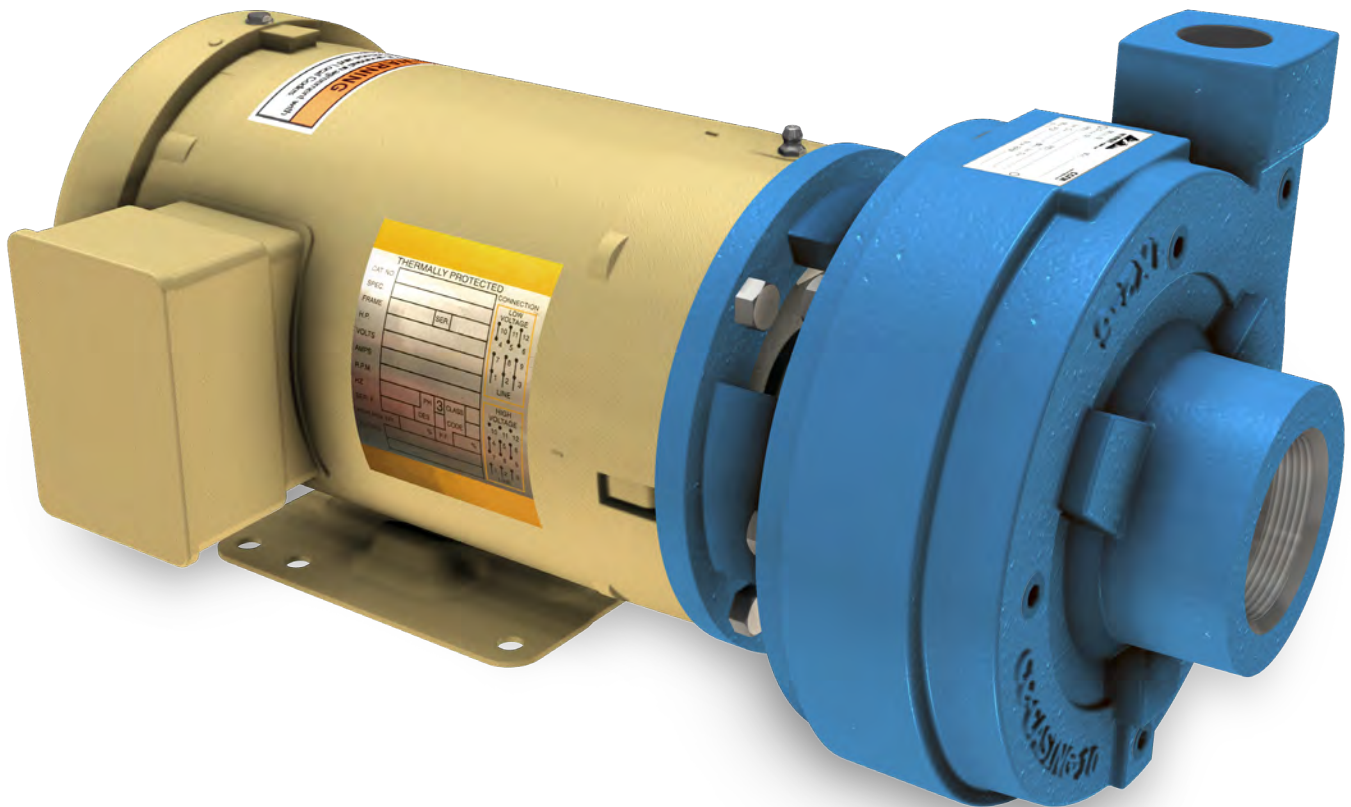


# SUMMIT™

# CC

# CC Motor Mounted Clean Water Pump



## Close Coupled Pump



**SUMMIT™**  
**PUMP, Inc**

[www.SUMMITPUMP.com](http://www.SUMMITPUMP.com)

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## Features

SUMMIT™ CC pumps are horizontal, end suction, centrifugal pumps designed for general service such as clean water, solvents, light oils, non-corrosive chemicals, coolants and brines. Available in capacities to 2300 GPM heads to 440 feet, these pumps are an economical and dependable solution for your pumping needs. All flanges are 125lb ANSI B16.1 rating; NPT connections are standard on 6" and most 8" sizes. A renewable bronze shaft sleeve is standard on cast iron pumps and a 316ss shaft sleeve is standard on alloy pumps.

