

**AVAILABLE MOUNTING CONFIGURATIONS**

3408ZX-F FRAME MOUNT  
3408ZX-RP-F REDI-PRIME FRAME MOUNT  
3408ZX-EM ENGINE MOUNT  
3408ZX-RP-EM REDI-PRIME ENGINE MOUNT  
3408ZX-CC CLOSE- COUPLED

**OPERATING LEVELS**

|                  |                  |                          |
|------------------|------------------|--------------------------|
| MIN FLOW         | 210 GPM          | 47.69 m <sup>3</sup> /h  |
| MAX FLOW         | 1050 GPM         | 238.48 m <sup>3</sup> /h |
| DISCHARGE SIZE   | 3"               | 76.2 mm                  |
| SUCTION SIZE     | 4"               | 101.6 mm                 |
| SOLIDS HANDLING  | 0.6"             | 15.24 mm                 |
| MAX SPEED        | 3600 RPM         | 3600 RPM                 |
| SHUT-OFF HEAD    | 322'             | 98.14 m                  |
| BEP HEAD         | 275'             | 83.82 m                  |
| BEP FLOW         | 975 GPM          | 221.44 m <sup>3</sup> /h |
| BEP PERCENT      | 83%              | 83%                      |
| HP RANGE         | 100 HP           | 74.57 kW                 |
| OPERATING SPEEDS | 1500 to 3600 RPM | 1500 to 3600 RPM         |



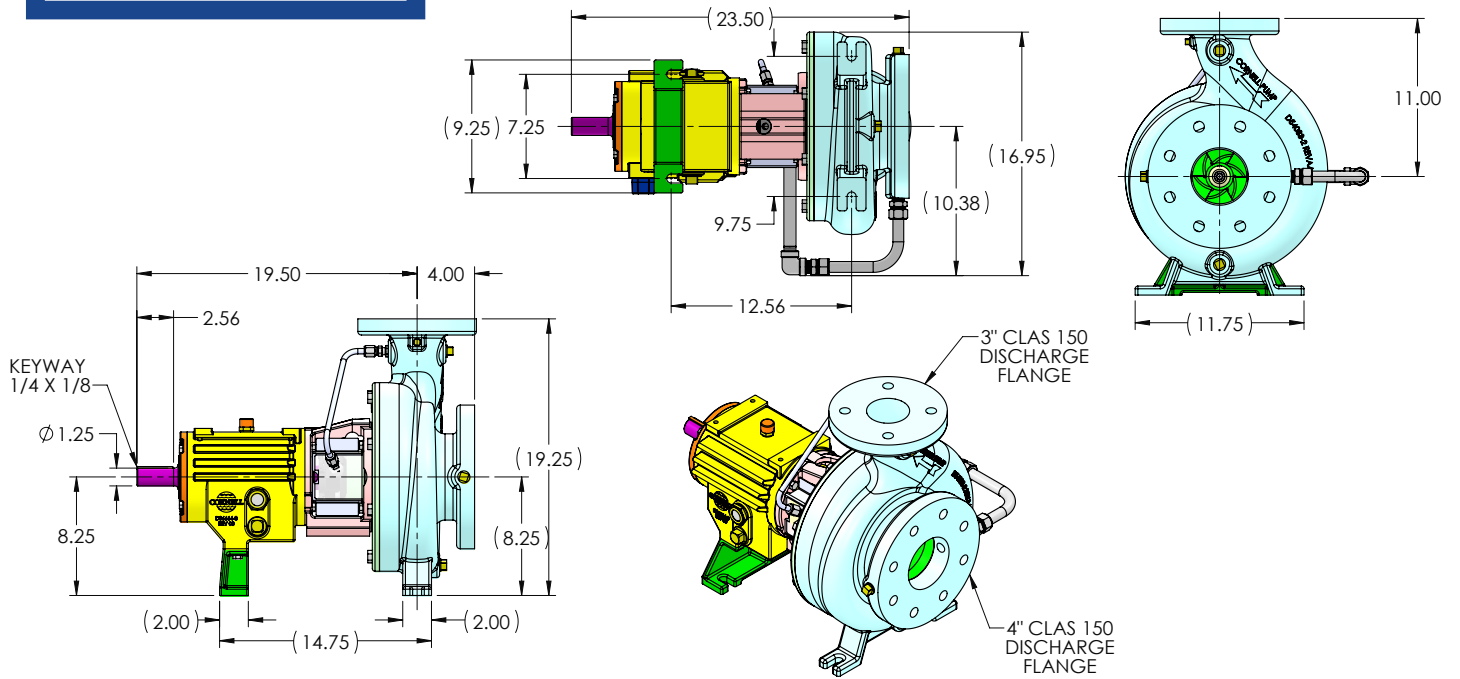
A typical picture of the pump is shown. Please contact Cornell Pump Company for further details. All information is approximate and for general guidance only.

| PARTS           | STANDARD MATERIAL (ALL IRON) | CD4MCU                 |
|-----------------|------------------------------|------------------------|
| WEAR RING       | ASTM A395 DUCTILE IRON       | ASTM A890 GR 1B CD4MCU |
| IMPELLER        | ASTM A395 DUCTILE IRON       | ASTM A890 GR 1B CD4MCU |
| VOLUTE          | ASTM A395 DUCTILE IRON       | ASTM A890 GR 1B CD4MCU |
| BACKPLATE       | ASTM A395 DUCTILE IRON       | ASTM A890 GR 1B CD4MCU |
| BEARING HOUSING | ASTM A395 DUCTILE IRON       | ASTM A395 DUCTILE IRON |
| SHAFT           | SAE 1144 STRESSPROOF STEEL   | 316 STAINLESS          |
| SHAFT SLEEVE    | 316 STAINLESS                | ASTM A890 GR 1B CD4MCU |

The 3408ZX pump is designed with Cornell's renowned quality and durability for clearwater pumpage. It features a 3" discharge, 4" suction, and enclosed impeller with a centerline ANSI dimensional volute. The pump has a Class 150 LB. ANSI flange and is built with a F110 bearing frame. Available in All Iron or CD4MCu materials. Frame Mounted, Engine Mounted or Close Coupled configurations are available with a Type 1 single mechanical, cartridge seals, or packing.

- Meets ANSI Dimensional Standards
- Centerline Construction
- Frame Mounted, Engine Mounted or Close Coupled
- Redi-Prime® or Run-Dry® available
- Oil Lubricated Bearing Frame
- Isolator Bearing Frame Seals
- Cartridge or Type 1 Mechanical Seals
- Hydraulic Balance Line
- Pulse Vibration and Temperature Monitor
- Co-Pilot Ready
- Industry-leading efficiencies
- Double Volute





| Speed   | Impeller Dia. | Style    | Volute | Solids Dia. | N <sub>s</sub> | Suction | Discharge | No. Vanes |
|---------|---------------|----------|--------|-------------|----------------|---------|-----------|-----------|
| VARIOUS | 8.88"         | ENCLOSED | SINGLE | .60"        | 1625           | 4"      | 3"        | 6         |

