



A RUTHMAN COMPANY

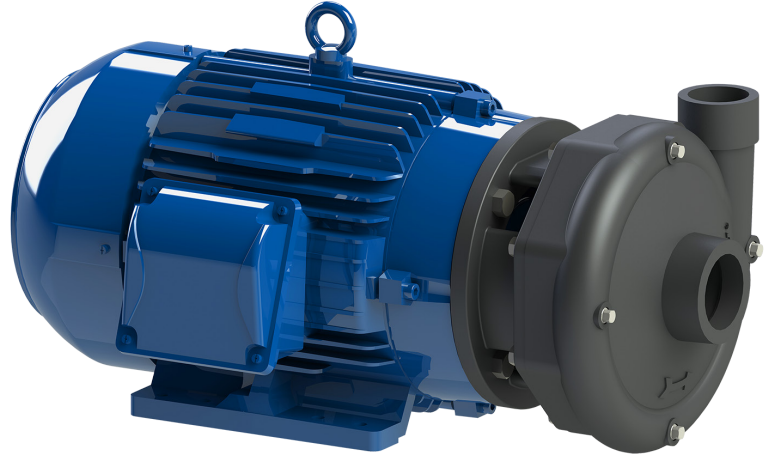
# 7800 Series Horizontal Pumps

11034-JM

1750 RPM

Gusher 7800 Series Horizontal pumps provide years of trouble-free, low maintenance operation. If service is needed beyond standard periodic lubrication, the back pullout design cuts downtime to a minimum.

With the back pullout design, all pump components are removed and reinstalled without disconnecting the piping. After completing repairs (typically replacement of the seal assembly or shaft sleeve) the pump is quickly returned to operation.



## Key Specifications

**Type:** Centrifugal, End Suction

**Flow:** Up to 95 gpm

**Head:** Up to 74' TDH

**Liquid Temp:** Max 180° F

**Max Solid Size:** .375"

**Motor Type:** Standard JM Motor

**Intake:** 2"

**Discharge:** 1.5"

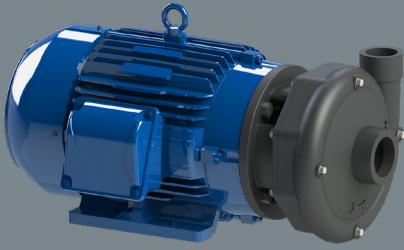
**Power:** 1 hp, 1.5 hp, 2 hp and 3 hp

## Features

- Back pullout design reduces service downtime
- Durable one-piece shaft eliminates risk of coupling misalignment
- Renewable shaft sleeve protects shaft from wear
- Mechanical seal prevents leakage
- Enclosed impeller for maximum efficiency

## Options

- Cast Iron or 316 Stainless Steel construction
- Choice of 1 or 3 phase motor
- Multiple mechanical seal materials
- Impeller variations: 316 Stainless Steel
- Seal flush line addition



## Low Maintenance

- Long service life
- Back pullout design
- Renewable shaft sleeve

## Custom Design

- Choice of materials
- Choice of seals
- Choice of impellers

## Applications

- Machine tool coolant systems
- Cooling towers and chillers
- Industrial spray washers
- Industrial washing machines
- Paint/Ecoat paint systems
- Paper pulp
- Wastewater
- Water purification



