

# Wastewater

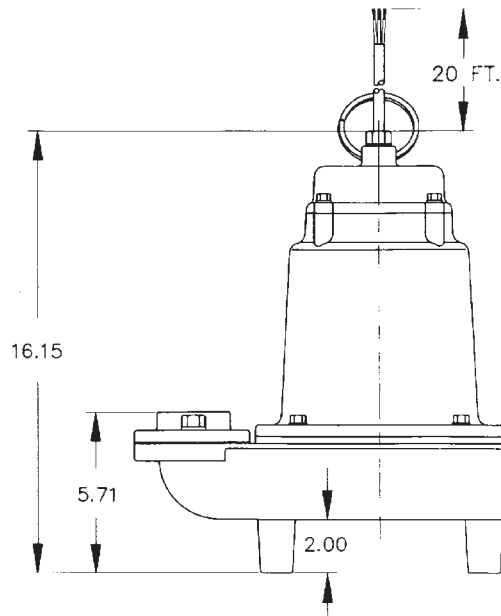
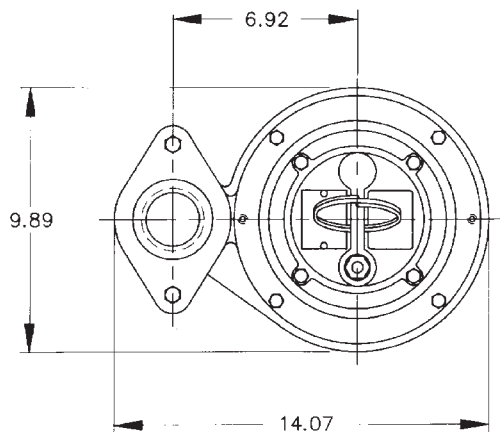
## 16EH Series



### Features

- Handles liquids and solid waste materials up to 3/4" diameter
- Cast iron pump housings with protective epoxy coating for corrosion and rust resistance
- Oil-filled motor housings for lifetime lubrication and rapid heat dissipation
- Stainless steel screws, bolts and lifting ring
- Mechanical seal (stainless steel spring, nitrite parts, carbon and ceramic faces) for long life and reliability
- Secondary exclusion seal to help protect mechanical seal
- High speed, 3450 RPM, 1 HP, ball bearing motor and thermal overload protection
- Permanent split capacitor design
- Capacitor and power cord connections isolated from oil-filled housing for ease of field maintenance
- Dynamically balanced two vane non-clogging impeller with pump-out vanes extend life of pump

## Dimensional Outline



## Specifications

| Model No. | Item No. | Discharge | Solids Size (dia. in.) | Listing | HP | Volts   | Phase | Hz. | RPM  | Amps/Watts | Shutoff |        | Cord Length (ft.) | Weight (lbs.) |
|-----------|----------|-----------|------------------------|---------|----|---------|-------|-----|------|------------|---------|--------|-------------------|---------------|
|           |          |           |                        |         |    |         |       |     |      |            | Ft.     | P.S.I. |                   |               |
| 16EH-CIM  | 514520*  | 2" FNPT   | 3/4                    | UL/CSA  | 1  | 230     | 1     | 60  | 3450 | 10.2/2200  | 81      | 35.1   | 20                | 82            |
| 16EH-CIM  | 514530*  | 2" FNPT   | 3/4                    | UL/CSA  | 1  | 208-240 | 3*    | 60  | 3450 | 6.6/1350   | 81      | 35.1   | 20                | 82            |
| 16EH-CIM  | 514540*  | 2" FNPT   | 3/4                    | UL/CSA  | 1  | 460     | 3*    | 60  | 3450 | 3.2/1350   | 81      | 35.1   | 20                | 82            |
| 16EH-CIM  | 514550   | 2" FNPT   | 3/4                    | CSA     | 1  | 575     | 3*    | 60  | 3450 | 2.5/1350   | 81      | 35.1   | 20                | 82            |

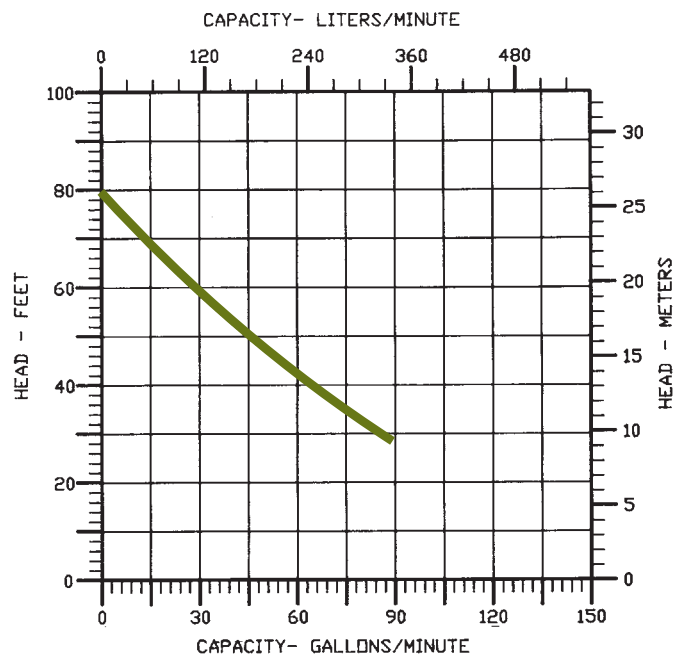
\*without plug

\*3 phase pumps require a control panel for operation

## Construction

|                       |                               |
|-----------------------|-------------------------------|
| Motor Housing         | Epoxy-coated cast iron        |
| Impeller Material     | Epoxy-coated cast iron        |
| Impeller Type         | Non-clog                      |
| Volute                | Epoxy-coated cast iron        |
| Power Cord            | 16/3, STW                     |
| Mechanical Shaft Seal | Carbon/Ceramic                |
| Fasteners             | Stainless steel               |
| Shaft                 | Stainless steel               |
| Bearings              | Upper and lower ball bearings |

## Performance Data



**Franklin Electric**

P.O. Box 12010  
Oklahoma City, OK 73157-2010  
Phone: 1.800.701.7894  
Fax: 1.800.678.7867  
www.LittleGiantPump.com



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