3    | F        |
| FC3230     | 145JM      | 5                      | 15/16   | 3 1/2 | 5 15/16 | 5 1/2 | 6 1/2 | 1  | 6 9/16 | 11/32 | 18 15/16 |
| FC3230     | 182JM      | 4 1/2                  | -1/16   | 4 1/2 | 6 1/2   | 7 1/2 | 8 1/2 | 1  | 7 3/16 | 13/32 | 19 3/16  |
| FC32A50    | 182JM      | 4 1/2                  | 11/16   | 4 1/2 | 6 1/2   | 7 1/2 | 8 1/2 | 1  | 7 3/16 | 13/32 | 19 3/16  |
| FC32A50    | 184JM      | 5 1/2                  | 11/16   | 4 1/2 | 6 1/2   | 7 1/2 | 8 1/2 | 1  | 7 3/16 | 13/32 | 20 5/8   |
| FC32B50    | 182JM      | 4 1/2                  | 11/16   | 4 1/2 | 6 1/2   | 7 1/2 | 8 1/2 | 1  | 7 3/16 | 13/32 | 19 3/16  |
| FC32B50    | 184JM      | 5 1/2                  | 11/16   | 4 1/2 | 6 1/2   | 7 1/2 | 8 1/2 | 1  | 7 3/16 | 13/32 | 20 5/8   |
| FC3275     | 184JM      | 5 1/2                  | 1 13/16 | 4 1/2 | 6 1/2   | 7 1/2 | 8 1/2 | 1  | 7 3/16 | 13/32 | 22 1/8   |
| FC3275     | 213JM      | 5 1/2                  | 1 1/16  | 5 1/4 | 8       | 8 1/2 | 9 1/2 | 1  | 8 3/16 | 13/32 | 20 3/4   |
| FC32100    | 213JM      | 5 1/2                  | 1 1/16  | 5 1/4 | 8       | 8 1/2 | 9 1/2 | 1  | 8 3/16 | 13/32 | 20 3/4   |
| FC32100    | 215JM      | 7                      | 1 1/16  | 5 1/4 | 8       | 8 1/2 | 9 1/2 | 1  | 8 3/16 | 13/32 | 21 7/8   |
| FC40A50    | 182JM      | 4 1/2                  | -1/16   | 4 1/2 | 6 1/2   | 7 1/2 | 8 1/2 | 1  | 7 3/16 | 13/32 | 19 3/16  |
| FC40A50    | 184JM      | 5 1/2                  | -1/16   | 4 1/2 | 6 1/2   | 7 1/2 | 8 1/2 | 1  | 7 3/16 | 13/32 | 20 3/4   |
| FC40B50    | 182JM      | 4 1/2                  | -1/16   | 4 1/2 | 6 1/2   | 7 1/2 | 8 1/2 | 1  | 7 3/16 | 13/32 | 19 3/16  |
| FC40B50    | 184JM      | 5 1/2                  | -1/16   | 4 1/2 | 6 1/2   | 7 1/2 | 8 1/2 | 1  | 7 3/16 | 13/32 | 20 3/4   |
| FC4075     | 184JM      | 5 1/2                  | 11/16   | 4 1/2 | 6 1/2   | 7 1/2 | 8 1/2 | 1  | 7 3/16 | 13/32 | 22 1/8   |
| FC4075     | 213JM      | 5 1/2                  | -1/16   | 5 1/4 | 8       | 8 1/2 | 9 1/2 | 1  | 8 3/16 | 13/32 | 20 3/4   |
| FC40100    | 213JM      | 5 1/2                  | -1/16   | 5 1/4 | 8       | 8 1/2 | 9 1/2 | 1  | 8 3/16 | 13/32 | 20 3/4   |
| FC40100    | 215JM      | 7                      | -1/16   | 5 1/4 | 8       | 8 1/2 | 9 1/2 | 1  | 8 3/16 | 13/32 | 21 7/8   |
| FC40A150-3 | 215JM      | 7                      | 1 1/16  | 5 1/4 | 8       | 8 1/2 | 9 1/2 | 1  | 8 3/16 | 13/32 | 22 11/16 |
| FC40B150-3 | 215JM      | 7                      | 1 1/16  | 5 1/4 | 8       | 8 1/2 | 9 1/2 | 1  | 8 3/16 | 13/32 | 22 11/16 |
| FC5075     | 184JM      | 5 1/2                  | 11/16   | 4 1/2 | 6 1/2   | 7 1/2 | 8 1/2 | 1  | 7 3/16 | 13/32 | 22 15/16 |
| FC5075     | 213JM      | 5 1/2                  | -1/16   | 5 1/4 | 8       | 8 1/2 | 9 1/2 | 1  | 8 3/16 | 13/32 | 21 9/16  |
| FC501100   | 213JM      | 5 1/2                  | -1/16   | 5 1/4 | 8       | 8 1/2 | 9 1/2 | 1  | 8 3/16 | 13/32 | 21 9/16  |
| FC501100   | 215JM      | 7                      | -1/16   | 5 1/4 | 8       | 8 1/2 | 9 1/2 | 1  | 8 3/16 | 13/32 | 22 11/16 |
| FC50100    | 213JM      | 5 1/2                  | 1 1/16  | 5 1/4 | 8       | 8 1/2 | 9 1/2 | 1  | 8 3/16 | 13/32 | 21 9/16  |
| FC50100    | 215JM      | 7                      | 1 1/16  | 5 1/4 | 8       | 8 1/2 | 9 1/2 | 1  | 8 3/16 | 13/32 | 22 11/16 |
| FC50150-3  | 215JM      | 7                      | 1 1/16  | 5 1/4 | 8       | 8 1/2 | 9 1/2 | 1  | 8 3/16 | 13/32 | 22 11/16 |

**FC** Series

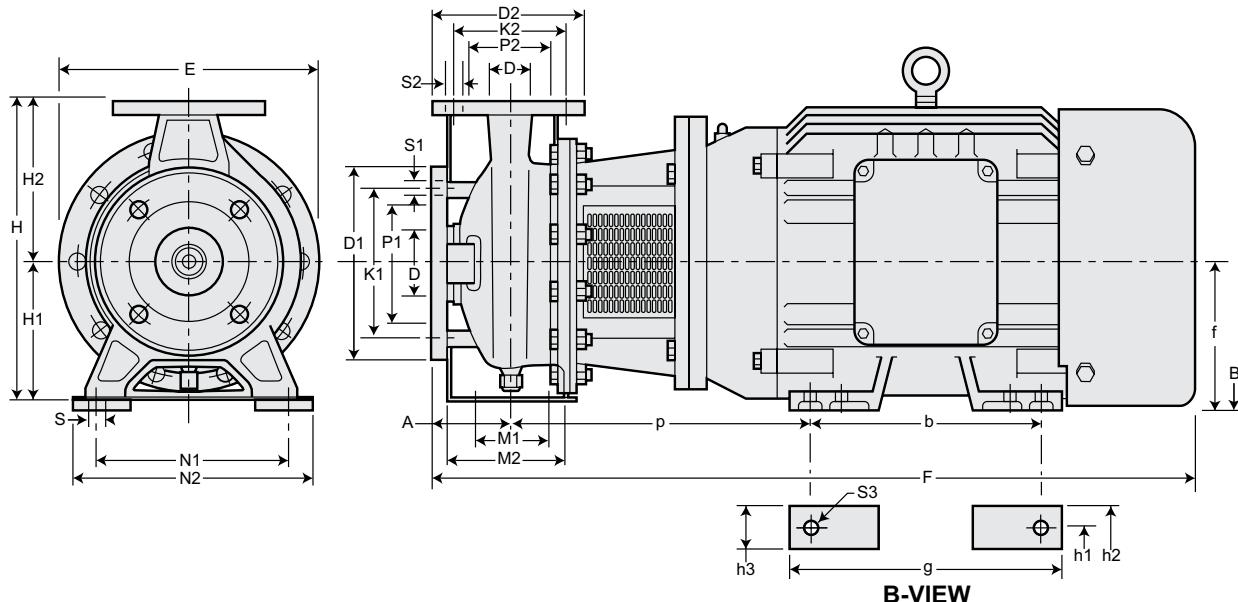
**FC SERIES CENTRIFUGAL**  
**Pump and Motor Dimensions**


| Model No.  | Suction Flange (in.) |       |    |       |       | Discharge Flange (in.) |       |         |        |       |
|------------|----------------------|-------|----|-------|-------|------------------------|-------|---------|--------|-------|
|            | D                    | P1    | K1 | D1    | S1    | D                      | P2    | K2      | D2     | S2    |
| FC6575     | 3 3/16               | 5 1/4 | 6  | 7 7/8 | 11/16 | 2 9/16                 | 4 1/2 | 5 11/16 | 7 5/16 | 11/16 |
| FC651100   | 3 3/16               | 5 1/4 | 6  | 7 7/8 | 11/16 | 2 9/16                 | 4 1/2 | 5 11/16 | 7 5/16 | 11/16 |
| FC651150-3 | 3 3/16               | 5 1/4 | 6  | 7 7/8 | 11/16 | 2 9/16                 | 4 1/2 | 5 11/16 | 7 5/16 | 11/16 |

| Model No.  | Pump Dimensions (in.) |        |         |        |        |       |       |       |    |      |
|------------|-----------------------|--------|---------|--------|--------|-------|-------|-------|----|------|
|            | A                     | E      | H       | H1     | H2     | M1    | M2    | N1    | N2 | S    |
| FC6575     | 3 15/16               | 10     | 13 3/8  | 6 5/16 | 7 1/16 | 3 3/4 | 5 1/2 | 8 3/8 | 11 | 9/16 |
| FC651100   | 3 15/16               | 10     | 13 3/8  | 6 5/16 | 7 1/16 | 3 3/4 | 5 1/2 | 8 3/8 | 11 | 9/16 |
| FC651150-3 | 3 15/16               | 11 5/8 | 14 3/16 | 6 5/16 | 7 7/8  | 3 3/4 | 5 1/2 | 8 3/8 | 11 | 9/16 |

| Model No.  | NEMA Frame | Motor Dimensions (in.) |        |       |        |       |        |       |         |     |         |
|------------|------------|------------------------|--------|-------|--------|-------|--------|-------|---------|-----|---------|
|            |            | b                      | e1     | f     | g      | h1    | h2     | h3    | p       | s3  | F       |
| FC6575     | 213JM      | 9/16                   | 1 1/16 | 5 1/4 | 9 9/16 | 8 1/2 | 10 1/4 | 1 3/4 | 16 9/16 | 1/2 | 23 3/16 |
| FC651100   | 215JM      | 9/16                   | 1 1/16 | 5 1/4 | 9 9/16 | 8 1/2 | 10 1/4 | 1 3/4 | 16 9/16 | 1/2 | 23 3/16 |
| FC651150-3 | 215JM      | 9/16                   | 1 1/16 | 5 1/4 | 9 9/16 | 8 1/2 | 10 1/4 | 1 3/4 | 16 9/16 | 1/2 | 23 3/16 |

## FC SERIES CENTRIFUGAL Pump and Motor Dimensions

**FC** Series


| Model No.   | Suction Flange (in.) |       |    |       |       | Discharge Flange (in.) |       |         |        |       |
|-------------|----------------------|-------|----|-------|-------|------------------------|-------|---------|--------|-------|
|             | D                    | P1    | K1 | D1    | S1    | D                      | P2    | K2      | D2     | S2    |
| FC652200-3T | 3 3/16               | 5 1/4 | 6  | 7 7/8 | 11/16 | 2 9/16                 | 4 1/2 | 5 11/16 | 7 5/16 | 11/16 |
| FC65200-3T  | 3 3/16               | 5 1/4 | 6  | 7 7/8 | 11/16 | 2 9/16                 | 4 1/2 | 5 11/16 | 7 5/16 | 11/16 |
| FC653250-3T | 3 3/16               | 5 1/4 | 6  | 7 7/8 | 11/16 | 2 9/16                 | 4 1/2 | 5 11/16 | 7 5/16 | 11/16 |
| FC651250-3T | 3 3/16               | 5 1/4 | 6  | 7 7/8 | 11/16 | 2 9/16                 | 4 1/2 | 5 11/16 | 7 5/16 | 11/16 |
| FC652300-3T | 3 3/16               | 5 1/4 | 6  | 7 7/8 | 11/16 | 2 9/16                 | 4 1/2 | 5 11/16 | 7 5/16 | 11/16 |

| Pump Dimensions in.) |        |          |        |       |       |         |         |        |      |
|----------------------|--------|----------|--------|-------|-------|---------|---------|--------|------|
| A                    | E      | H        | H1     | H2    | M1    | M2      | N1      | N2     | S    |
| 3 15/16              | 11 5/8 | 14 3/16  | 6 5/16 | 7 7/8 | 3 3/4 | 5 1/2   | 8 3/8   | 11     | 9/16 |
| 3 15/16              | 11 5/8 | 15 15/16 | 7 1/16 | 8 7/8 | 3 3/4 | 5 1/2   | 9 13/16 | 12 5/8 | 9/16 |
| 3 15/16              | 11 5/8 | 14 7/8   | 6 5/16 | 7 7/8 | 3 3/4 | 4 15/16 | 8 3/8   | 11 1/8 | 9/16 |
| 3 15/16              | 11 5/8 | 15 15/16 | 7 1/16 | 8 7/8 | 3 3/4 | 5 1/2   | 9 13/16 | 12 5/8 | 9/16 |
| 3 15/16              | 11 5/8 | 15 15/16 | 7 1/16 | 8 7/8 | 3 3/4 | 5 1/2   | 9 13/16 | 12 5/8 | 9/16 |

| Model No.   | NEMA Frame | Motor Dimensions (in.) |       |          |    |          |         |          |       |        |
|-------------|------------|------------------------|-------|----------|----|----------|---------|----------|-------|--------|
|             |            | b                      | f     | g        | h1 | h2       | h3      | p        | S3    | F      |
| FC652200-3T | 256TC      | 10                     | 6 1/4 | 11 5/8   | 10 | 12 3/8   | 2 3/8   | 13 13/16 | 17/32 | 32 3/8 |
| FC65200-3T  | 256TC      | 10                     | 6 1/4 | 13 9/16  | 10 | 12 3/8   | 2 3/8   | 25 13/16 | 17/32 | 32 3/8 |
| FC653250-3T | 284TSC     | 11                     | 7     | 12 13/16 | 11 | 12 3/4   | -       | 13 7/8   | 17/32 | 36     |
| FC651250-3T | 284TSC     | 11                     | 7     | 13       | 11 | 12 15/16 | 1 15/16 | 13 7/8   | 17/32 | 36     |
| FC652300-3T | 286TSC     | 11                     | 7     | 13       | 11 | 12 15/16 | 1 15/16 | 13 7/8   | 17/32 | 36     |



*There when you need us most*

## NOTES

## TC SERIES CENTRIFUGAL PUMPS

### Stainless Steel Centrifugal Pumps

#### TC Series

The rugged TC Series pumps are corrosion and erosion resistant making them a dependable choice for continuous duty service.

The quality and performance you expect, along with industry best lead times and personalized service, only from Webtrol!



