

**CORNELL PUMP COMPANY**250 - 2000 GPM **Model 4514T** 20 - 375 Feet TDH**STANDARD SPECIFICATION**

Discharge - 4 inch discharge

Suction - 5 inch suction

Impeller - Enclosed, 2 vane: handles 3" solids

Volute - Right and left hand tangential or centerline discharge, eight positions

Mechanical Seal - Single type 2 tungsten silicon mechanical seal: Cycloseal® design, Run-Dry™ available

Materials of Construction

- Cast iron casing, ductile iron impeller
- Other materials available

MOUNTING OPTIONS

• **Frame Mount**

- Cornell F16
- Cornell F18
- Cornell F18DB

• **Vertical Frame Mount**

- Cornell VF16
- Cornell VF18

• **Vertical Coupled**

- Cornell VC16
- Cornell VC18

• **Engine Bracket**

- Cornell EM18 (SAE 1, 2, 3)
- Cornell EM18DB (SAE 1, 2, 3)

• **Oil Filled Bearing Frame**

- Available

• **Redi-Prime® Self Priming System**

- Available

AVAILABILITY

• **Specialty Pump**

- Cornell Pump Company will design and manufacture a variation of this pump specifically designed for your application

**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"

• **Exceptional Design:**

- **Efficiency**
 - Effectively converts energy into fluid flow and pressure
- **Long Product Life**
 - Thick walled castings
 - Heavy duty shafts
 - 20,000 hour bearings - minimum
 - Replaceable wear rings and shaft sleeves