### Close Coupled Pump - Model CC

The close coupled pump is directly mounted to a NEMA "C" face motor, and designed to use minimal space. Motors with TEFC frames use a standard mechanical seal (JM frame), or packing (JP frame). ODP motors and stainless steel shafts are optional.

### Interchangeable Parts

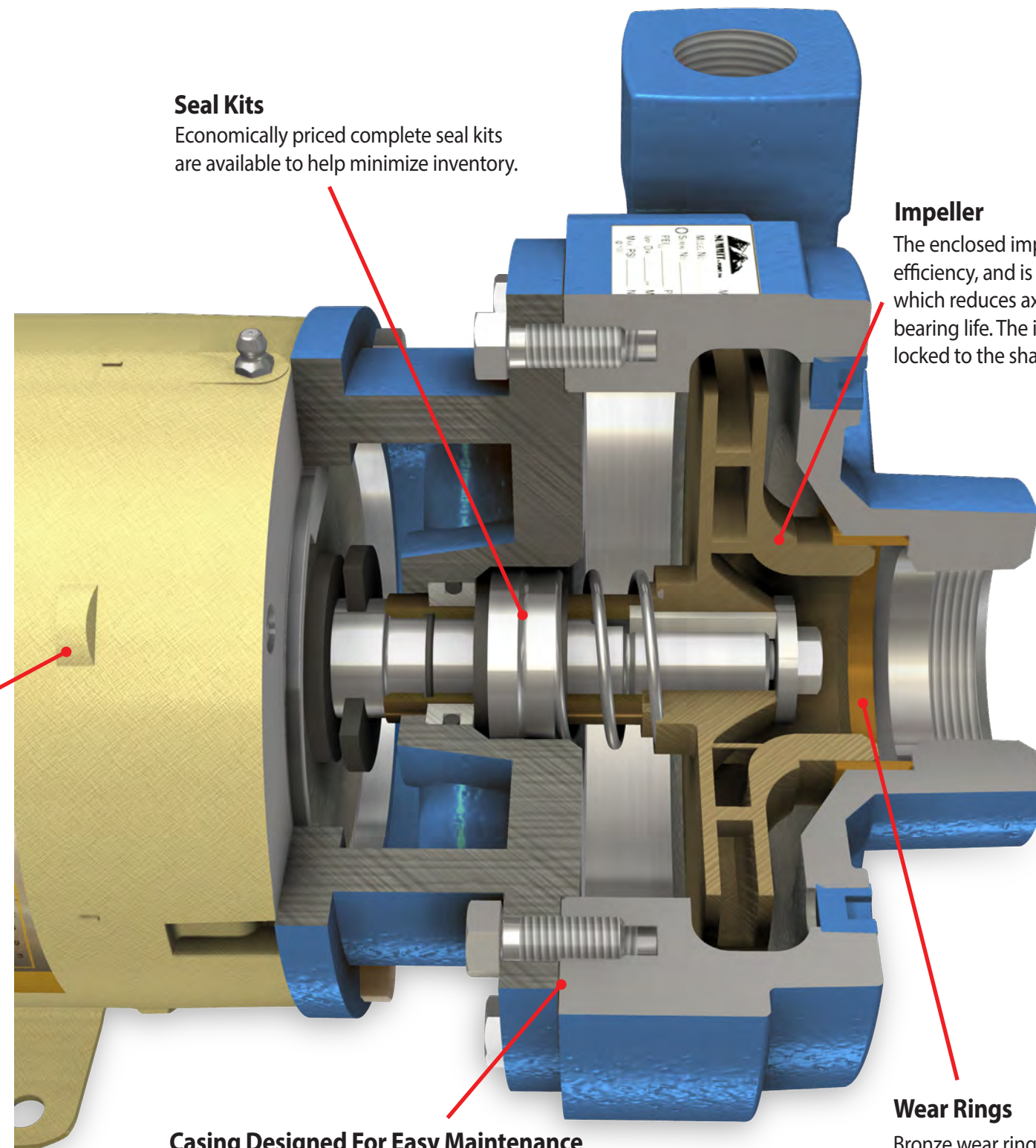
Component parts of similar sizes are interchangeable with the Frame Mounted and Close Coupled Pumps. This means less spare parts inventory and fast delivery of required parts.

### Mechanical Seals

Type 1 seal is standard; constructed of Carbon vs. Silicon Carbide faces, FKM elastomers and stainless steel metal parts. The maximum operating temperature rating is 150°F with a standard seal in water. Higher temperatures are obtainable with optional seal materials.