#### Features and Benefits

- 304 stainless steel pump
- Close coupled design
- Centerline discharge
- Back pullout design allows for ease of servicing
- High operating efficiencies
- Mechanical seals and case o-rings are made of high quality materials

#### Performance

HP Range: .5 to 3 HP, 60Hz

Capacities to 100 GPM

Pressures to 63 PSI

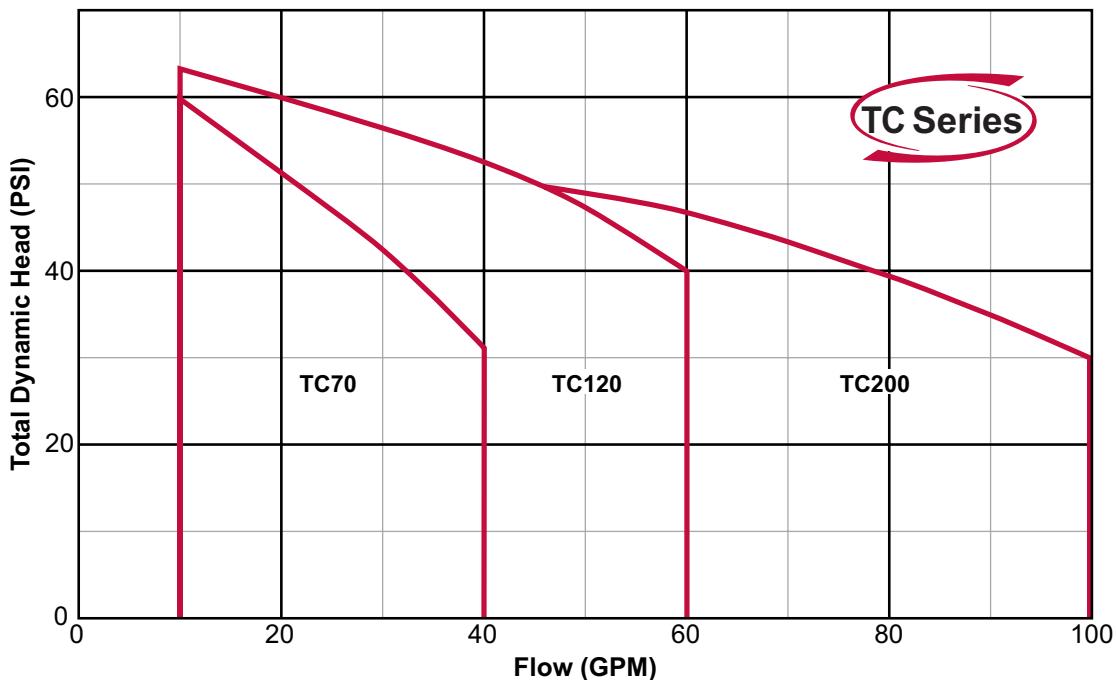
Temperatures to 212 °F

#### Typical Services

- Pressure Boosting
- Ultrapure Water Systems
- Deionized Systems
- Distribution Systems
- Pharmaceutical Services
- Water Reclamation
- Sprinkler & Irrigation
- General Pump Applications
- Beverage Processing
- Parts Washers
- Cooling Towers
- Jockey Pump
- Liquid Transfer
- Heat Exchangers
- Car Wash
- Spray systems
- Scrubbers
- Poultry

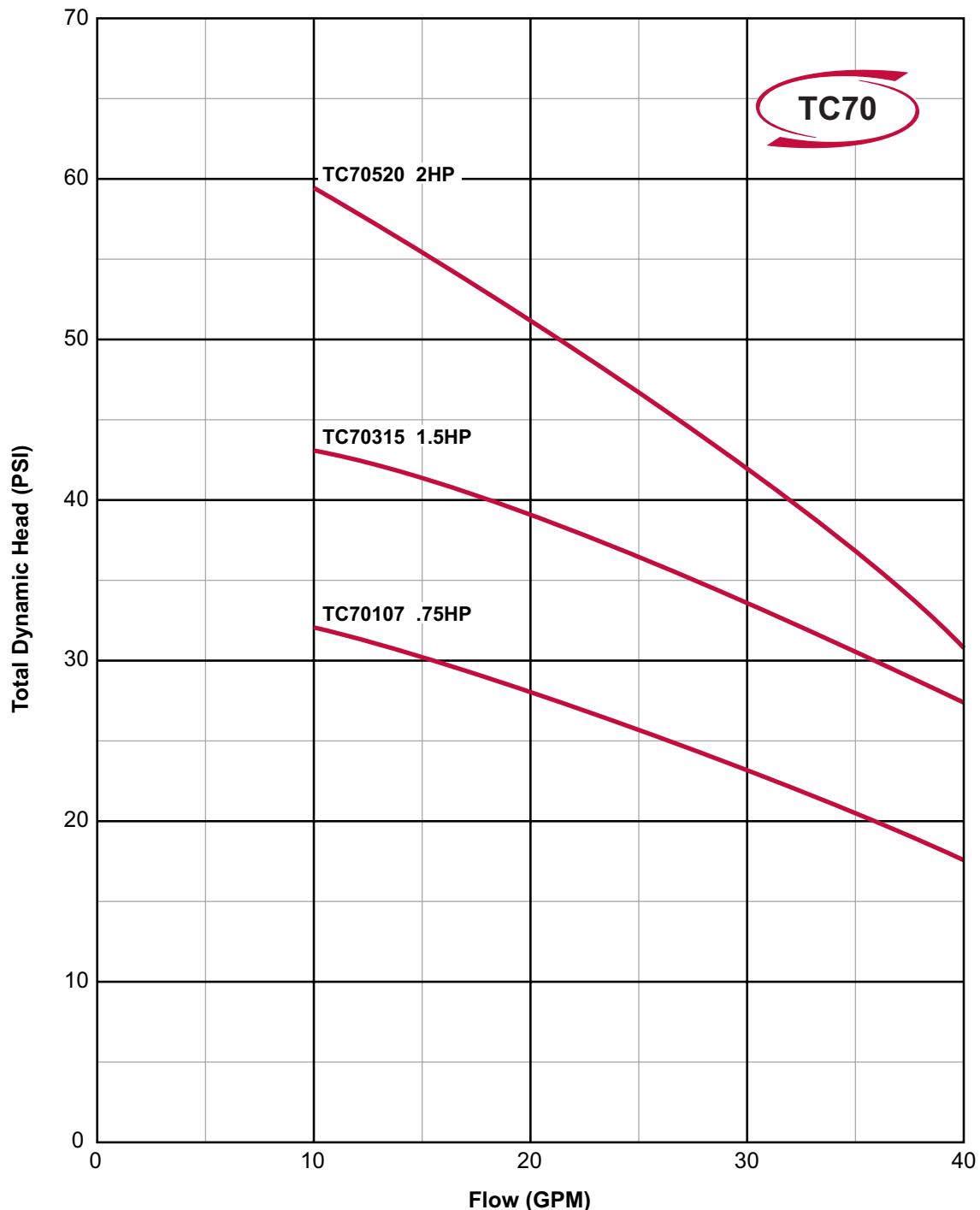
## TC Series

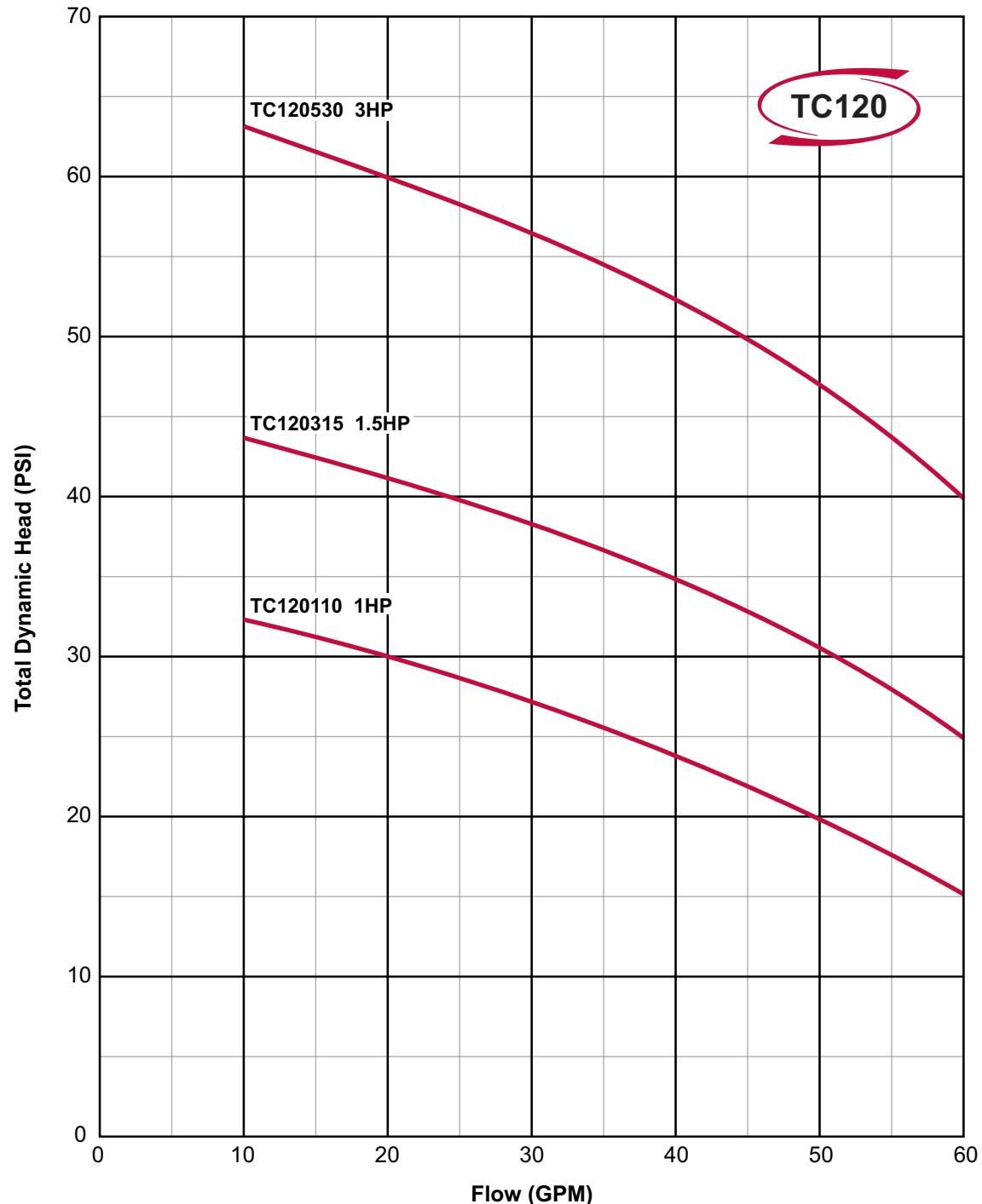
## TC SERIES FAMILY CURVES

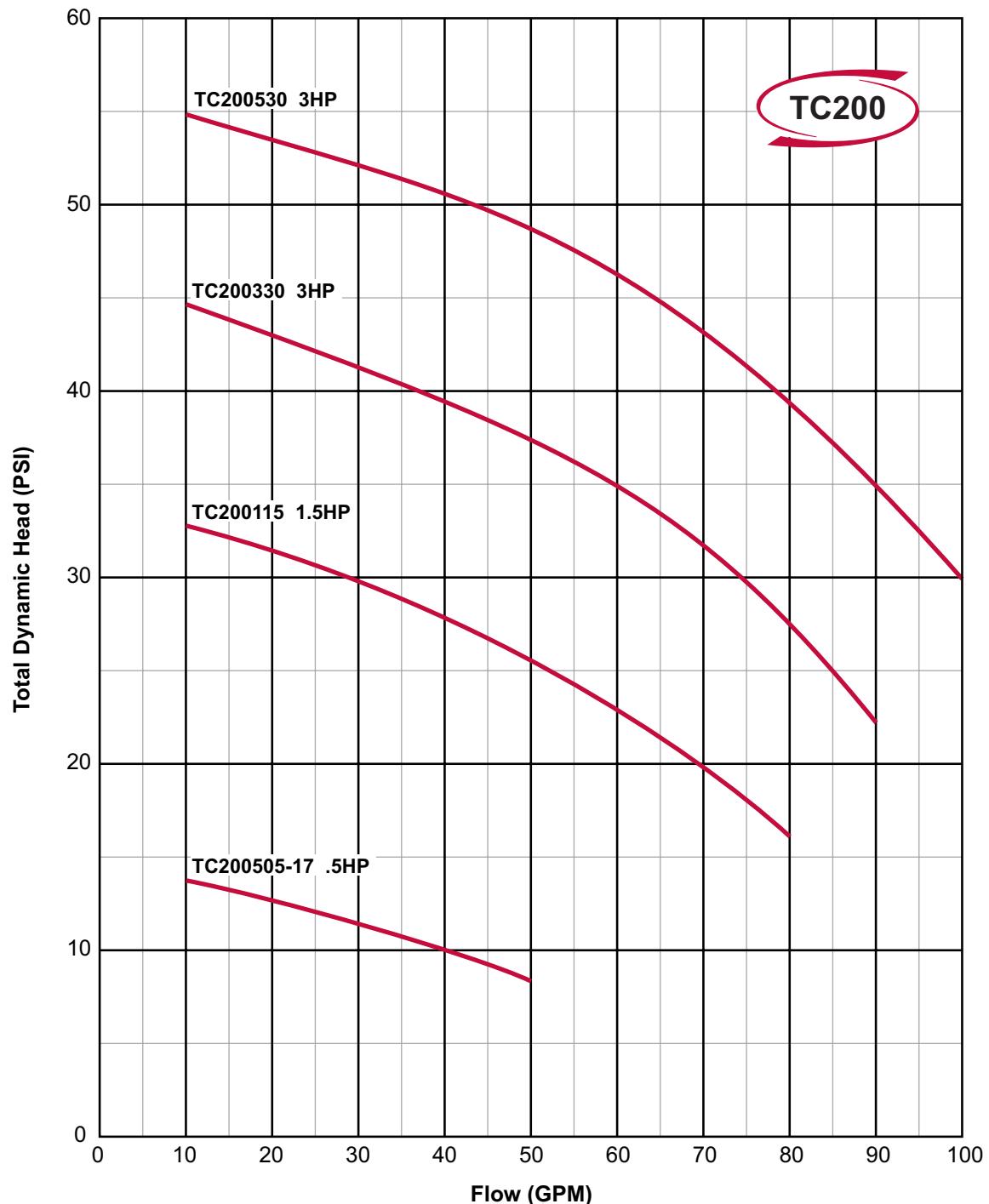


| Suction and Discharge Sizes |           |           |
|-----------------------------|-----------|-----------|
| Model No.                   | Suction   | Discharge |
| TC70                        | 1.25" NPT | 1" NPT    |
| TC120                       | 1.25" NPT | 1" NPT    |
| TC200                       | 1.5" NPT  | 1" NPT    |

| CONSTRUCTION MATERIALS |                       |
|------------------------|-----------------------|
| Part                   | Material              |
| Casing                 | 304 SS                |
| Impeller               | 304 SS                |
| Shaft                  | Stainless             |
| Mechanical Seal        | Carbon/Ceramic Viton™ |

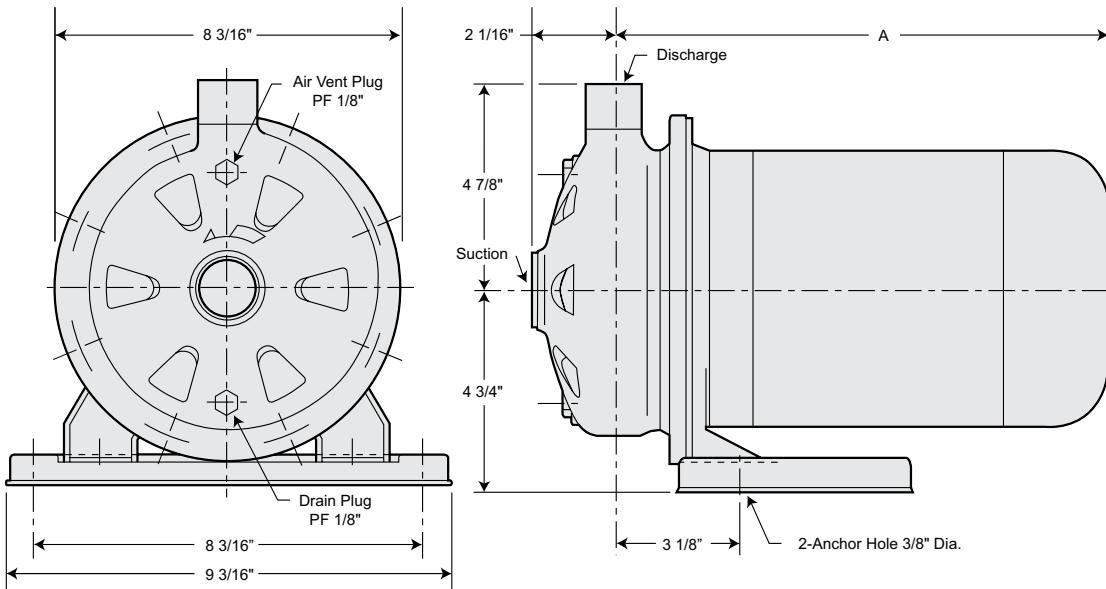
**TC SERIES GROUP CURVES****TC Series**

**TC Series****TC SERIES GROUP CURVES**

**TC SERIES GROUP CURVES****TC Series**

**TC Series**

## TC SERIES CENTRIFUGAL Pump and Motor Dimensions



| Model No. | Discharge / Suction/Imp. (inch-NPTF) | "A" Dimension | Single Phase Unit Weight (lbs.) |      | Three Phase Unit Weight (lbs.) |      |
|-----------|--------------------------------------|---------------|---------------------------------|------|--------------------------------|------|
|           |                                      |               | ODP                             | TEFC | ODP                            | TEFC |
| TC70107   | 1" x 1.25" x 4.5"                    | 13.125"       | 36                              | 41   | 31                             | 31   |
| TC70315   | 1" x 1.25" x 5.1875"                 | 13.5625"      | 47                              | 50   | 39                             | 39   |
| TC70520   | 1" x 1.25" x 6.1875"                 | 14.4375"      | 51                              | 58   | 44                             | 48   |
| TC120110  | 1" x 1.25" x 4.5"                    | 13.5625"      | 41                              | 46   | 33                             | 32   |
| TC120315  | 1" x 1.25" x 5.1875"                 | 13.5625"      | 47                              | 50   | 39                             | 39   |
| TC120530  | 1" x 1.25" x 6.1875"                 | 14.4375"      | 59                              | 66   | 51                             | 60   |
| TC200115  | 1" x 1.5" x 4.5"                     | 13.5625"      | 47                              | 50   | 39                             | 39   |
| TC200330  | 1" x 1.5" x 5.1875"                  | 14.4375"      | 58                              | 65   | 50                             | 59   |
| TC200530  | 1" x 1.5" x 6.1875"                  | 14.4375"      | 58                              | 65   | 50                             | 59   |

## 2TC SERIES 2 STAGE PUMPS

### High Head Stainless Steel Centrifugal Pumps

# 2TC Series

The 2TC Series pumps are engineered for applications that require higher head. These 2 stage pumps deliver smooth steady performance for a variety of industrial, commercial, and agricultural applications.

