

## AVAILABLE MOUNTING CONFIGURATIONS

4409CP-EM ENGINE MOUNT

## OPERATING LEVELS

|                 |          |                       |
|-----------------|----------|-----------------------|
| MIN FLOW        | 140 GPM  | 32 m <sup>3</sup> /h  |
| MAX FLOW        | 1050 GPM | 238 m <sup>3</sup> /h |
| DISCHARGE SIZE  | 4"       | 102 mm                |
| SUCTION SIZE    | 4"       | 102 mm                |
| SOLIDS HANDLING | 2.5"     | 64 mm                 |
| MAX SPEED       | 2200 RPM | 2200 RPM              |
| SHUT-OFF HEAD   | 139'     | 42 m                  |
| BEP HEAD        | 90'      | 27 m                  |
| BEP FLOW        | 800 GPM  | 182 m <sup>3</sup> /h |
| BEP PERCENT     | 73%      | 73%                   |



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.

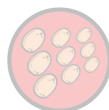
| PARTS           | STANDARD MATERIAL (ALL IRON)      |
|-----------------|-----------------------------------|
| IMPELLER        | DUCTILE IRON                      |
| VOLUTE          | DUCTILE IRON                      |
| SHAFT           | 17-4 SS                           |
| SHAFT SLEEVE    | 303 SS                            |
| SUCTION COVER   | DUCTILE IRON                      |
| SEAL HOUSING    | DUCTILE IRON                      |
| MECHANICAL SEAL | SILICON CARBIDE X SILICON CARBIDE |
| BEARING FRAME   | DUCTILE IRON                      |

The 4409CP pump is designed with Cornell's renowned quality and durability. It features a 4" discharge, 4" suction, and enclosed impeller. Cornell's patented Cycloseal® design is standard, with a Type 2 single mechanical seal with Buna-N elastomers, stainless steel hardware and silicon carbide vs. silicon carbide seal faces for abrasion resistance.

- Low cost, durable Cornell Quality
- Completely re-buildable
- Redi-Prime® available for fully-automatic continuous priming
- Also available with Venturi Prime option
- Competitive Pricing



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



REFRIGERATION

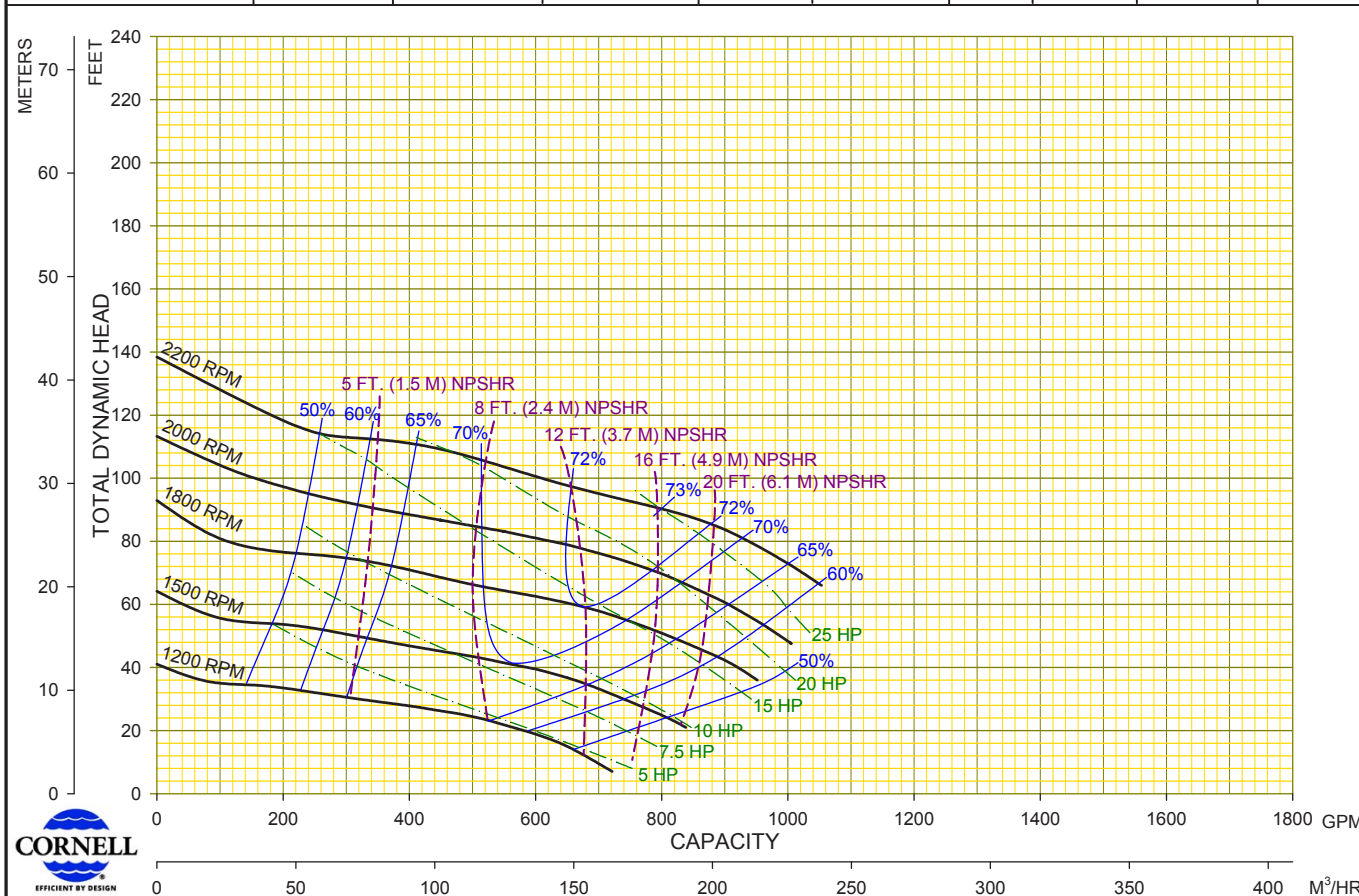


RENTAL



# 4409CP

| Performances shown are for S.G. 1.0<br>60°F water, frame mount configuration.<br>Other mounting styles or S.G.<br>may require curve adjustments. | Speed   | Impeller Dia. | Style     | Volute | Solids Dia. | N <sub>s</sub> | Suction | Discharge | No. Vanes |
|--|---------|---------------|-----------|--------|-------------|----------------|---------|-----------|-----------|
|  | VARIOUS | 8.75"         | SEMI-OPEN | SINGLE | 2.5"        | 2150           | 4"      | 4"        | 2         |



|  |          |                      |          |  |                    |
|--|----------|----------------------|----------|--|--------------------|
| Cornell Pump Company • Clackamas, Oregon | 01<br>00 | 01/05/16<br>05/21/15 | BE<br>BE | MODEL : 4409CP<br>TYPE : SOLIDS HANDLING | CURVE NO: 4409CPVA |
|--|----------|----------------------|----------|--|--------------------|