### 316ss Wet End Option

316ss wet ends are available for corrosive application. All wetted surfaces are constructed of 316ss including: Casing, Impeller, Adaptor, Sleeve, Washer, Impeller Screw and Key.



### Seal Kits

Economically priced complete seal kits are available to help minimize inventory.

### Impeller

The enclosed impeller ensures the highest efficiency, and is hydraulically balanced which reduces axial thrust, and increases bearing life. The impeller is keyed and locked to the shaft.

### Motor

Premium efficiency NEMA JM Motor.

### Casing Designed For Easy Maintenance

Back pull out design allows maintenance of bearing frame without disturbing the suction and discharge piping. Multiple casing discharge positions are possible.

### Wear Rings

Bronze wear rings are easily replaced and prevent casing wear. Rings are not required on 316ss wet ends.



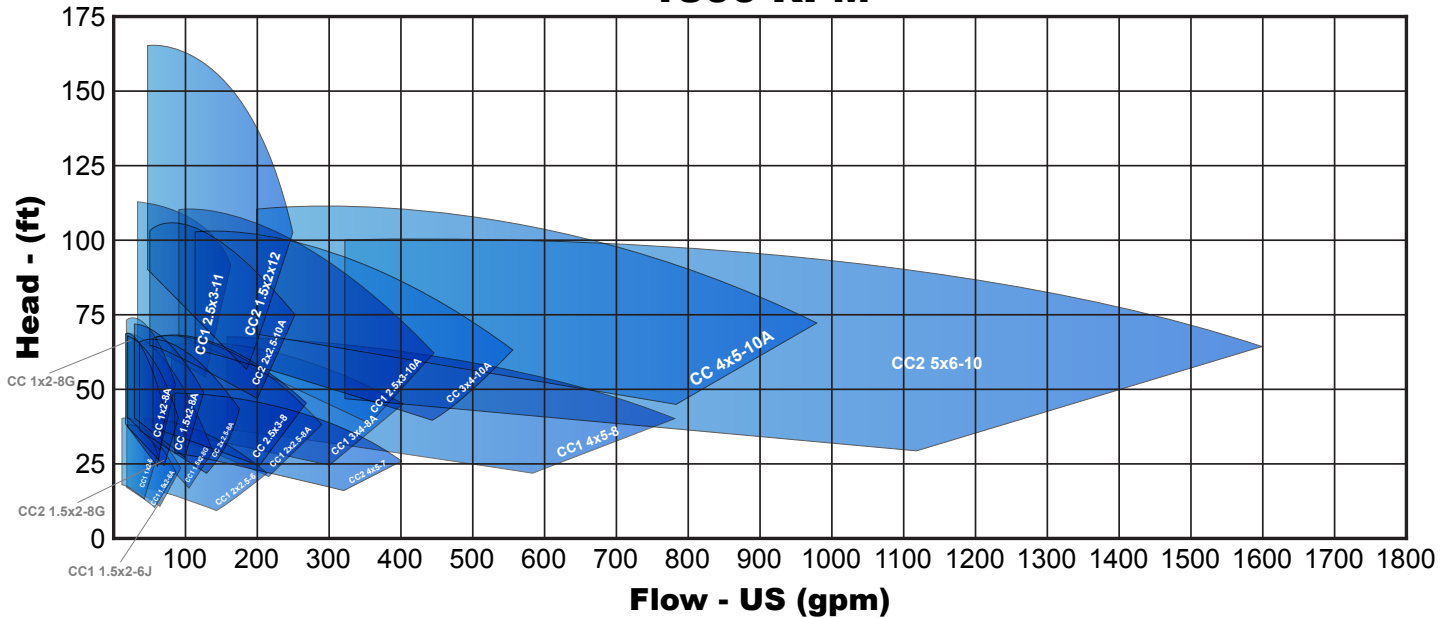
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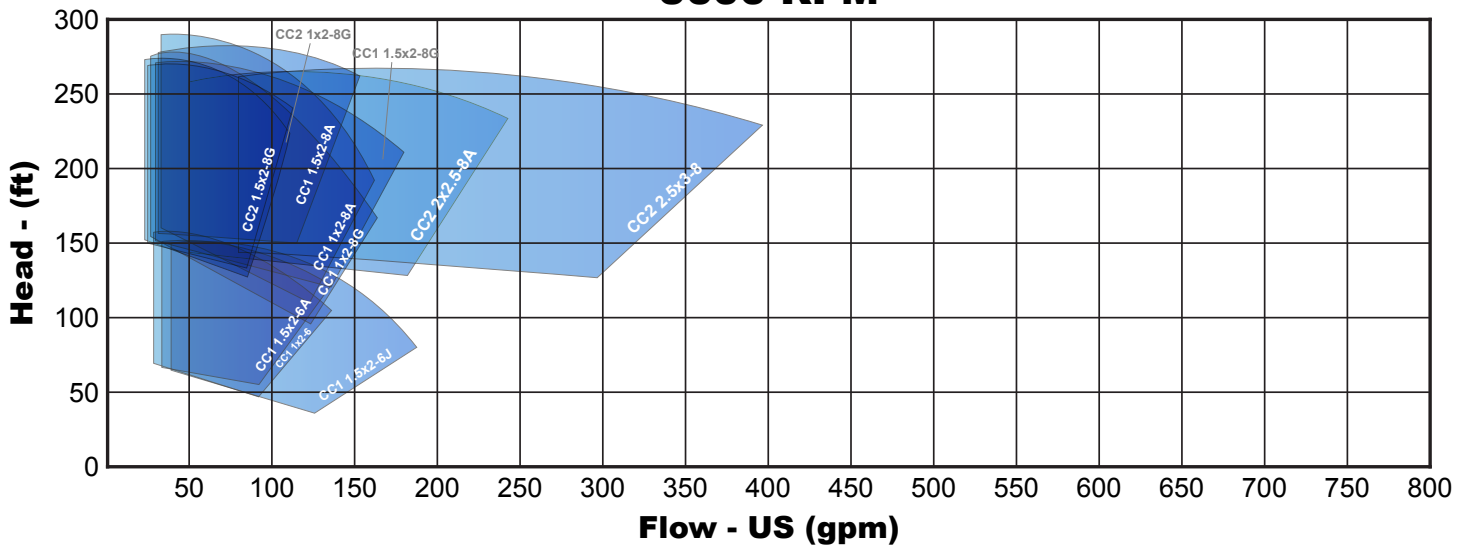
# CC Performance/Sizing Charts

