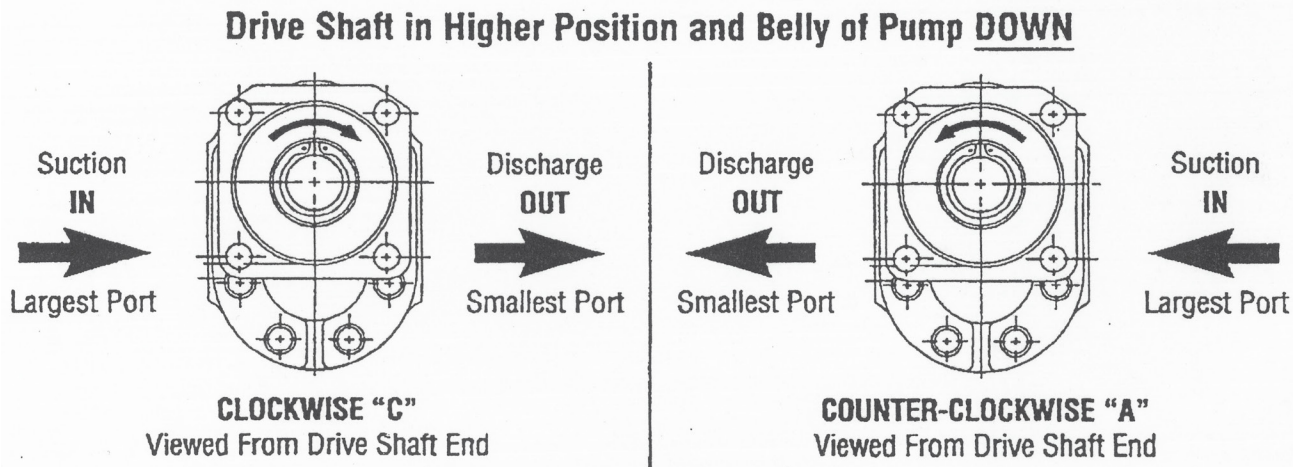


# IDENTIFYING SUCTION & PRESSURE PORTS



## *Single Rotation Pump*

A single rotation pump uses the larger of the two available ports as suction and the smaller as pressure.

## *Bi-Rotational Pump*

Bi-rotational pumps have the same size ports. To identify the inlet port on a bi-rotational pump, determine which way the shaft of the pump is going to turn from the two diagrams above. Plumb accordingly.

# DETERMINING PUMP ROTATION BY PTO ROTATION

PTO	Driven Equipment
OPP (Looks Clockwise)	Counter Clockwise
ENG (Looks Counterclockwise)	Clockwise



### **Warning:**

In the case of multiple ports you must use either the side ports or the rear ports. DO NOT use one side and one rear port.

**DO NOT OPERATE THE PUMP WITHOUT OIL.**