The quality and performance you expect, along with industry best lead times and personalized service, only from Webtrol!



#### Features and Benefits

- 304 stainless steel pump case, motor bracket and impeller
- Close coupled design
- Centerline discharge
- Non-overloading motor rated for continuous duty
- High operating efficiency
- Back pullout design allows for ease of servicing
- Mechanical seal for maximum reliability

#### Performance

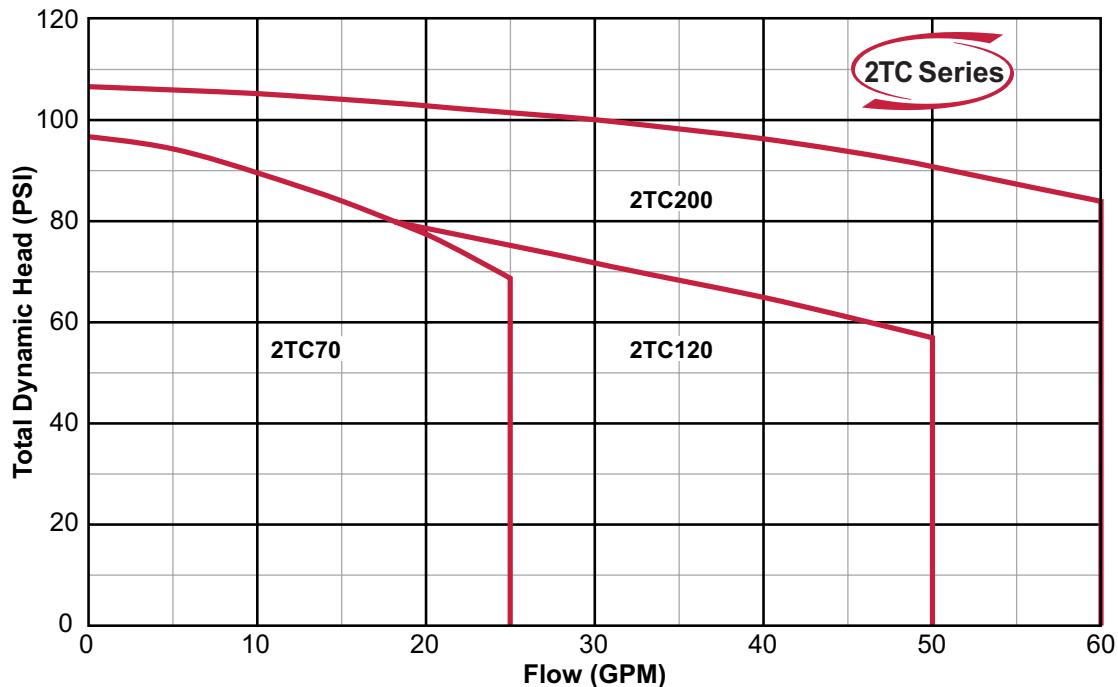
HP Range: 2 to 5 HP, 60Hz  
Capacities to 65 GPM  
Pressures to 107 PSI  
Temperature to 212 °F

#### Typical Services

|                           |                            |
|---------------------------|----------------------------|
| • Deionized Systems       | • Circulation Systems      |
| • Reverse Osmosis Systems | • Pre-Filter Charge System |
| • Distribution Systems    | • Condensation Systems     |
| • Car Wash Systems        | • Cooling Tower Systems    |
| • Liquid Transfer Systems |                            |

**2TC Series**

## 2TC SERIES FAMILY CURVES

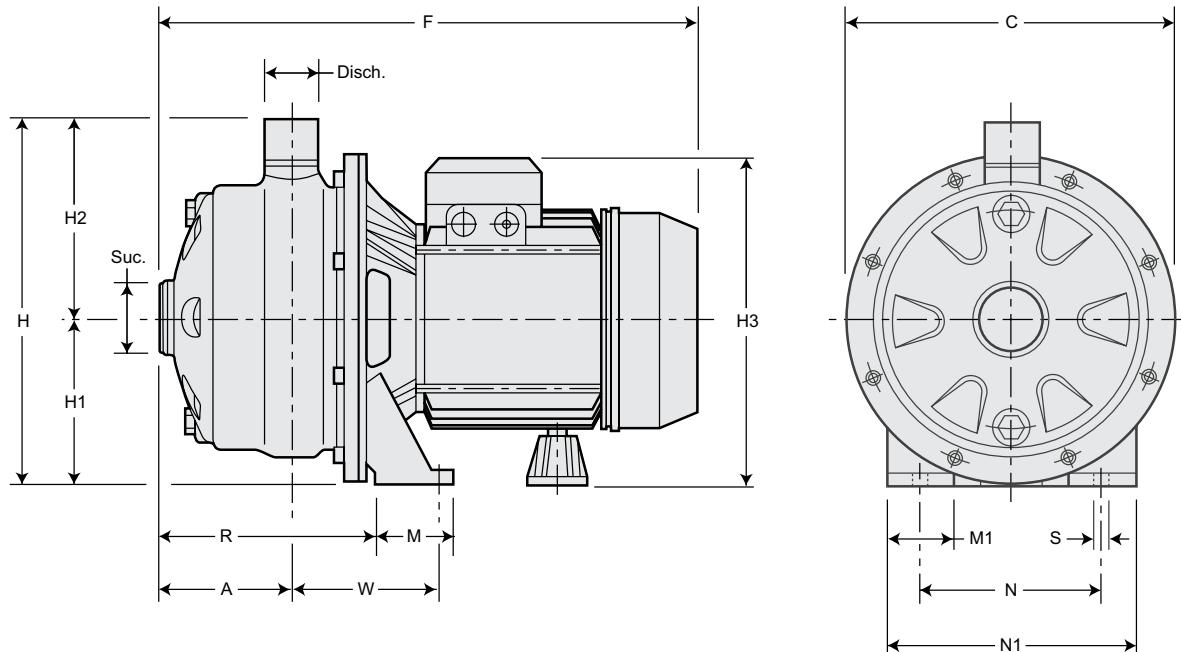


### CONSTRUCTION MATERIALS

| Part            | Material              |
|-----------------|-----------------------|
| Casing          | 304L SS               |
| Impeller        | 304L SS               |
| Shaft           | 304L SS               |
| Bracket         | Aluminum or Cast Iron |
| Mechanical Seal | Carbon/Ceramic        |

## 2TC SERIES Pump and Motor Dimensions

**2TC Series**



| Model No. | Disch./Suc. Frame | Dimensions (in.) |        |        |         |        |        |        |        |        |        |        |        |        |       |        |          |
|-----------|-------------------|------------------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|----------|
|           |                   | HP               | A      | C      | F       | H      | H1     | H2     | H3     | M      | M1     | N      | N1     | R      | S     | W      | Wt. Lbs. |
| 2TC7020   | 1" x 1.25"        | 2                | 3.4375 | 9.125  | 14.9375 | 9.1875 | 4.625  | 5.1875 | 8.875  | 2.1875 | 1.5625 | 5.50   | 7.0625 | 5.50   | 0.375 | 3.75   | 42       |
| 2TC7030   | 1" x 1.25"        | 3                | 3.4375 | 9.125  | 14.9375 | 9.8125 | 4.625  | 5.1875 | 8.875  | 2.1875 | 1.5625 | 5.50   | 7.0625 | 5.50   | 0.375 | 3.75   | 44       |
| 2TC12030  | 1" x 1.25"        | 3                | 3.4375 | 8.1875 | 14.9375 | 9.0625 | 4.1875 | 4.875  | 8.4375 | 2.1875 | 1.5625 | 5.50   | 7.0625 | 5.50   | 0.375 | 3.75   | 35       |
| 2TC20050  | 1" x 1.5"         | 5.5              | 3.4375 | 9.125  | 17.375  | 9.1875 | 4.625  | 5.1875 | 9.5625 | 2.6875 | 1.9375 | 6.9375 | 1.9375 | 5.6875 | 0.50  | 4.3175 | 71       |



*There when you need us most*

## NOTES

## ME SERIES CENTRIFUGAL PUMPS

### Stainless Steel Multistage Centrifugal Pumps

# ME Series

The ME Series pumps are compact, quiet, and corrosion resistant making them a dependable choice for continuous duty service.

The quality and performance you expect, along with industry best lead times and personalized service, only from Webtrol!



#### Features and Benefits

- 316 stainless steel pump
- Close coupled design
- Easy access fill plug sealed with o-ring
- Centerline discharge
- Back pullout design allows for ease of servicing
- NPT(F) suction and outlet ports

#### Performance

HP Range: .5 to 5 HP, 60Hz

Capacities to 140 GPM

Pressures to 160 PSI

Temperatures to 220 °F

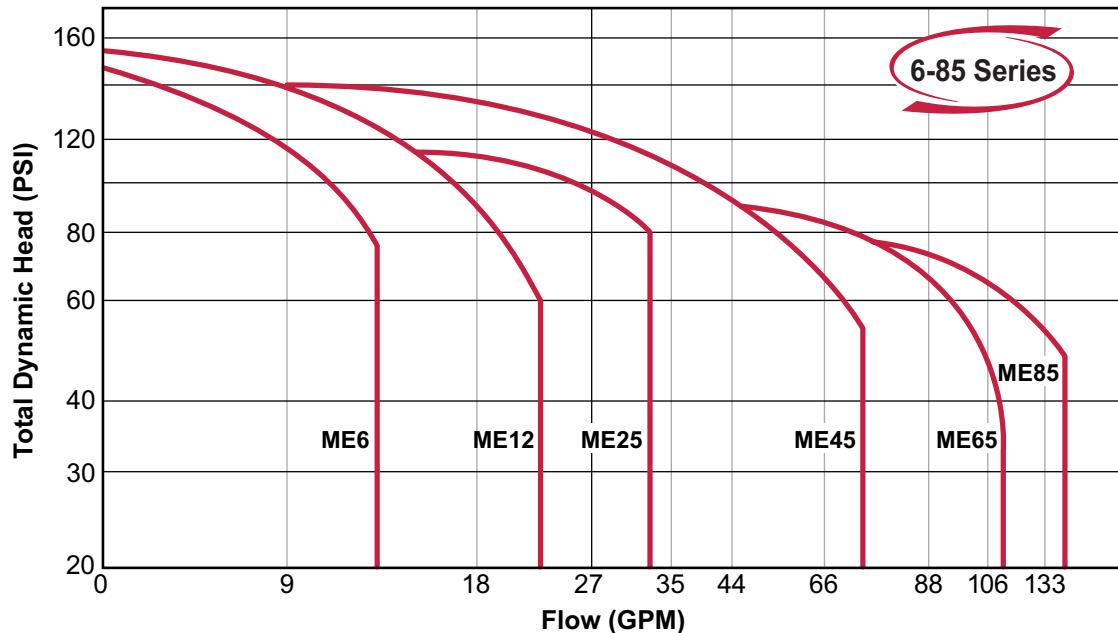
Viscosity to 1.00 cP

#### Typical Services

- Pressure Boosting
- Ultrapure Water Systems
- Deionized Systems
- Distribution Systems
- Pharmaceutical Services
- Water Reclamation
- Sprinkler & Irrigation
- General Pump Applications
- Beverage Processing
- Parts Washers
- Cooling Towers
- Liquid Transfer
- Heat Exchangers
- Car Washes
- Spray Systems
- Scrubbers
- Poultry Farming

## ME Series

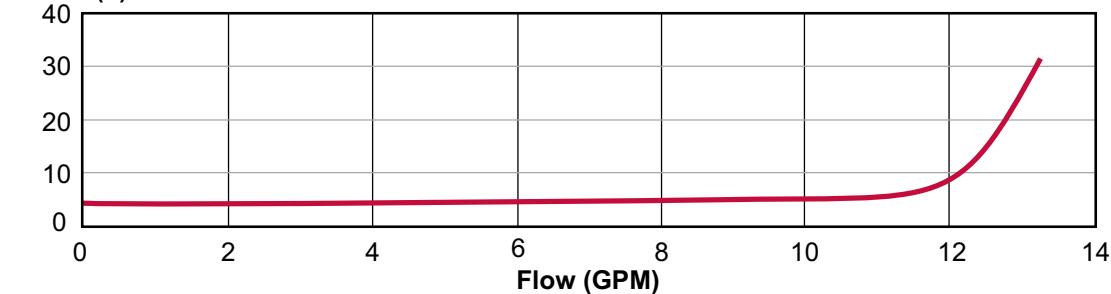
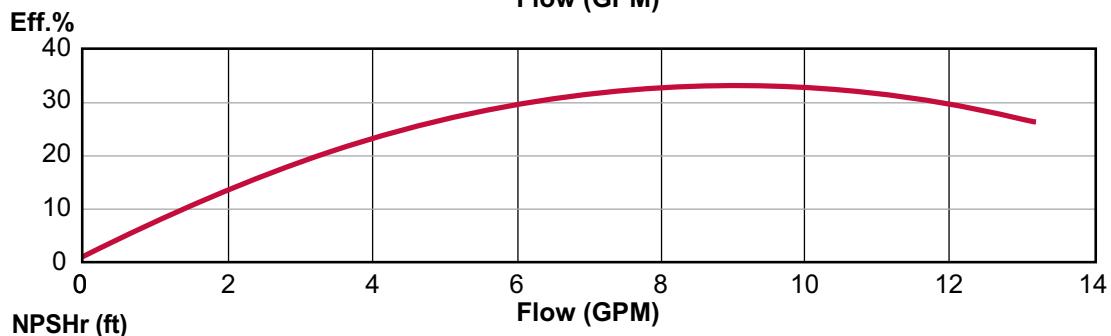
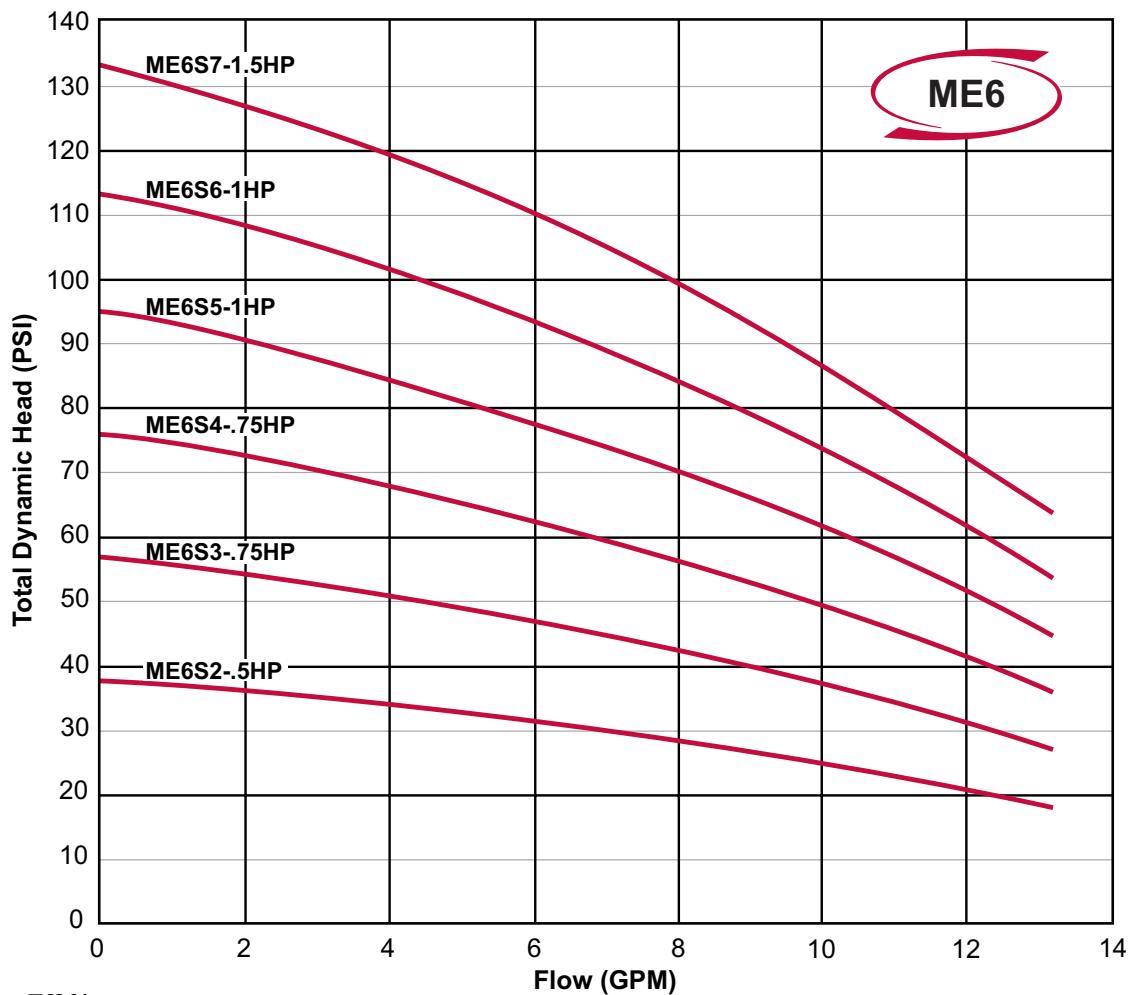
## ME SERIES FAMILY CURVES



