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## 811CC Series

**CLOSE-COUPLED CENTRIFUGAL PUMPS**



### **BIG FEATURES & HIGH PERFORMANCE IN A COMPACT PACKAGE**

Griswold® 811CC (Close-Coupled) Series centrifugal pumps match the features, flexibility and performance of standard 811 pumps while incorporating a compact, space-saving design that offers significant benefits.

### **DIRECT REPLACEMENT**

The 811CC Series pump utilizes a dimensional liquid end that allows easy adaptation to existing ANSI installations. This means that the pump can “drop” right in line using existing piping, providing an easy and economical replacement for most ANSI installations. If desired, you can even keep your existing ANSI casing by quickly and seamlessly replacing a defective or oversized power end with the 811CC Series’ back pullout assembly.

## CUSTOMIZABLE

Your choice of extra heavy-duty stocked ductile iron, stainless steel, and CD4MCuN pump materials, along with a wide selection of seal options allow you to customize the 811CC Series pump to fit a broad range of process applications.

## RELIABLE

Thanks to larger wear areas and back pump-out vanes, the 811CC Series pump's impeller is better equipped to handle corrosive and erosive fluids. The open design minimizes concentrated wear by balancing hydraulic axial thrust loads and reducing stuffing box pressure. The keyed and bolted impeller design prevents loosening in high temperatures or during reverse rotation, and features a renewable sleeve and O-ring seal that prevents corrosion to the motor shaft.

## ECONOMICAL

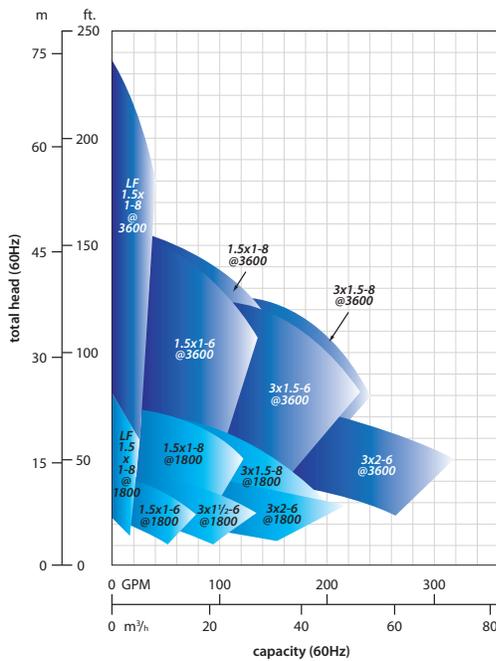
811CC Series pumps reduce the overall installation cost when compared to traditional ANSI pumps by reducing components in the pump assembly. No need for a power frame, ridged baseplate, coupling or guard.

## FEATURES AND BENEFITS

- Direct replacement with ANSI pumps
- Smaller compact footprint
- Economical
- Customizable
- Fully open impeller
- Replaceable shaft sleeve and adapters

# 811CC (Close-Coupled) Series Process Pumps

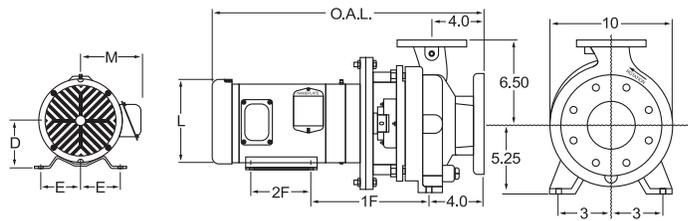
## PERFORMANCE



## 811CC SERIES SIZES & MULTIPLE SPEEDS

- |                      |                   |
|----------------------|-------------------|
| 1.5x1-6 @1800 RPM    | 3x1.5-6 @1800 RPM |
| 1.5x1-6 @3600 RPM    | 3x1.5-6 @3600 RPM |
| LF 1.5x1-8 @1800 RPM | 3x1.5-8 @1800 RPM |
| LF 1.5x1-8 @3600 RPM | 3x1.5-8 @3600 RPM |
| 1.5x1-8 @1800 RPM    | 3x2-6 @1800 RPM   |
| 1.5x1-8 @3600 RPM    | 3x2-6 @3600 RPM   |

## DIMENSIONS



### MOTOR DIMENSIONS

Frame Size	1F	2F	D	E	L	M	OAL
143JP	9	4	3.5	2.75	7.75	7.04	25.89
145JP	9	5	3.5	2.75	7.75	7.04	25.89
182JP	9.5	4.5	3.5	3.75	9.76	8.08	19.96
184JP	9.5	5.5	3.5	3.75	9.76	8.08	28.14

### PIPING FLANGES

Pump Size	Size	Discharge Flange	Size	Suction Flange
1.5x1-6	1	(4) 0.625 Holes - 3.125 BC	1.5	(4) 0.625 Holes - 3.875 BC
3x1.5-6	1.5	(4) 0.625 Holes - 3.875 BC	3	(4) 0.75 Holes - 6 BC
3x2-6	2	(4) 0.75 Holes - 4.75 BC	3	(4) 0.75 Holes - 6 BC
1.5x1-8	1	(4) 0.625 Holes - 3.125 BC	1.5	(4) 0.625 Holes - 3.875 BC
3x1.5-8	1.5	(4) 0.625 Holes - 3.875 BC	3	(4) 0.75 Holes - 6 BC

\* Not to be used for construction unless certified by Griswold

\*\* OAL is based on ODP motors @1800 RPM. Lengths may vary depending on motor manufacture.

**CELEBRATING**

**50**

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