



CORNELL PUMP COMPANY

100 - 250 GPM

1.5 YH

200 - 400 Feet TDH

STANDARD SPECIFICATION

Discharge - 1.5 inch threaded discharge

Suction - 2 inch threaded suction

Impeller - Enclosed cast iron

Volute - Right hand tangential discharge, four positions

Mechanical Seal or Traditional Packing - Single type 1 carbon ceramic mechanical seal: Cycloseal® design, Run-dry available

Footprint - Matches Cornell's historical 1.5Y

Materials of Construction

- Cast iron bronze fitted
- Other materials available

PURCHASE OPTIONS

• Complete Pump

- Fully assembled at the factory
- Ready to go to the field

• Pump End Kit

- Finished components
 - PrePainted
- Easy assembly
 - Common tools
 - Simple instructions

Obtain drives locally or through Cornell

MOUNTING OPTIONS

• Close Coupled Electric

- Standard JP motor shaft
 - Standard Efficiency
 - Cornell's Energy Efficient Design

• Frame Mount

- Cornell F5
- Cornell F85

• Engine Bracket

- Cornell EM5 (SAE 5)
- Cornell EM309 (SAE 5)
- Cornell EM85 (SAE 3 and 4)



FEATURES & BENEFITS

• Cornell's Tradition of Excellence:

- **Highest Quality Products**
- **Experience**
 - Over 50 years in the centrifugal pump business
- **Optimum Hydraulics**
 - In house engineering staff and test lab facilities
- **Strong Local Dealer Support**
 - Our agricultural products are sold only through authorized dealerships
 - Dealerships provide full service to customers from sales to replacement parts
 - Dealers maintain and improve their knowledge at educational activities like Cornell's "Pump School"

• Economically Priced:

- **Component Design**
 - Efficient manufacturing through increased volume of common parts
- **Versatility**
 - The ability to mix and match components reducing local inventory of both parts and wholegoods with a wide variety of pumps and mounting configurations for the customer

• Exceptional Design:

- **Efficiency**
 - Effectively converts energy into fluid flow and pressure
- **Long Product Life**
 - Thick walled castings
 - Heavy duty shafts
 - 20,000 hour bearings
 - Replaceable wear rings and shaft sleeves
 - Reduced thrust load through design and balance lines where appropriate