| CONSTRUCTION MATERIALS |                      |
|------------------------|----------------------|
| Part                   | Material             |
| Casing                 | 316 SS               |
| Impeller               | 316 SS               |
| Shaft                  | Stainless            |
| Mechanical Seal        | Carbon/Ceramic Viton |

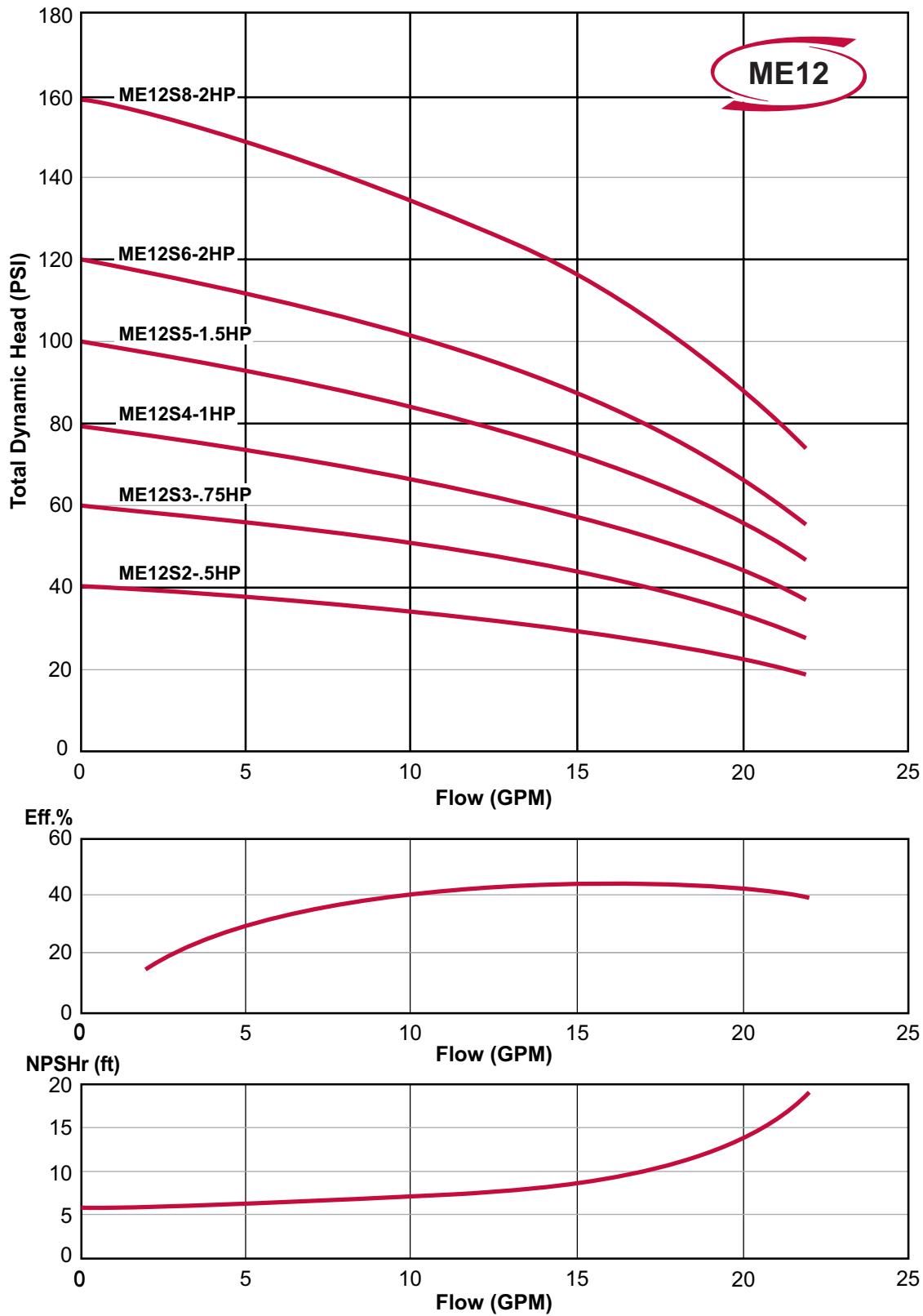
## ME SERIES Group Curves

**ME**Series



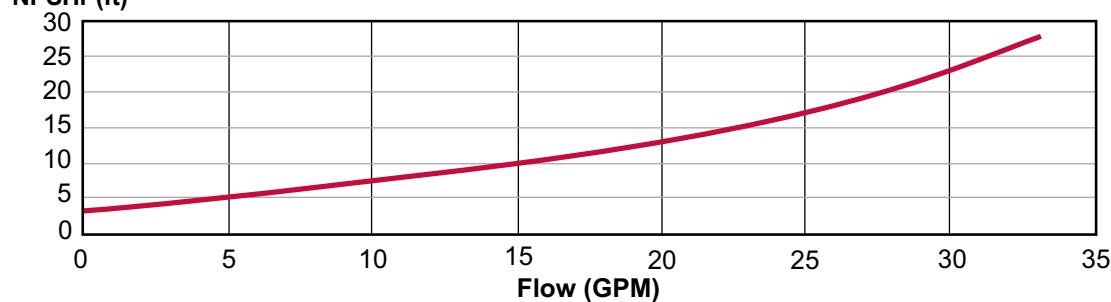
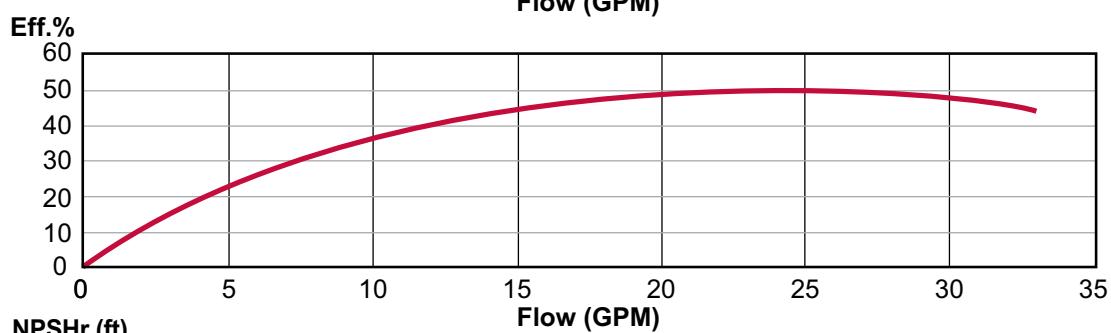
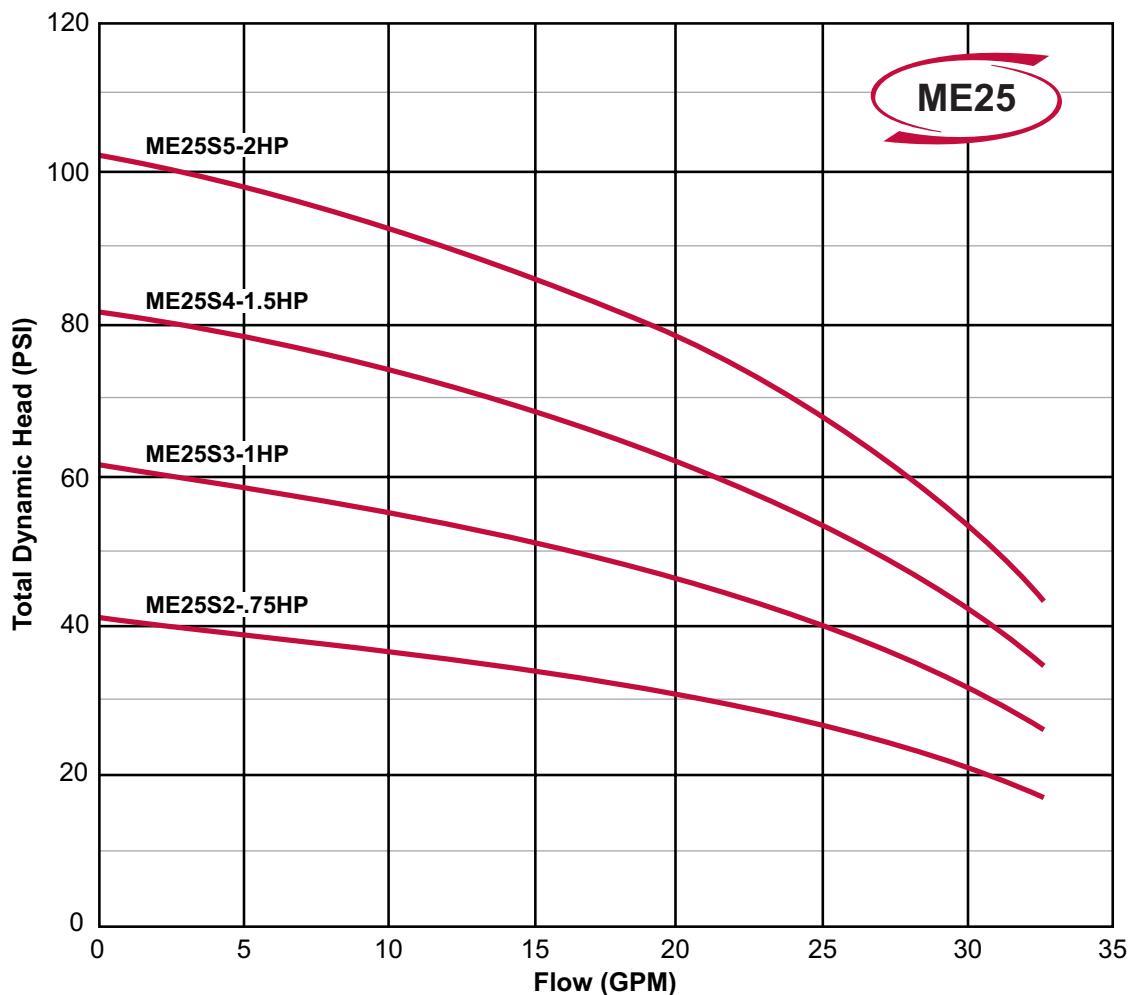
## ME Series

## ME SERIES Group Curves



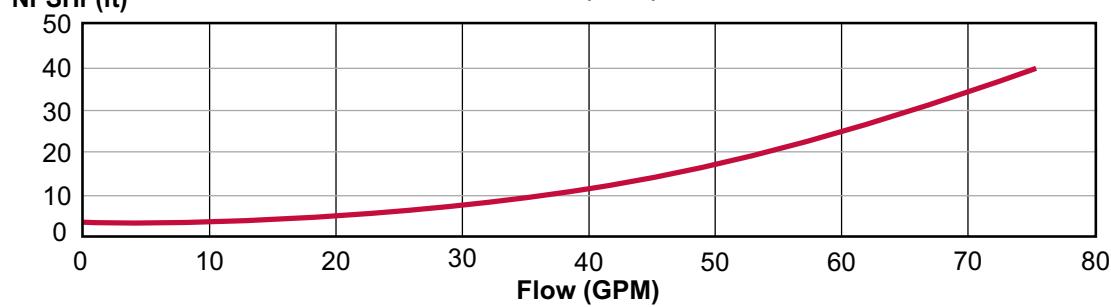
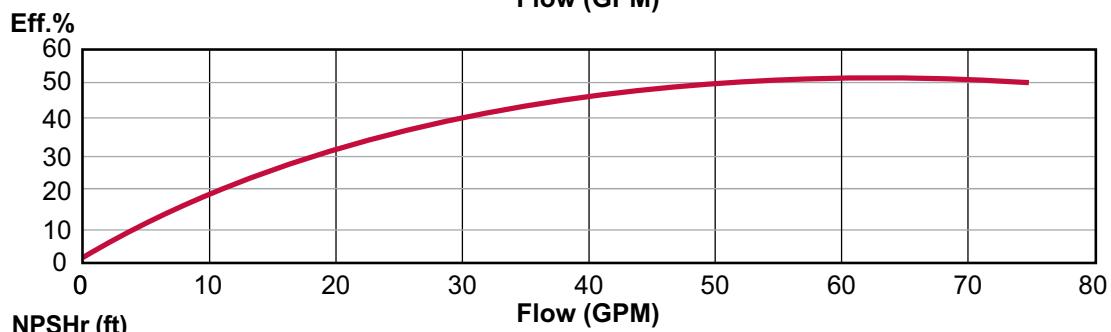
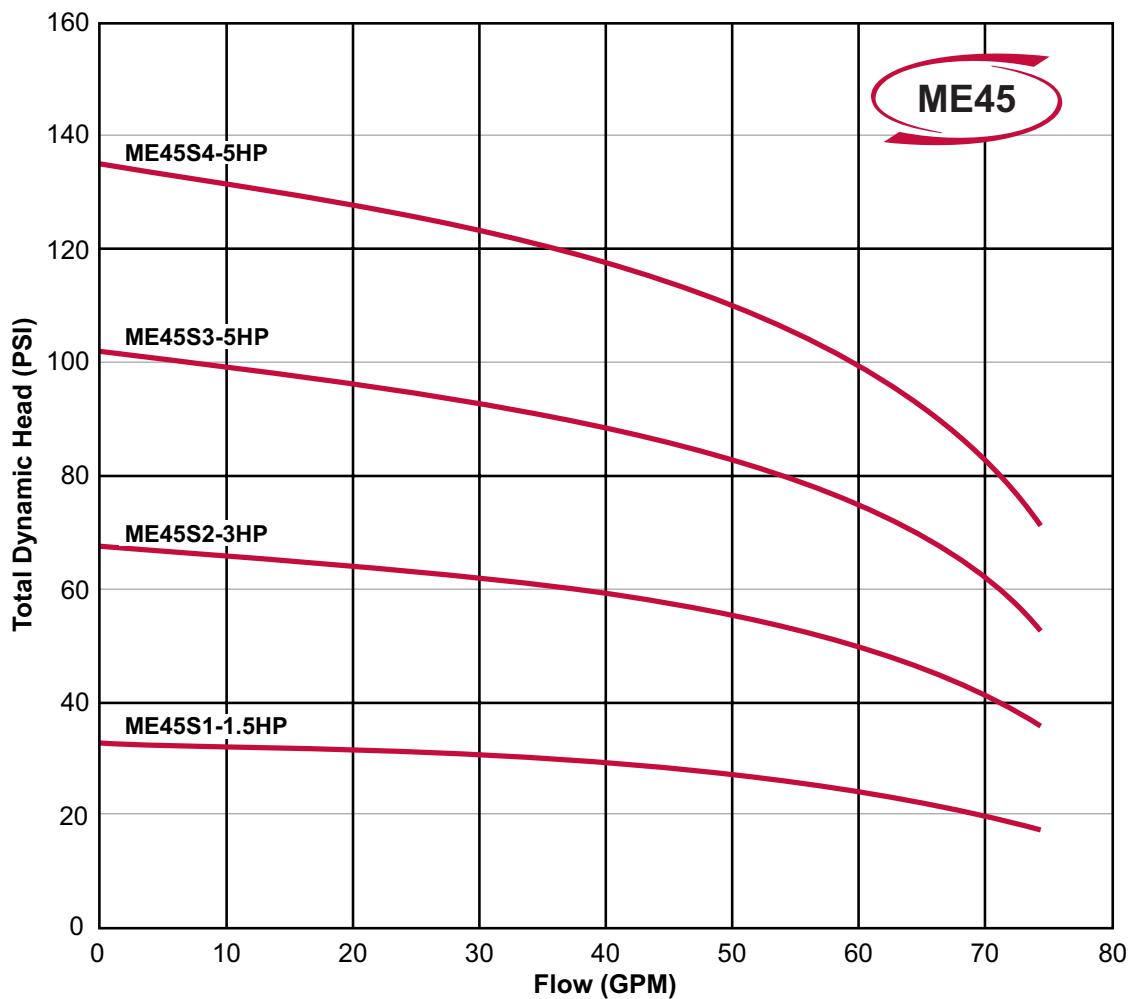
## ME SERIES Group Curves