# Performance

## 1800 RPM



## 3600 RPM



Model No.	CC1-1x2-6	CC1-1.5x2-6A	CC1-1.5x2-6J	CC1-2x2-5-6	FM1-2x2.5-6-316SS	CC2-4x5-7	CC1-1x2-8A	CC2-1x2-8A	CC1-1x2-8G	CC2-1x2-8G	CC1-1.5x2-8A	CC2-1.5x2-8A	CC1-1.5x2-8G	CC2-1.5x2-8G	CC1-2x2.5-8A	CC2-2x2.5-8A	CC1-2.5x3-8	CC2-2.5x3-8	CC1-3x4-8A	CC2-3x4-8A	CC1-3x4-8A-316SS	CC2-3x4-8A-316SS	CC1-4x5-8	CC1-2x2.5-10A	CC2-2x2.5-10A	CC1-2.5x3-10A	CC2-2.5x3-10A	CC1-3x4-10A	CC2-3x4-10A	CC1-4x5-10A	CC2-4x5-10A	CC2-5x6-10	CC1-2.5x3-11	CC2-1.5x2-12	CC2-3x4-12		
PEI <sub>CL</sub> 1800 RPM (1440-2160)	*	*	*	0.99	0.96	0.99	0.93	0.85	0.92	0.95	0.84	0.93	0.96	1.00	0.91	0.96	0.97	1.00	0.98	0.98	0.98	0.98	0.96	0.96	0.89	0.96	0.98	0.96	0.98	0.96	0.98	0.97	0.99	0.94	0.99	0.91	0.95
PEI <sub>CL</sub> 3600 RPM (2880-4320)	0.96	0.92	0.98	0.97	0.96	RTF	0.87	0.88	0.87	0.91	0.80	0.88	0.88	0.89	0.96	0.95	0.93	0.95	0.96	1.00	0.96	0.99	Max 1800RPM	Max 1800RPM	Max 1800RPM	Max 1800RPM	Max 1800RPM	Max 1800RPM	Max 1800RPM	Max 1800RPM	Max 1800RPM	Max 1800RPM	Max 1800RPM	RTF	Max 1800RPM	Max 1800RPM	
Max Impeller Dia. (in)	6.00	6.00	6.00	6.00	6.00	7.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.50	12.00	12.00		

\*Outside of DOE Scope