



EFFICIENT BY DESIGN

## 4NHTB Manure Pump

High Head Solids Handling Pump  
Max. 450 m<sup>3</sup>/hour, Max. 140 mwc



### Pump specifications:

Type .....	4NHTB-F18DB
Max. flow .....	450 m <sup>3</sup> /hour
Max. pressure .....	140 mwc
Efficiency .....	71% at BEP
Connections .....	5" x 4" ANSI
Solids handling .....	76 mm
Impeller type .....	Enclosed impeller
Impeller material .....	Cast iron GG20
Casing material .....	Ductile iron GGG50
Pump shaft .....	Stress-proof SAE 1144
Mechanical seal .....	Cycloseal® + Run-dry
Weight (net) .....	450 kg

## FEATURES

### Heavy Duty

For the toughest manure and slurry applications, Cornell offers a wide range of heavy duty high head solids handling pumps. The manure pumps are all iron construction with hard face mechanical seals and double bearing frames.

### Energy Efficiency

Cornell Pumps are designed to deliver Best in Class Efficiency offering the most cost effective and sustainable technology available in the market.

### Cycloseal®

Cornell's Cycloseal design has proven itself in the toughest applications, in some cases more than tripling the normally expected mechanical seal life. With its unique deflector vanes, works with the impeller back vanes to create a cyclo-action. This action removes solids and abrasive material from the seal area.

### Cornell Pumps in Europe

A large team of professionals with over 60 years experience in the market are at your service in 7 different languages if you require any assistance with technical and commercial questions about pumps and complete pumping installations.

### Central Warehouse in the Netherlands

- Wide range of Pumps and Parts in stock
- Dedicated customer help-desk (24/7)
- Optional European on-site servicing
- CE Machinery Directive 98/37
- ISO 9001 and ISO 14001 certified





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## PERFORMANCE CURVES

(Density: 998.3 kg/m<sup>3</sup>)