**ME**Series



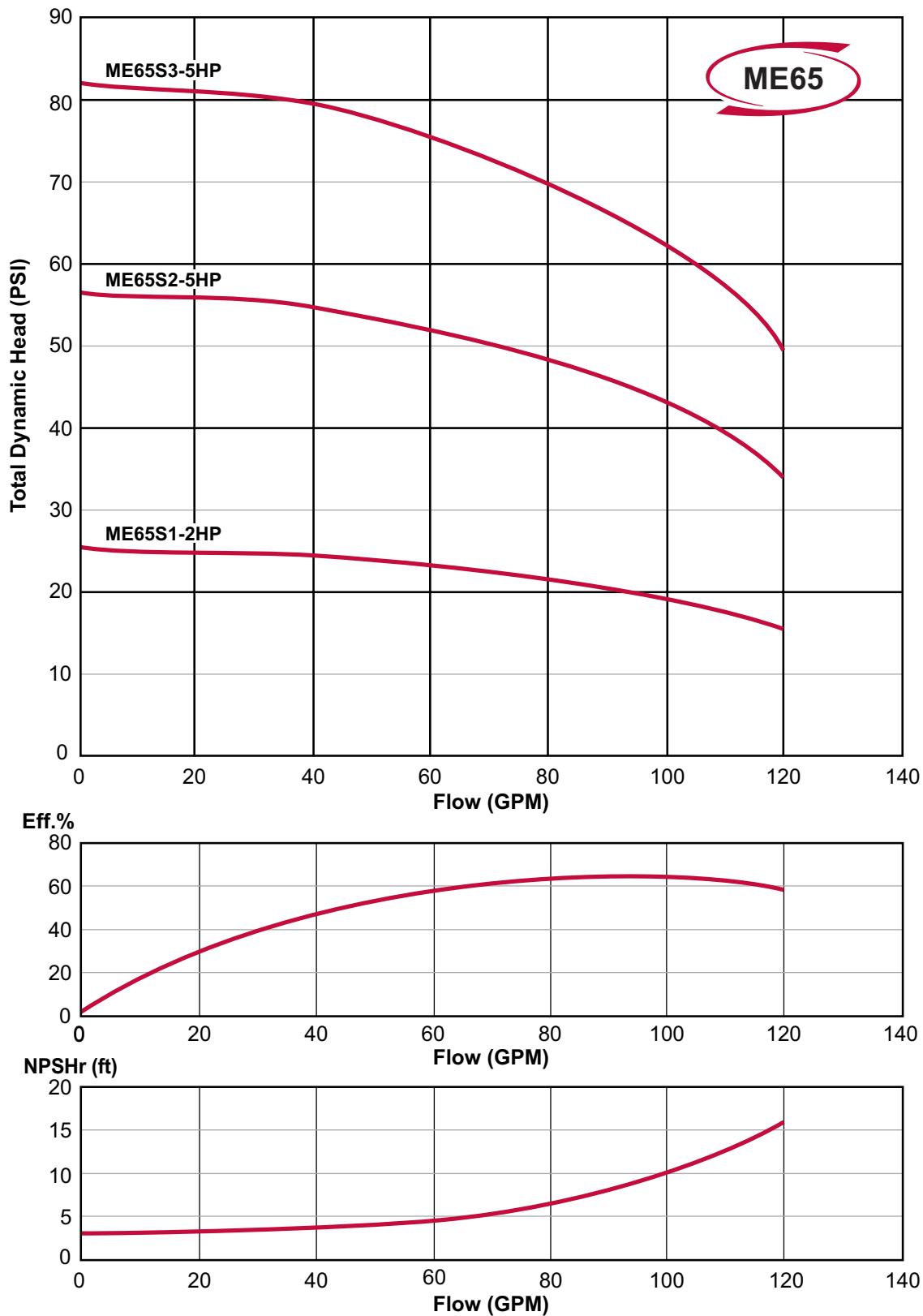
## ME Series

## ME SERIES Group Curves



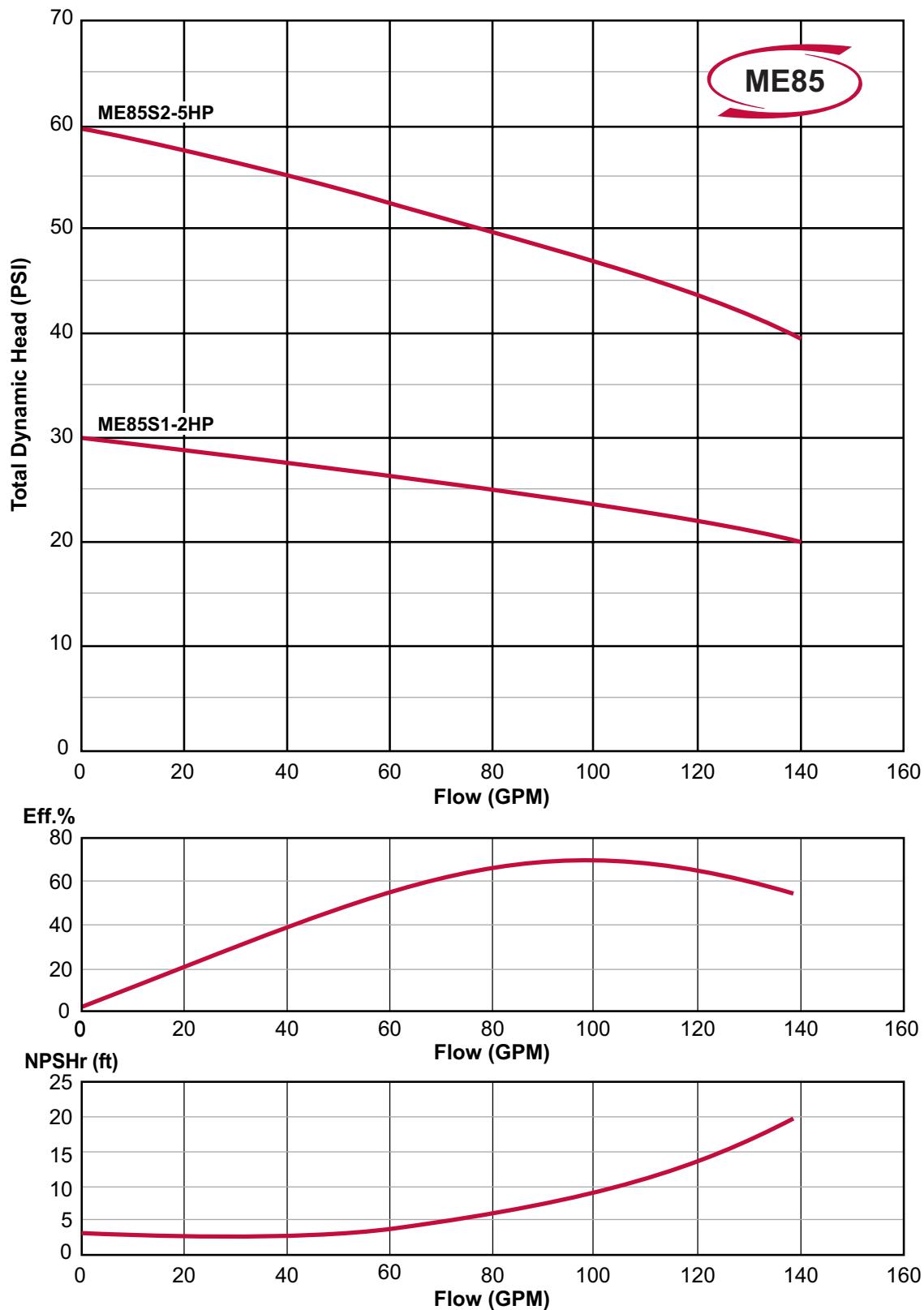
## ME SERIES Group Curves

**ME**Series

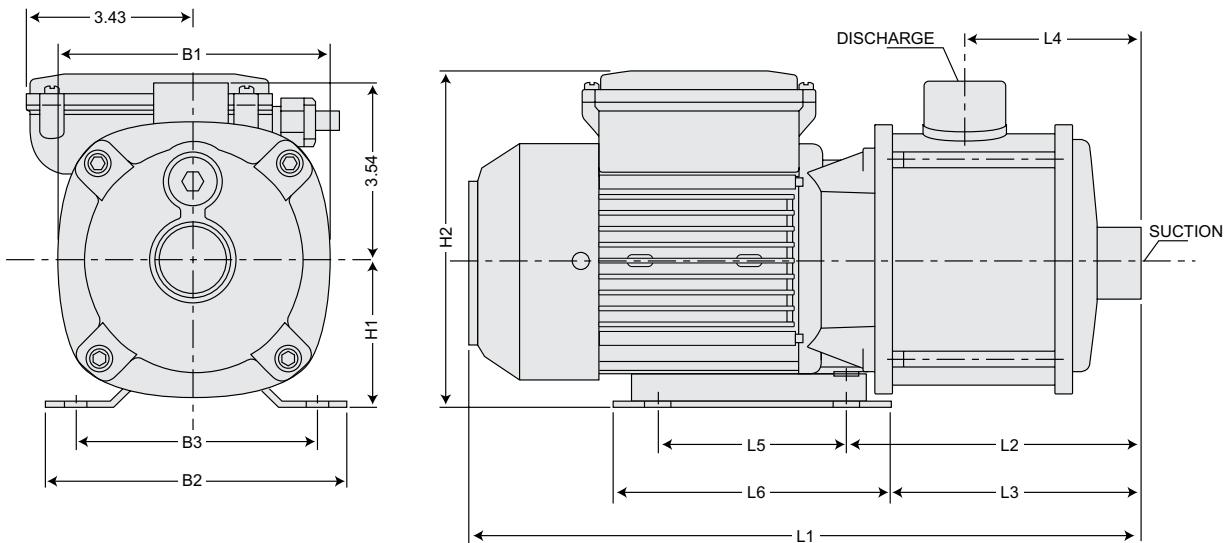


## ME Series

## ME SERIES Group Curves



## ME SERIES Pump and Motor Dimensions

**ME Series**


| Model No. | Suction X Disch. | Dimensions (in.) |       |       |       |        |        |        |        |        |       |       |       |         |
|-----------|------------------|------------------|-------|-------|-------|--------|--------|--------|--------|--------|-------|-------|-------|---------|
|           |                  | B1               | B2    | B3    | H1    | H2 1PH | H2 3PH | L1     | L2     | L3     | L4    | L5    | L6    | WT Lbs. |
| ME6-2     | 1" x 1"          | 5.518            | 6.220 | 4.921 | 2.953 | 6.693  | 6.850  | 12.638 | 5.157  | 4.449  | 2.835 | 5.354 | -     | 17.6    |
| ME6-3     | 1" x 1"          | 5.518            | 6.220 | 4.921 | 2.953 | 6.693  | 6.850  | 13.780 | 5.157  | 4.449  | 2.835 | 5.354 | -     | 22.0    |
| ME6-4     | 1" x 1"          | 5.518            | 6.220 | 4.921 | 2.953 | 6.693  | 6.850  | 13.780 | 5.157  | 4.449  | 2.835 | 5.354 | -     | 23.1    |
| ME6-5     | 1" x 1"          | 5.518            | 6.220 | 4.921 | 2.953 | 7.165  | 7.402  | 15.079 | 6.575  | 5.866  | 4.252 | 6.102 | -     | 24.2    |
| ME6-6     | 1" x 1"          | 5.518            | 6.220 | 4.921 | 2.953 | 7.165  | 7.402  | 16.500 | 7.992  | 7.283  | 5.670 | 6.102 | -     | 27.5    |
| ME6-7     | 1" x 1"          | 5.518            | 6.220 | 4.921 | 2.953 | 7.165  | 7.402  | 17.000 | 7.992  | 7.283  | 5.670 | 6.102 | -     | 27.5    |
| ME12-2    | 1" x 1"          | 5.518            | 6.220 | 4.921 | 2.953 | 6.693  | 6.850  | 12.638 | 5.157  | 4.449  | 2.835 | 3.780 | 5.354 | 17.6    |
| ME12-3    | 1" x 1"          | 5.518            | 6.220 | 4.921 | 2.953 | 6.693  | 6.850  | 13.780 | 5.157  | 4.449  | 2.835 | 3.780 | 5.354 | 22.0    |
| ME12-4    | 1" x 1"          | 5.518            | 6.220 | 4.921 | 2.953 | 7.165  | 7.402  | 14.370 | 5.866  | 4.921  | 3.543 | 3.780 | 6.102 | 25.3    |
| ME12-5    | 1" x 1"          | 5.518            | 6.220 | 4.921 | 2.953 | 7.283  | 7.402  | 15.078 | 6.575  | 5.630  | 4.252 | 3.780 | 6.102 | 27.5    |
| ME12-6    | 1" x 1"          | 6.102            | 7.001 | 5.112 | 3.543 | 9.055  | 8.307  | 17.560 | 9.567  | 8.977  | 5.670 | 4.921 | 6.102 | 30.8    |
| ME12-8    | 1" x 1"          | 6.102            | 7.008 | 5.512 | 3.543 | 9.055  | 8.307  | 20.748 | 13.267 | 13.032 | 7.795 | 4.921 | 6.102 | 37.4    |
| ME25-2    | 1.25" x 1"       | 5.512            | 6.220 | 4.921 | 2.953 | 7.165  | 7.402  | 13.661 | 5.157  | 4.216  | 2.835 | 3.780 | 6.102 | 23.1    |
| ME25-3    | 1.25" x 1"       | 5.518            | 6.220 | 4.921 | 2.953 | 7.165  | 7.402  | 13.661 | 5.157  | 4.213  | 2.835 | 3.780 | 6.102 | 25.3    |
| ME25-4    | 1.25" x 1"       | 5.512            | 6.220 | 4.921 | 2.953 | 7.165  | 7.402  | 14.370 | 5.866  | 4.921  | 3.543 | 3.780 | 6.102 | 27.5    |
| ME25-5    | 1.25" x 1"       | 5.512            | 6.220 | 4.921 | 2.953 | 8.897  | 8.346  | 16.142 | 8.150  | 7.560  | 4.252 | 4.921 | 6.102 | 37.4    |
| ME45-1    | 1.5" x 1.5"      | 7.165            | 6.220 | 4.921 | 3.937 | 8.425  | 8.543  | 16.220 | 7.874  | -      | 3.937 | 3.780 | -     | 57.2    |
| ME45-2    | 1.5" x 1.5"      | 7.165            | 7.835 | 6.299 | 3.937 | 9.606  | 8.346  | 17.638 | 7.874  | -      | 3.937 | 5.512 | -     | 28.6    |
| ME45-3    | 1.5" x 1.5"      | -                | 7.835 | 6.299 | 4.134 | -      | 9.921  | 19.094 | 8.740  | -      | 3.937 | 5.512 | -     | 50.6    |
| ME45-4    | 1.5" x 1.5"      | -                | 7.835 | 6.299 | 4.134 | -      | 9.921  | 20.276 | 9.921  | -      | 3.937 | 5.512 | -     | 57.2    |
| ME65-1    | 2" x 2"          | 6.220            | 4.921 | 4.921 | -     | 9.134  | 8.543  | 17.283 | -      | -      | 5.118 | 5.519 | -     | 37.2    |
| ME65-2    | 2" x 2"          | 7.835            | 6.299 | 4.921 | -     | -      | 8.346  | 17.283 | -      | -      | 5.118 | 3.800 | -     | 54.6    |
| ME65-3    | 2" x 2"          | 7.835            | 6.299 | 4.921 | -     | -      | 9.921  | 20.197 | -      | -      | 5.118 | 5.512 | -     | 58.1    |
| ME85-1    | 2" x 2"          | 7.835            | 4.921 | 4.921 | 3.937 | 9.606  | 8.543  | 17.283 | 9.055  | 5.518  | 5.118 | 5.512 | -     | 46.9    |
| ME85-2    | 2" x 2"          | 7.835            | 6.299 | 6.299 | 4.134 | -      | 9.921  | 20.197 | 5.512  | 9.921  | 5.118 | 5.512 | -     | 53.7    |



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## NOTES

## SJP SERIES SELF-PRIMING PUMPS

### Self-Priming Centrifugal Pumps

# SJP Series

The SJP Series self-priming centrifugal pumps are designed so they can be installed above the water line to provide suction lift as well as boost incoming pressure up to 50 PSI.