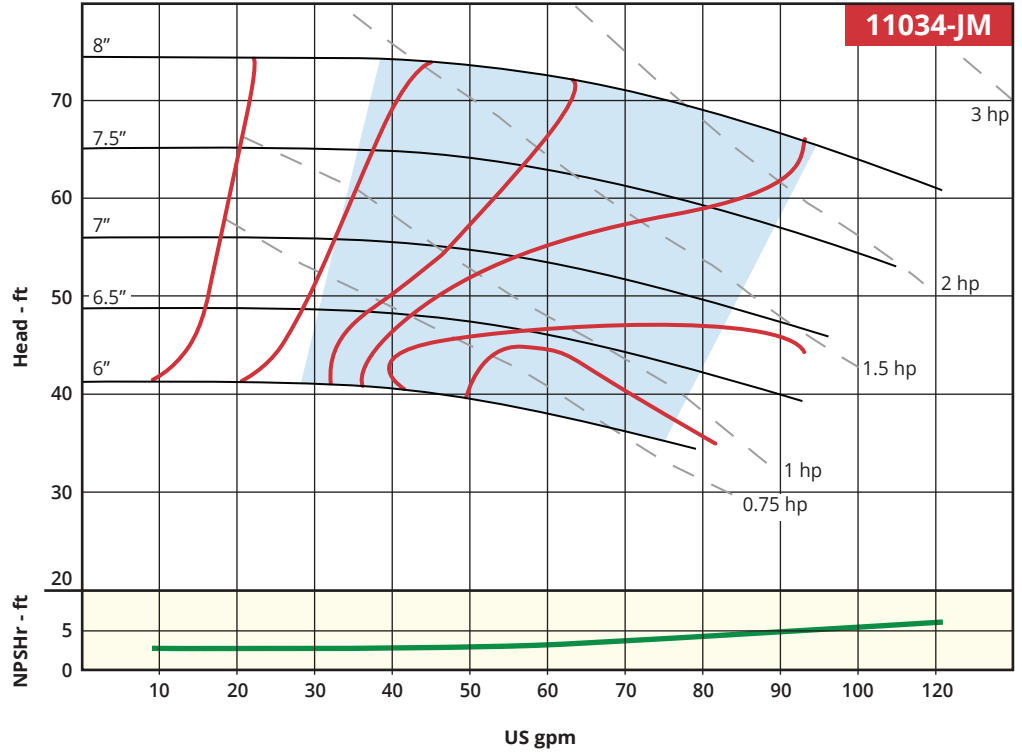
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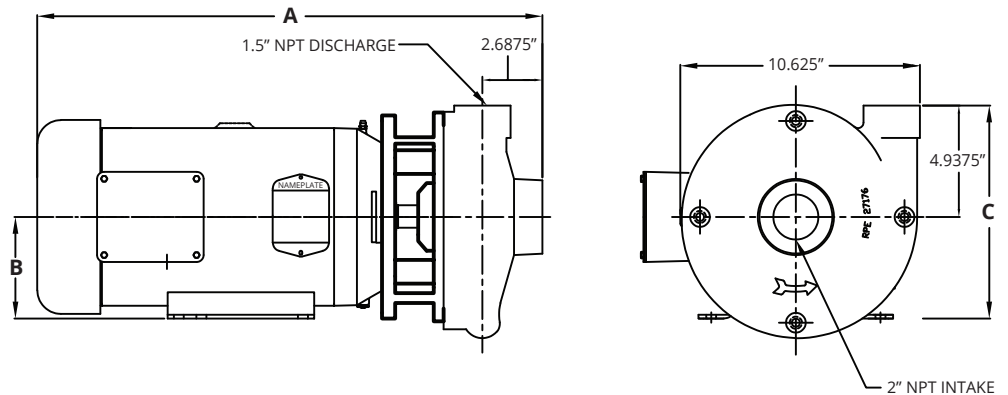
## Performance Curve

1750 RPM

### Recommended Operating Range



## Dimensions\*



| HP  | Total Length (A) | Motor Center to Foot (B) | Total Height (C) | Weight (lbs) |
|-----|------------------|--------------------------|------------------|--------------|
| 1   | 18.50"           | 3.50"                    | 8.50"            | 100          |
| 1.5 | 18.50"           | 3.50"                    | 8.50"            | 110          |
| 2   | 18.50"           | 3.50"                    | 8.50"            | 110          |
| 3   | 20.25"           | 4.50"                    | 9.50"            | 140          |

\*For reference only; not for construction. Contact Gusher Engineering for certified drawings.