

# Submittal Data Information

## Pro-Fit® HPK Series - Header Pump Kit

101-102

Effective: January 15, 2016

Supersedes: January 15, 2005

Job: \_\_\_\_\_ Engineer: \_\_\_\_\_ Contractor: \_\_\_\_\_ Rep: \_\_\_\_\_

| ITEM NO. | MODEL NO. |  |
|----------|-----------|--|
|          |           |  |

### Features

- High Quality Pro-Fit® components
- Universal Replacements for OEM Header Pumps
- Heavy Duty Maintenance-Free, Permanently Lubricated Motor
- Universal Bearing Assembly for Open or Closed Systems
- Replaceable Bearing Cartridge — One Kit Repairs all Models
- Superior Lubrication Design for Long Life
- Durable Noryl® Impeller — Resistant to Harsh Water Conditions
- Woods 3-J Coupler
- Factory Pressure-Tested

### Materials of Construction

Bracket: Die Cast Aluminum  
 Shaft: Carbon Steel  
 Shaft Sleeve: Copper  
 Impeller: Noryl®<sup>1</sup>  
 Face Plate: 305 Stainless Steel  
 Coupler: Carbon Steel, EPDM Insert  
 Mechanical Seal: Carbon/Ceramic  
 Cup & Bellows: Buna  
 Spring, Holder, Retainer: Stainless Steel

### Performance Data

Max. Temp: 225°F  
 Max. WP: 125 psi

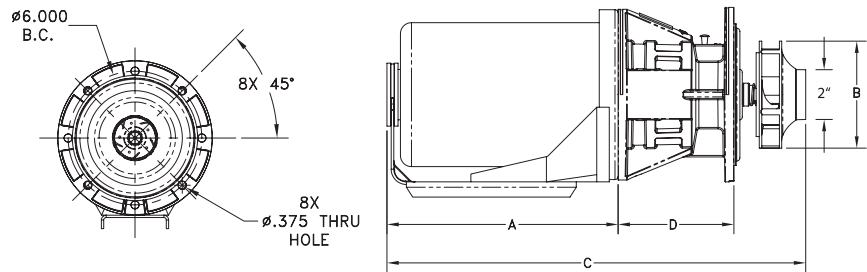
<sup>1</sup>Trademark of El Dupont de Nemours, Inc.

### Application

Taco HPK Series Header Pump kits are an ideal choice for high quality replacements of OEM header pumps. Made with dependable ProFit® components, each header pump is factory tested and designed to match original performance specifications.

### Pump Dimensions & Weights

|            | A       |     | B     |     | C       |     | D     |     | Ship Wt. |      |
|------------|---------|-----|-------|-----|---------|-----|-------|-----|----------|------|
| Model      | in.     | mm  | in.   | mm  | in.     | mm  | in.   | mm  | lbs.     | Kg   |
| HPK-D-100S | 9-3/16  | 230 | 4-1/4 | 108 | 16-9/16 | 420 | 4-5/8 | 117 | 31.0     | 14.1 |
| HPK-D-102S | 9-13/16 | 249 | 4-1/2 | 114 | 17-5/16 | 439 | 4-5/8 | 117 | 40.0     | 18.2 |



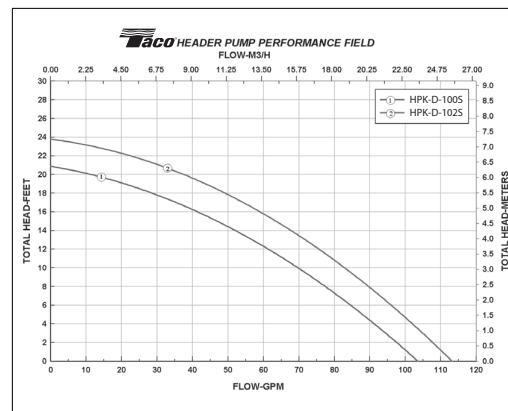
### Electrical Data

| Model      | Volts | Hz | Ph | RPM  | HP  | Amb Temp | Amps | Service Factor |
|------------|-------|----|----|------|-----|----------|------|----------------|
| HPK-D-100S | 115   | 60 | 1  | 1725 | 1/2 | 50°C     | 6.0  | 1.5            |
| HPK-D-102S | 115   | 60 | 1  | 1725 | 3/4 | 50°C     | 9.0  | 1.5            |

Open Drip Proof  
 Automatic Thermal Overload  
 Resilient Mount- 1/2HP  
 C-Face Mount- 3/4HP

Class B Insulation  
 Capacitor Start

### Performance Field - 60Hz



### HPK Replacement Parts

| Part              | HPK-D-100     | HPK-D-102     |
|-------------------|---------------|---------------|
| Motor             | MOT-D-102S    | MOT-D-104S    |
| Bearing Assembly  | BRG-D-100     | BRG-D-100     |
| Coupler           | COU-D-100     | COU-D-100     |
| Seal Kit          | SLK-ABCDE-100 | SLK-ABCDE-100 |
| Impeller          | IMP-D-105     | IMP-D-106     |
| Body Gasket       | GSK-D-100     | GSK-D-100     |
| Bearing Cartridge | CAR-ABCD-100  | CAR-ABCD-10   |