The quality and performance you expect, along with industry best lead times and personalized service, only from Webtrol!



#### Features and Benefits

- 304 stainless steel pump
- Close coupled design
- Centerline discharge
- Non-overloading motor rated for continuous duty
- Back pullout design for ease of servicing
- Mechanical seal for maximum reliability

#### Performance

HP Range: .33 HP, 60Hz

Capacities to 15 GPM

Pressures to 50 PSI boost

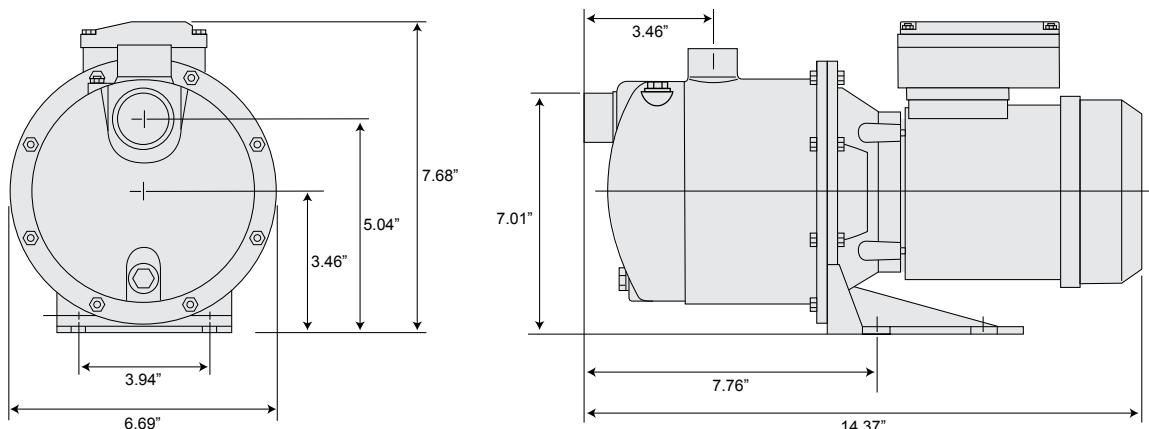
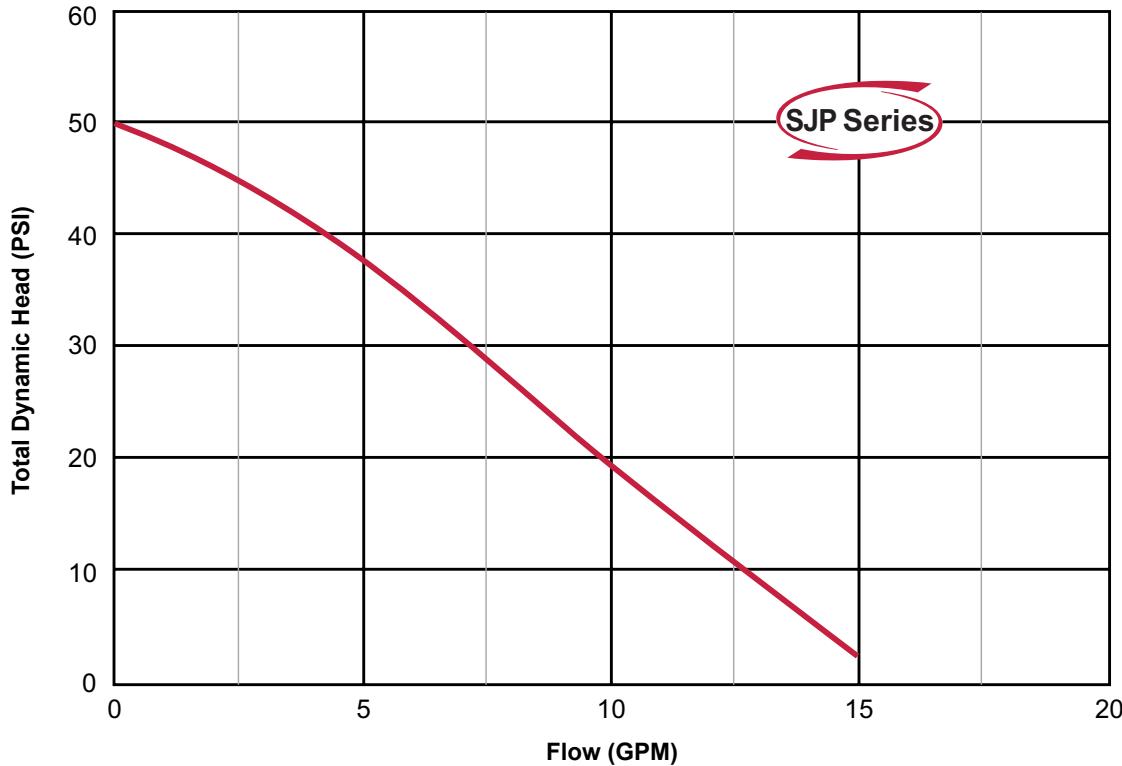
Temperatures to 104° F

#### Typical Services

- Home drinking water booster systems
- Deionized Systems
- Misting Systems
- Car Wash Systems
- Liquid Transfer Systems
- Circulation Systems
- Pre-Filter Charge System
- Condensation Systems
- Cooling Tower Systems

## SJP Series

## SJP CETRIFUGAL PUMP Performance Curve & Dimensions



### CONSTRUCTION MATERIALS

| Part                   | Material        |
|------------------------|-----------------|
| Pump Housing           | 304 SS          |
| Back Plate             | 304 SS          |
| Impeller (closed type) | 304 SS          |
| Motor Shaft            | Stainless Steel |
| Mechanical Seal        | Carbon/Ceramic  |

## SP SERIES SELF-PRIMING PUMPS

### Stainless Steel Centrifugal Pumps

# SP Series

The SP Series self-priming centrifugal pumps are designed to be installed above the water line, providing a suction lift of 25' and offer a superior alternative to standard cast iron jet pumps.

The quality and performance you expect, along with industry best lead times and personalized service, only from Webtrol!



#### Features and Benefits

- 304 stainless steel pump
- Close coupled design
- Centerline discharge
- Non-overloading motor rated for continuous duty
- High operating efficiency
- Back pullout design for ease of servicing
- Mechanical seal for maximum reliability

#### Typical Services

|                               |                            |
|-------------------------------|----------------------------|
| • Home drinking water systems | • Liquid Transfer Systems  |
| • Deionized Systems           | • Circulation Systems      |
| • Reverse Osmosis Systems     | • Pre-Filter Charge System |
| • Distribution Systems        | • Condensation Systems     |
| • Misting Systems             | • Cooling Tower Systems    |
| • Car Wash Systems            |                            |

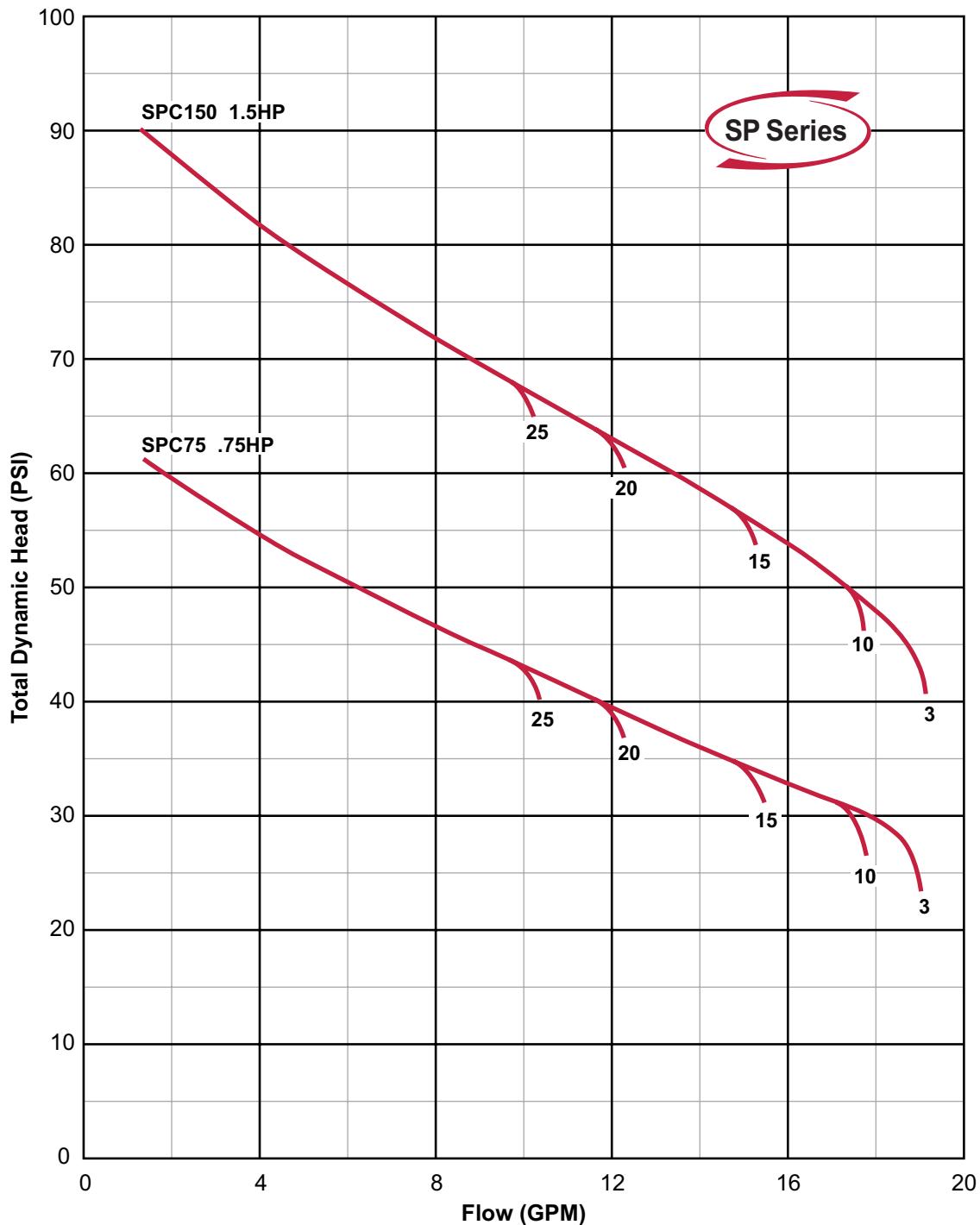
#### Performance

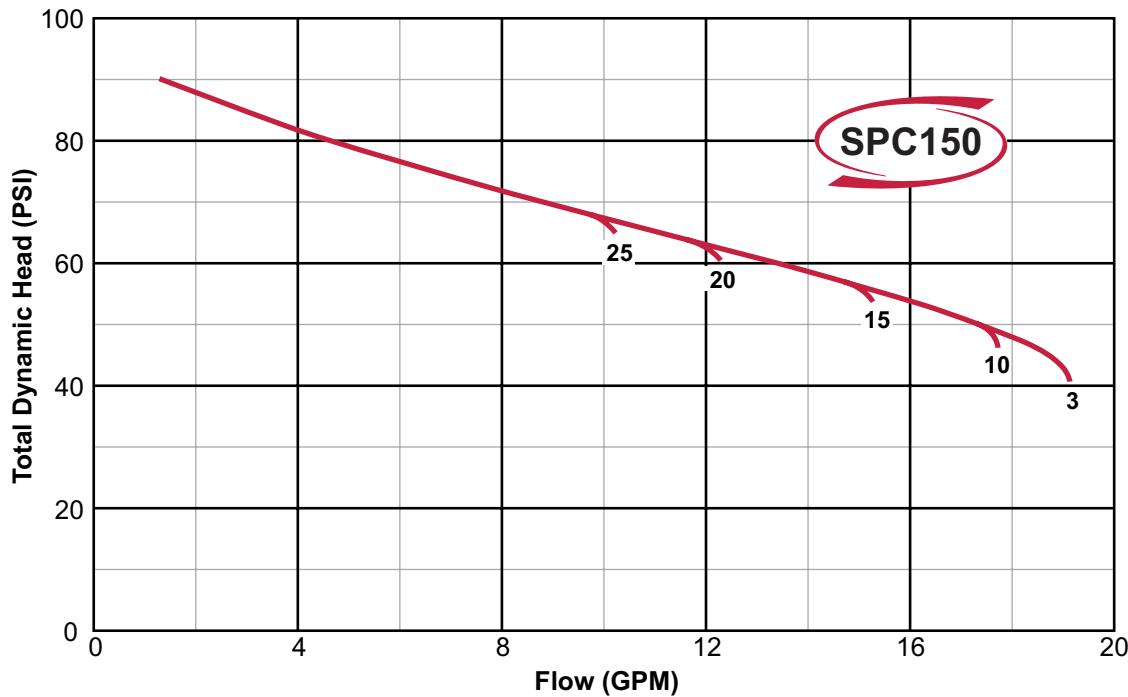
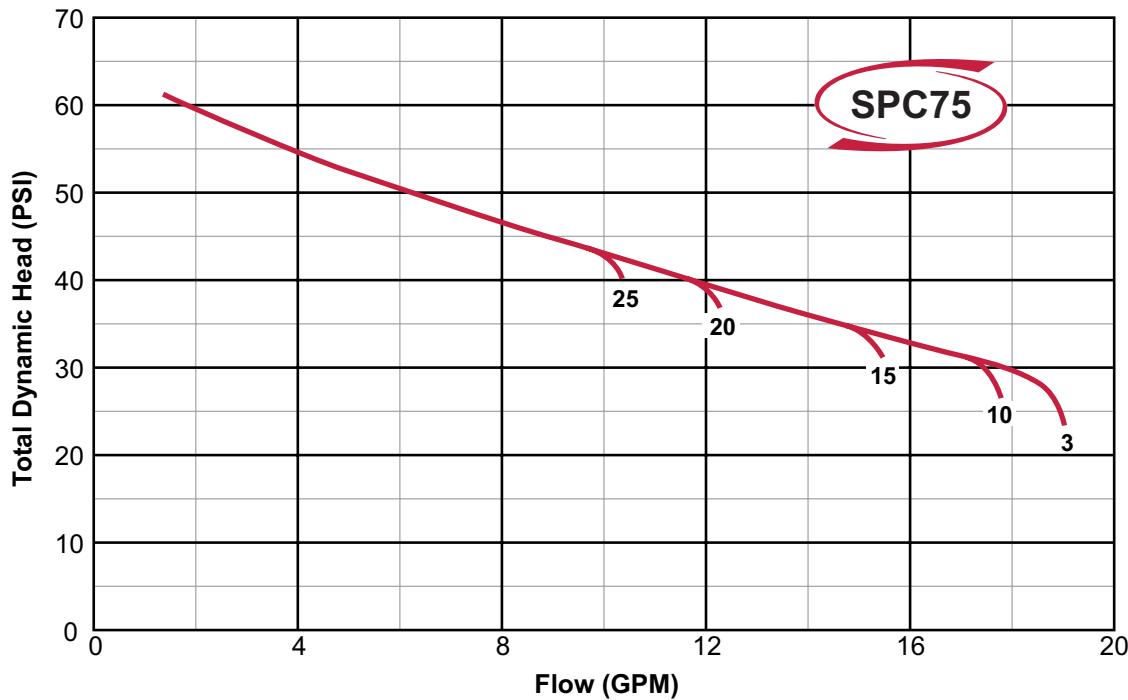
HP Range: .75 & 1.5 HP, 60Hz

