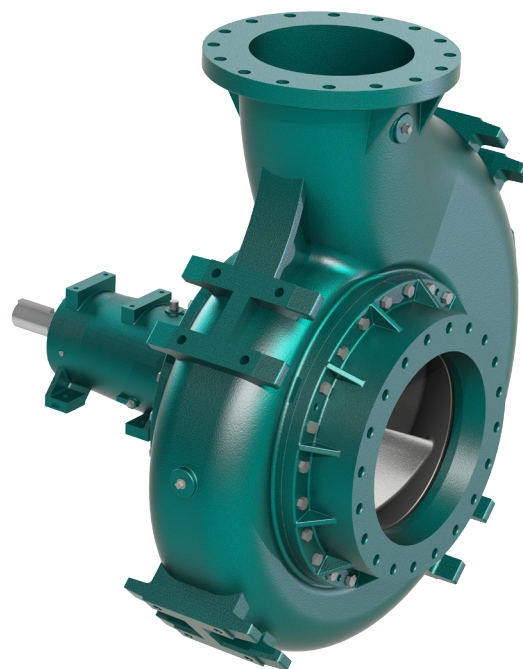




18NHFL



A typical picture of the pump is shown. Please contact Cornell Pump Company for further details. All information is approximate and for general guidance only.

AVAILABLE MOUNTING CONFIGURATIONS

- 18NHFL-F FRAME MOUNT
- 18NHFL-RP-F REDI-PRIME FRAME MOUNT
- 18NHFL-VF VERTICAL FRAME MOUNT
- 18NHFL-VC VERTICAL COUPLED

OPERATING LEVELS

MIN FLOW	3000 GPM	681.4 m ³ /h
MAX FLOW	23000 GPM	5223.9 m ³ /h
DISCHARGE SIZE	18"	457.2 mm
SUCTION SIZE	20"	508 mm
SOLIDS HANDLING	5"	127 mm
MAX SPEED	890 RPM	890 RPM
SHUT-OFF HEAD	189'	57.6 m
BEP HEAD	128'	39.0 m
BEP FLOW	15347 GPM	3485.7 m ³ /h
BEP PERCENT	87%	87%

PARTS	STANDARD MATERIAL (ALL IRON)
WEAR RING	CAST IRON
IMPELLER	DUCTILE IRON
VOLUTE	DUCTILE IRON
SHAFT	4140/42 BD
SHAFT SLEEVE	416 SS
SUCTION COVER	DUCTILE IRON
MECHANICAL SEAL	TUNGSTEN CARBIDE VS. SILICON CARBIDE
BEARING FRAME	CAST IRON

The 18NHFL pump is designed with Cornell's renowned quality and durability. It features an 18" discharge, 20" suction, F12 bearing frame and enclosed 4-vane impeller. Cornell's patented Cycloseal® design is standard, with a Type 2 single mechanical seal with Viton elastomers, stainless steel hardware and tungsten carbide vs. silicon carbide seal faces for abrasion resistance.

- Excellent efficiencies
- Heavy-duty F12 bearing frame
- Patented Cycloseal design
- Heavy duty construction
- RunDry™ option (Indefinite run dry capability)
- Redi-Prime® available for fully-automatic continuous priming



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



REFRIGERATION



RENTAL

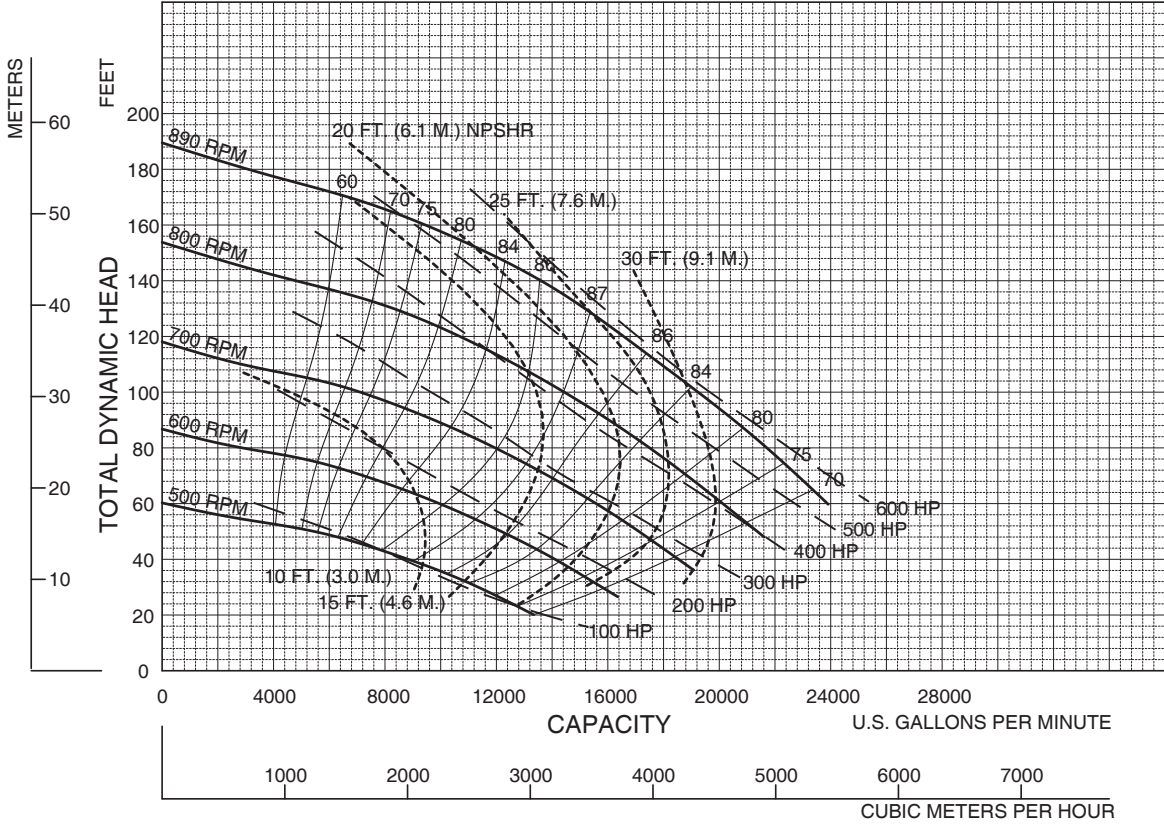
18NHFL



Speed	Impeller Dia.	Style	Solids Dia.	N _s	Suction	Discharge	No. vanes
VARIOUS	26.5"	ENCLOSED	5.0"	2890	20"	18"	4

Feet x .305 = Meters
 Inches x 25.4 = Millimeters
 GPM x .227 = Cubic Meters/Hour
 GPM x 3.785 = Liters/Minute
 HP x .746 = KW

SINGLE VOLUTE MOUNTING CONFIG.: F, VF, VC



Performances shown are for cool water, frame mounted configuration with packing. Other liquids, mounting configurations, or seal arrangements may require horsepower and/or performance adjustments.

NEW PAGE

18NHFL VA

09/02/03



Cornell Pump Company • Portland, Oregon

18NHFL - VARIOUS RPM