

8NHPP



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

8NHPP-F18K FRAME MOUNT

| OPERATING LEVELS | | |
|------------------|----------|--------------------------|
| MIN FLOW | 525 GPM | 119.24 m ³ /h |
| MAX FLOW | 1600 GPM | 363.40 m ³ /h |
| DISCHARGE SIZE | 8" | 200 mm |
| SUCTION SIZE | 8" | 200 mm |
| SOLIDS HANDLING | 5"x9" | 127mm x 228.6mm |
| MAX SPEED | 950 RPM | 950 RPM |
| SHUT-OFF HEAD | 86' | 26.21 m |
| BEP HEAD | 47' | 14.3 m |
| BEP FLOW | 1400 GPM | 317.97 m ³ /h |
| BEP PERCENT | 65% | 65% |

| PARTS | STANDARD MATERIAL (FOOD PUMPS) |
|---------------|--------------------------------|
| WEAR RING | CAST IRON, ASTM A48 |
| IMPELLER | 304 STAINLESS STEEL |
| VOLUTE | DUCTILE IRON, ASTM A536 |
| SHAFT | STRESSPROOF STEEL |
| SHAFT SLEEVE | 303 STAINLESS STEEL |
| SEAL HOUSING | DUCTILE IRON, ASTM A536 |
| SEAL | FOOD GRADE PACKING |
| BEARING FRAME | CAST IRON, ASTM A48 |

The 8NHPP pump is designed with Cornell's renowned quality and durability. It features an 8" discharge and a 8" suction with an offset volute and enclosed, single-port impeller. Cornell's patented Cycloseal® design is optional, with a Type 2 single mechanical seal with Buna-N elastomers, stainless steel hardware and tungsten carbide vs. silicon carbide seal faces for abrasion resistance. Also available with food-grade packing. Bearings are heavy-duty, oil or grease lubricated, deep groove ball bearings with a minimum of 50,000 hours bearing life.

- Offset Volute Design, passes food through the center of discharge without contacting the volute wall
- Single port impeller for handling whole or processed foods
- Available with Food grade packing (Standard) or Cycloseal
- Standard with Ductile iron wet end and a 304SS impeller
- Optional Run-Dry lubrication system



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



REFRIGERATION



RENTAL

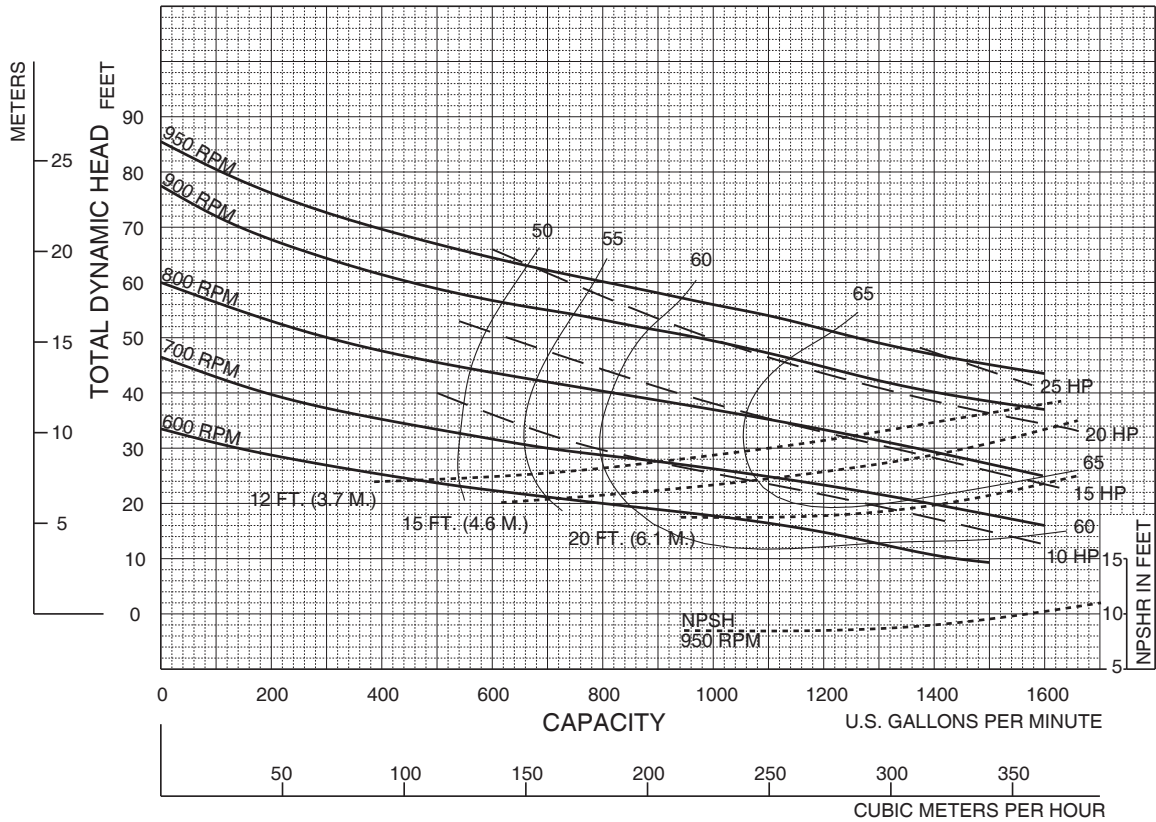
8NHPP



| Speed | Impeller Dia. | Style | Solids Dia. | N _S | Suction | Discharge | No. vanes |
|---------|---------------|----------|-------------|----------------|---------|-----------|-----------|
| VARIOUS | 16.38" | ENCLOSED | 5"x9" | 2100 | 8" | 8" | 1 |

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.: CC, VM, F, VF, EM, VC



Performances shown are for cool water, close-coupled electric configuration with Cyclo Seal.™ Other mounting styles or liquids may require horsepower and/or performance adjustments.

NEW PAGE

8NHPPVA

6/99



Cornell Pump Company • Portland, Oregon

8NHPP - VARIOUS RPM