Capacities to 19 GPM

Pressures to 90 PSI

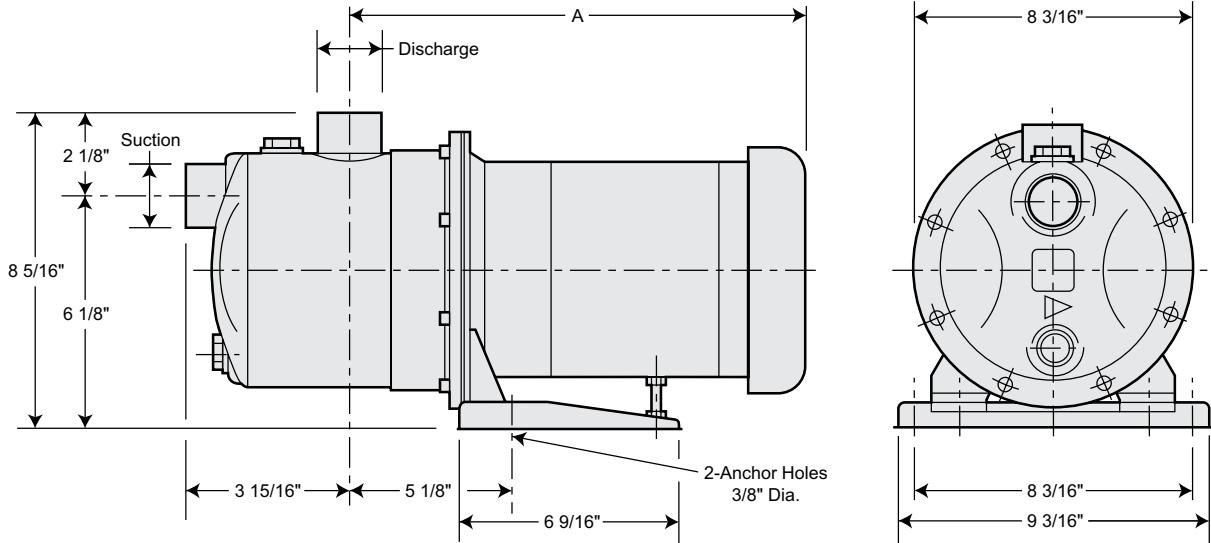
Temperatures to 113 °F

**SP Series****SP SERIES FAMILY CURVES**

**SP SERIES GROUP CURVES****SP Series**

## SP Series

## SP SERIES Pump and Motor Dimensions



| Model No. | Discharge / Suction/Imp. (inch-NPTF) | "A" Dimension | Single Phase Unit Weight (lbs.) |      | Three Phase Unit Weight (lbs.) |      |
|-----------|--------------------------------------|---------------|---------------------------------|------|--------------------------------|------|
|           |                                      |               | ODP                             | TEFC | ODP                            | TEFC |
| SPC75     | 1" x 1.25" x 4.5"                    | 15.125"       | 37                              | 41   | 39                             | 43   |
| SPC150    | 1" x 1.25" x 5.1875"                 | 15.5625"      | 42                              | 46   | 44                             | 48   |

| CONSTRUCTION MATERIALS |                 |
|------------------------|-----------------|
| Part                   | Material        |
| Casing                 | 304 SS          |
| Impeller               | 304 SS          |
| Shaft                  | Stainless Steel |
| Mechanical Seal        | Carbon/Ceramic  |

## EP SERIES STAINLESS STEEL SUMP PUMPS

304 Stainless Steel

### EP Series

The EP Series offer you a complete and comprehensive range of submersible drainage pumps for pumping slurry, dirty and semi-dirty water.

The quality and performance you expect, along with industry best lead times and personalized service, only from Webtrol!



#### Features and Benefits

- 304 stainless steel construction
- Built in thermal overload with automatic reset
- Air filled, continuous duty rated motor
- Oil lubricated double faced mechanical seal
- 10' power cord on single phase models, 20' cords on three phase models.

#### Performance

HP Range: .33 - 1.5 HP, 60Hz.

Capacities to 90 GPM

Heads to 62'

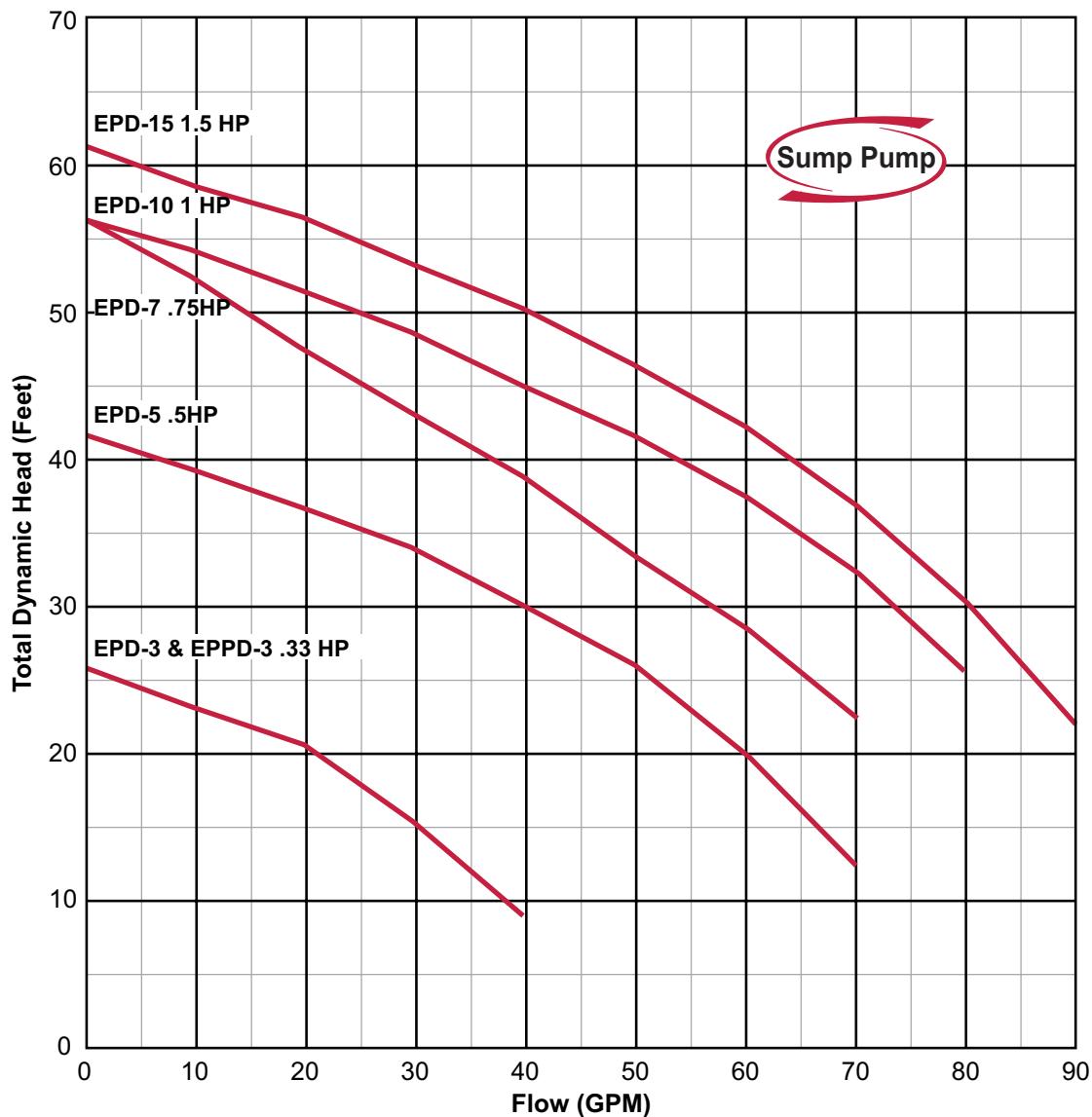
Temperatures to 122 °F continuous or 140 °F intermittent

#### Typical Services

|                     |              |
|---------------------|--------------|
| • Dewatering        | • Waterfalls |
| • Water Transfer    | • Fountains  |
| • Sump Applications |              |

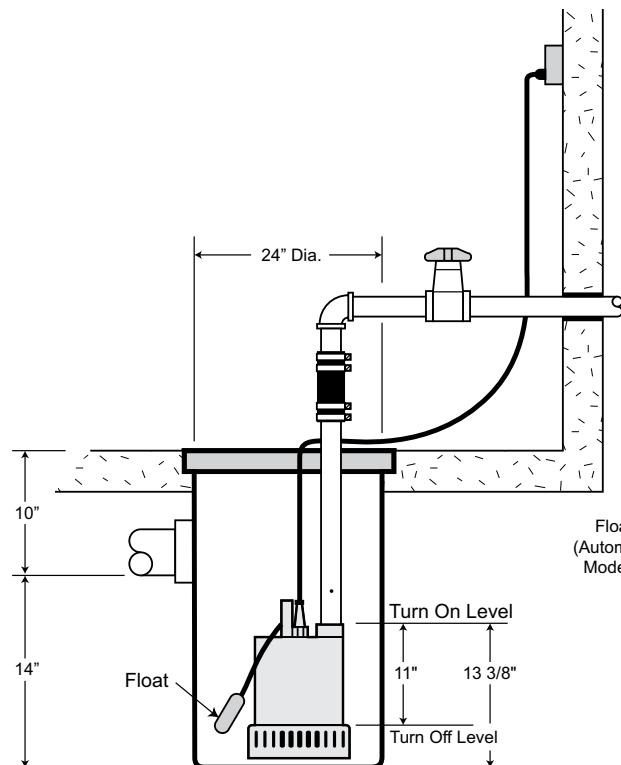
**EP Series**

## EP SERIES FAMILY CURVES

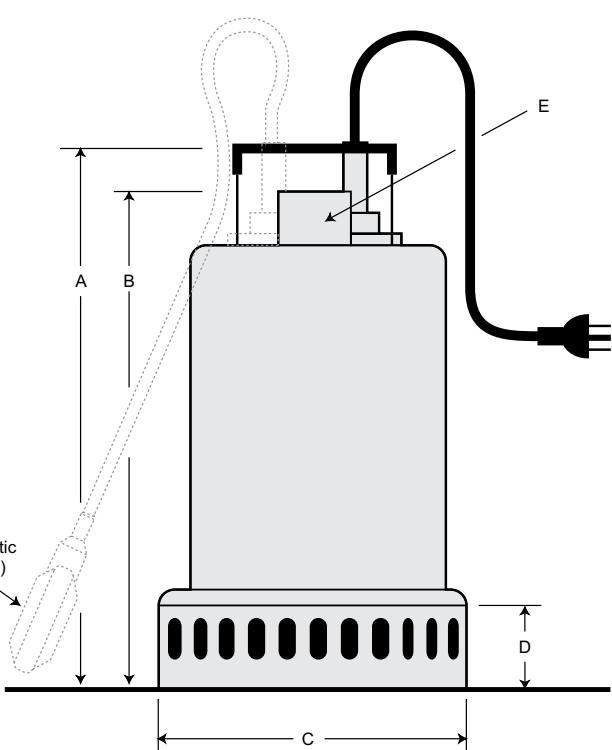


| CONSTRUCTION MATERIALS    |   |
|---------------------------|---|
| Part                      | Material                                      |
| Casing                    | 304 SS  |
| Impeller                  | 304 SS  |
| Shaft                     | 303 SS  |
| Motor Frame               | 304 SS  |
| Fastener                  | 304 SS  |
| Double Shaft Seal - Upper | NBR Fitted Carbon/Ceramic                     |
| Double Shaft Seal - Lower | Viton™ Fitted Silicon Carbide/Silicon Carbide |
| Bearing                   | Sealed Ball Bearing                           |

## EP SERIES Installation and Dimensions

Typical Installation Automatic Models



Dimensions For Automatic &amp; Manual Models

| Model No. | HP    | Pump and Motor Dimensions (inches) |        |       |       |      | Cable Length (ft.) |
|-----------|-------|------------------------------------|--------|-------|-------|------|--------------------|
|           |       | A                                  | B      | C     | D     | E    |                    |
| EPPD-3AS1 | 1/3   | 10.25                              | 8.0625 | 6.375 | 2.375 | 1.25 | 20                 |
| EPPD-3MS1 | 1/3   | 10.25                              | 8.0625 | 6.375 | 2.375 | 1.25 | 20                 |
| EPD-3AS1  | 1/3   | 10.25                              | 8.0625 | 6.375 | 2.375 | 1.25 | 20                 |
| EPD-3MS1  | 1/3   | 10.25                              | 8.0625 | 6.375 | 2.375 | 1.25 | 20                 |
| EPD-5AS1  | 1/2   | 17.1875                            | 13.625 | 8.25  | 2.375 | 1.5  | 20                 |
| EPD-5MS1  | 1/2   | 17.1875                            | 13.625 | 8.25  | 2.375 | 1.5  | 20                 |
| EPD-5MT2  | 1/2   | 13.875                             | 12.375 | 8.25  | 2.375 | 1.5  | 20                 |
| EPD-5MT4  | 1/2   | 13.875                             | 12.375 | 8.25  | 2.375 | 1.5  | 20                 |
| EPD-7AS1  | 3/4   | 17.1875                            | 13.625 | 8.25  | 2.375 | 1.5  | 20                 |
| EPD-7MS1  | 3/4   | 17.1875                            | 13.625 | 8.25  | 2.375 | 1.5  | 20                 |
| EPD-7MT2  | 3/4   | 13.875                             | 12.375 | 8.25  | 2.375 | 1.5  | 20                 |
| EPD-7MT4  | 3/4   | 13.875                             | 12.375 | 8.25  | 2.375 | 1.5  | 20                 |
| EPD-10MT2 | 1     | 14.1875                            | 13.375 | 8.25  | 2.375 | 1.5  | 20                 |
| EPD-10MT4 | 1     | 14.1875                            | 13.375 | 8.25  | 2.375 | 1.5  | 20                 |
| EPD-15MT2 | 1 1/2 | 14.1875                            | 13.375 | 8.25  | 2.375 | 1.5  | 20                 |
| EPD-15MT4 | 1 1/2 | 14.1875                            | 13.375 | 8.25  | 2.375 | 1.5  | 20                 |



*There when you need us most*

## NOTES

## SS SERIES STAINLESS STEEL SEWAGE PUMPS

304 Stainless Steel

### SS Series

The SS Series is designed for efficient and reliable handling of sewage or waste water containing suspended solids up to 2" in diameter.

The quality and performance you expect, along with industry best lead times and personalized service, only from Webtrol!

#### Features and Benefits

- 304 stainless steel construction
- 2" solids handling
- High service factor motor design
- 2 pole, dry-submerged continuous duty rated motor type
- Double Viton™ mechanical seal
- Shielded ball bearings last 50,000 hours
- Automatic & manual operation
- 2" threaded or flanged discharge
- Max emersion depth of 33'
- 25' power cord

#### Performance

HP Range: .5 - 2 HP, 60Hz.

Capacities to 200 GPM

Heads to 65'

Temperatures to 104 °F continuous or 140 °F intermittent



#### Motor

Air filled motor with class F insulation with built in overload protection

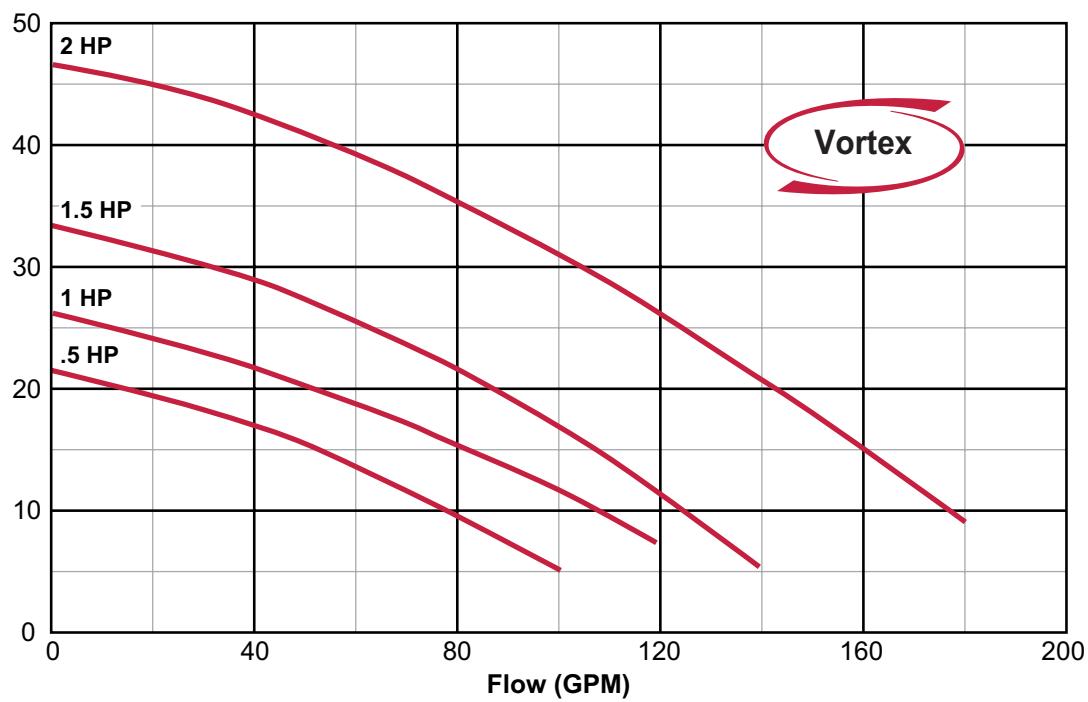
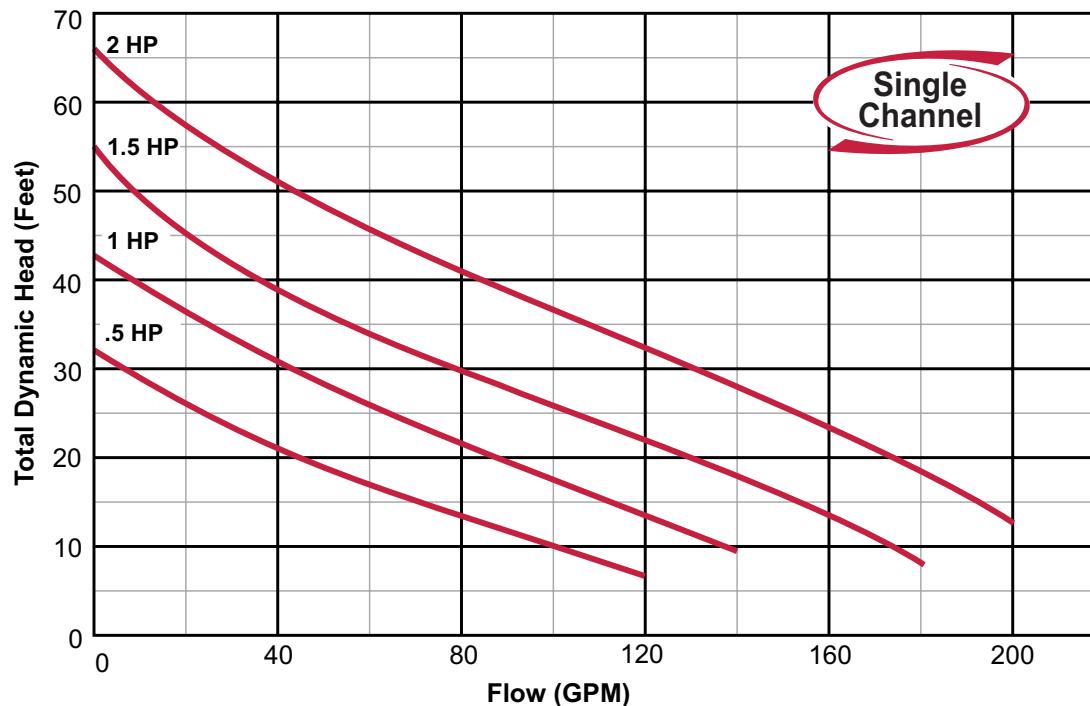
#### Typical Services

- Commercial
- Industrial
- Agricultural

**SS** Series

## SS SERIES FAMILY CURVES

### Single Channel and Vortex / Non-Clog Impeller



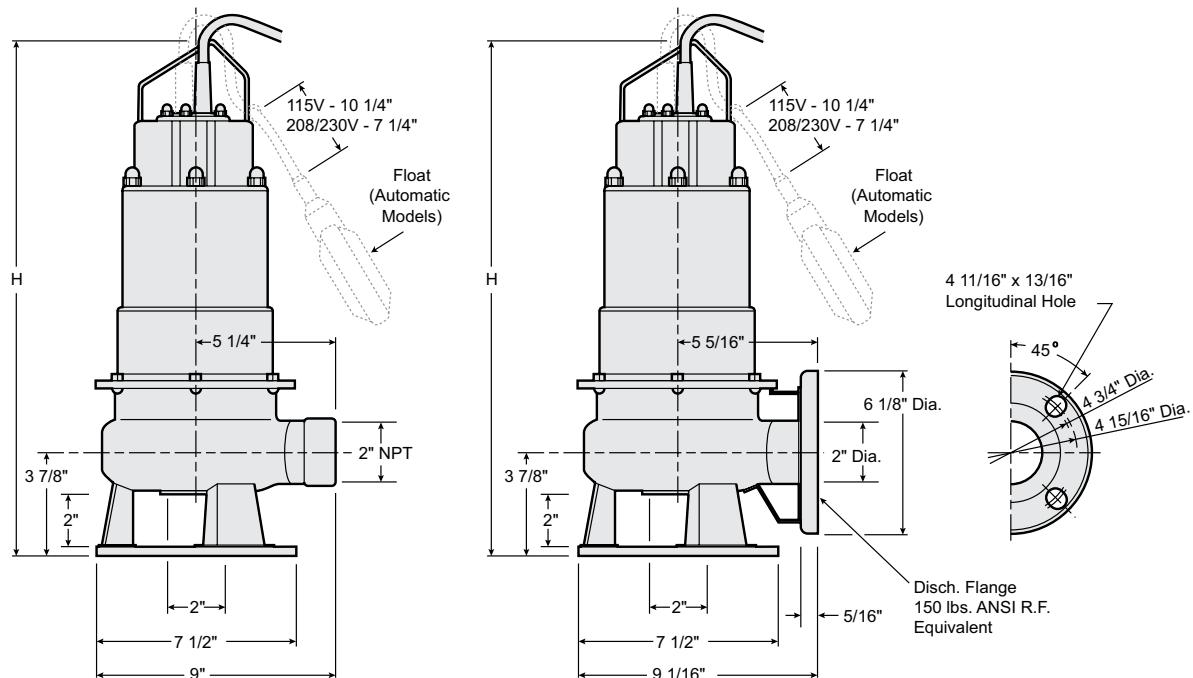
## SS SERIES GROUP CURVES

### Construction Materials

**SS** Series

| CONSTRUCTION MATERIALS              |                 |
|-------------------------------------|-----------------|
| Part                                | Material        |
| Casing                              | 304 SS          |
| Impeller                            | 304 SS          |
| Shaft                               | 304 SS          |
| Motor Frame                         | 304 SS          |
| Fastener                            | 304 SS          |
| Double Mechanical Seal - Upper Side | Carbon          |
| Double Mechanical Seal - Lower Side | Silicon Carbide |

### Pump and Motor Dimensions



| Phase  | HP    | Height (H) in. |
|--------|-------|----------------|
| Single | 1/2   | 21.625         |
| Single | 1     | 22.875         |
| Single | 1 1/2 | 22.25          |
| Single | 2     | 24.0           |
| Three  | 1/2   | 19.125         |
| Three  | 1     | 19.125         |
| Three  | 1 1/2 | 20.25          |
| Three  | 2     | 20.25          |



## LIMITED WARRANTY

### INDUSTRIAL PUMPS

#### Industrial Pump Limited Warranty

Weber Industries, warrants any product of it's own manufacture to be free of defects in material and workmanship under normal use and services for the period shown. Weber Industries, Inc. obligation under this warranty is limited to repairing or replacing, at Weber Industries sole discretion, any defective pump found to Weber Industries' reasonable satisfaction to have been so defective upon examination of it, provided such pump is returned, freight prepaid, to Weber Industries' factory, in St. Louis, Missouri, or such other place as Weber Industries shall designate, within 30 days of failure date. Weber Industries, Inc. shall not be responsible for the removal or the reinstallation of any product covered under this warranty or any charges associated with the removal or reinstallation.

This warranty does not cover; Pumps returned for warranty that inspect and test within specifications; Pumps that have failed due to misuse or misapplication; Pumps that have been run in one of the following conditions; run dry, closed discharge head, liquids in excess of 140 degrees fahrenheit, liquids other than potable water, that have not been preapproved, in writing, by Weber Industries. This warranty does not cover power cable, lead wires, electrical components, control boxes or accessories of any kind.

Weber Industries, Inc. specifically limits the duration of any state law implied warranty of merchantability or fitness for a particular purpose to the time listed under the heading "PERIODS OF LIMITED WARRANTY".

Except as provided in the foregoing warranty, Weber Industries, Inc. shall not be liable for any damage or loss to persons or property, including without limitation, consequential damages for breach of any written or implied warranty covering any product manufactured by Weber Industries, Inc.

#### Periods of Limited Warranty

The following series Webtrol Pumps are warranted to be free of defects in material and workmanship for a period of one year from the date of manufacture, when purchased as a complete unit consisting of motor and pump assembled together;

**EZ Series Boosters;**  
**HT Series Boosters;**  
**NV Series Boosters;**  
**FC Series Centrifugals;**  
**ME Series Centrifugals;**  
**PC Series Centrifugals;**  
**SJP Series Centrifugals;**  
**SP Series Centrifugals;**  
**TC Series Centrifugals;**  
**2TC Series Centrifugals**

Weber Industries, Inc. does not warrant any part not manufactured by it, but assigns to buyer, Weber Industries' rights under any warranty given by the manufacturer of such part.

Pumps not manufactured by Weber Industries but supplied by Weber Industries;

**EP Series Sump Pumps;**  
**SS Series Sewage Pumps;**

**Motor And Controls:** 12 months from date of manufacture, when purchased as a complete unit consisting of a pump and motor assembled together by Weber Industries, Inc. This warranty is coextensive with the original manufacturer warranty against electrical and mechanical defects.

**There is no warranty on individual components when purchased for the above described series of pumps, when not factory installed by Weber Industries. When factory installed, components will be warranted for a period of 90 days from date of repair.**

**For all other products not listed, consult factory for warranty information.**

The warranty set forth above is made expressly in lieu of any other express warranties. The warranty set forth above shall be designated as a **Limited Warranty** within the meaning of title 15, S2303 of the United States Code.



## CONDITIONS OF SALE

**Acceptance Of Orders:** All orders and contracts are subject to acceptance by the management of Weber Industries, Inc. (the company) and to the conditions herein set forth.

**Prices:** Merchandise, prices, discounts, quotations, freight policy and specifications are subject to change without notice and will be applied as in effect at the time of shipment. Prices shown do not include any sales, excise or other government charges payable by seller to Federal, State or local authority. Buyer agrees to reimburse Seller for any such tax or provide Seller with acceptable tax exemption certificate.

**Routing:** On FOB factory shipments, customers' choice of routing will be followed if specified whenever practical. On prepaid shipments, we reserve the right to specify routing.

**Terms And Interest Charges:** Except as otherwise indicated, payment is due in United States of America currency, 30 days after date of invoice on approved credit. A 1-1/2% monthly service charge; as indicated on every invoice, will be assessed on all invoices which remain unpaid past 30 days from date of invoice. Any of the terms and provisions on the customers' order which are in any way inconsistent with our policy shall not be considered applicable to the sale. The customer will be responsible for any and all cost incurred, including attorney fees and court cost, in the collection of any and all delinquent invoices and or service charges.

**Minimum Billing:** The minimum charge for any order will be \$25.00 net, exclusive of tax or transportation charges, except on purchases of sales aids.

**Shipment:** Prompt shipping dates are based on full and complete information at the factory and credit approval. Shipment of phoned orders before receipt of written confirming purchase orders shall be at customers risk.

**Design:** Weber Industries reserves the right at any time, to discontinue the manufacture or distribution of any model, or to make changes in the design of manufactured products or distribute improved products without incurring any obligation to replace, furnish, install or upgrade products previously supplied.

**Cancellation:** No orders or sales may be cancelled without the consent of Weber Industries, Inc. At the company's option, cancelled orders are subject to cancellation charges equal to all cost incurred by the company up to the date of cancellation, including a 10% charge for overhead. Special orders can not be cancelled.

**Return Of Goods:** Prior permission from Weber Industries, Inc. must be obtained before any goods may be returned and each item must be in its original package, in like new condition, properly tagged or labeled with the company return goods authorization number. New and unused material, of current design, accepted and approved by the company for credit, is subject to a restocking charge of at least \$30.00 dollars or 25%, whichever is greater. In addition, in the case of an item not manufactured by Weber Industries, Inc., any and all cost for updating and/or restocking charges charged to Weber Industries, Inc., by a vendor of Weber Industries, Inc. will be added to the restocking charge. Weber Industries, Inc. will not take back electrical products that cartons have been opened or products that have been special ordered. Credit issued by Weber Industries, Inc. will be for the original purchase amount, not current replacement cost. Credits are non-refundable but may be used for the purchase of product common to your industry. **Freight; All transportation charges must be borne by the customer. No collect or C.O.D. shipments will be accepted.**

**Expedited Orders:** Expedited/Rush orders or rush warranty replacement orders are subject to an expediting charge to be determined by Weber Industries, Inc. In addition, all orders requiring Weber Industries, Inc. to use an intermediate transport mode such as a cab or messenger to get a product to a bus, airline or truckline, will be subject to an extra delivery charge in addition to any other freight charges from the delivering carrier.

**Repairs:** Both in warranty and out of warranty material will be repaired or replaced, at the sole discretion of Weber Industries, Inc. and shipped within a reasonable period of time, after receipt at factory if properly tagged or labeled with the company return goods authorization number. Warranty will be based on factory inspection of returned merchandise as outlined in Webtrol's Limited Warranty. If the product being returned is found to be out of warranty, you will be notified. If you elect to have the, out of warranty product inspected, there will be a charge for inspection, to be determined by Weber Industries, Inc. The inspection fee will be waived, if the product is repaired. All material must be shipped to the Webtrol factory or such place as Weber Industries, Inc. shall designate, via prepaid freight. Any credit issued for warranty material will be for the original purchase amount, not current replacement cost. Credits are non-refundable but may be used for the purchase of product common to your industry. All material will be returned FOB.

**NOTE:** Used septic and sewer products being returned for warranty determination must be thoroughly cleaned and chlorinated before returning or a cleaning charge of \$30.00 will be accessed.

**Delayed Deliveries:** Weber Industries, Inc. shall not be liable for any delay in shipping or delivery of merchandise for any reason whatsoever. If for any reason whatsoever, merchandise ordered is not accepted by the applicable public carriers, the company shall have the right to deliver said merchandise to a bonded warehouse for storage at the expense of the purchaser, and such delivery shall be conclusively deemed delivered of such merchandise to purchaser.

**Substitutions:** Weber Industries, Inc. reserves the right to substitute materials and modify specifications to the extent required in order to comply with any governmental law or regulation.

**Sales Policy:** Nothing herein shall be construed as abridging the right of Weber Industries, Inc. to sell directly or indirectly to 1.) Federal or State Governments; 2.) Purchasers' who buy company products for sale as integral or assembled parts of their products; 3.) Firms operating on a national scale; 4.) Any other class of purchaser to whom the company may from time to time elect to sell directly.

**Conditions:** All sales made by Weber Industries, Inc. are subject to these conditions unless otherwise agreed to in writing and signed by a duly authorized officer of the company. In all cases of conflict between these conditions and the requirements of the purchase order, these conditions shall prevail. All sales shall be governed by Missouri law. All disputes arising between you and Weber shall be litigated solely in the Circuit Court of St. Louis County, Missouri as the mutually agreed forum.



*There when you need us most*

**(800) 769-7867**

8417 New Hampshire Ave. | St. Louis, MO 63123

**Web:** [webtrol.com](http://webtrol.com) | **E-mail:** [customerservice@webtrol.com](mailto:customerservice@webtrol.com) | **Fax:** (314) 631-3738

**WEBTROL** is a Division of Weber Industries, Inc.