

## 288RL-3hp Rotary Lobe Pump

### How It Works.



#### 0-Degree Position

Fluid flow through the upper lobe. Sealing on the lower lobe.

#### 90-Degree Position

Fluid flow through the lower lobe. Sealing on the upper lobe.

#### 180-Degree Position

Fluid flows through completing the cycle



### 288RL-Xhp Specifications

**Rated Capacities:** 0-69 GPM

**Displacement:** per revolution of 0.077 US gallons

**Working Pressures:** to 145 psi (334' discharge head) Self Priming to 28'hg (29' Suction lift)

**Flange Connections:** 2.5" Raised Face ANSI, 150 lbs. Flange connections included

**Rated Speed:** 0-900 RPM Consult factory for recommended operating speeds

**HiFlo<sup>®</sup> Rotors in:** SBR, BunaN, EPDM, Viton, Stainless Steel, Hardened Steel, and Plastic

**Wet-Ends:** Standard in Gray Cast Iron, optional 316 Stainless Steel

**Solids Passing:** to 0.75" Solids

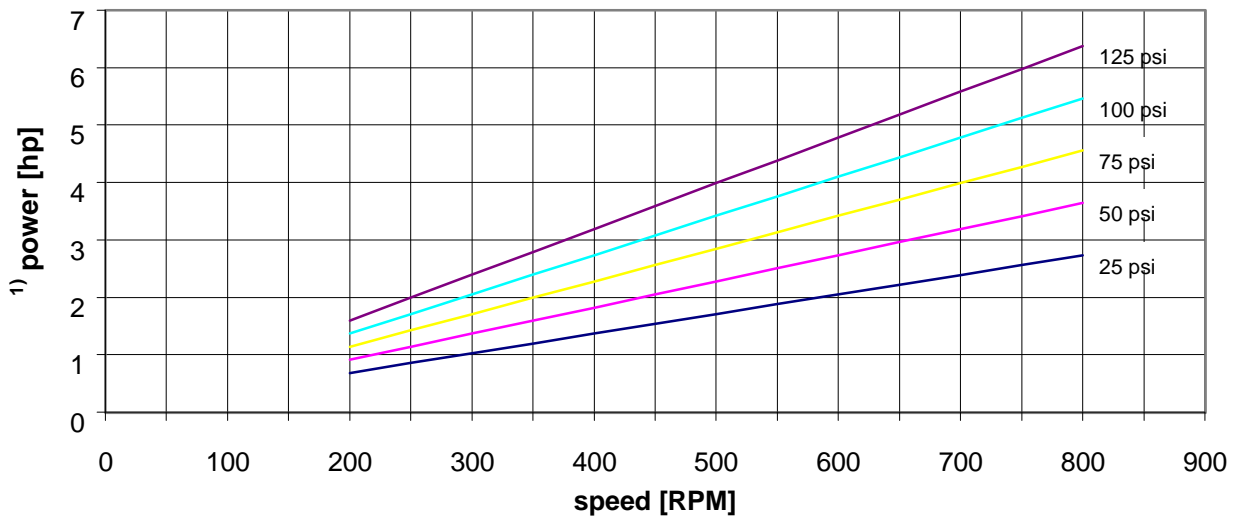
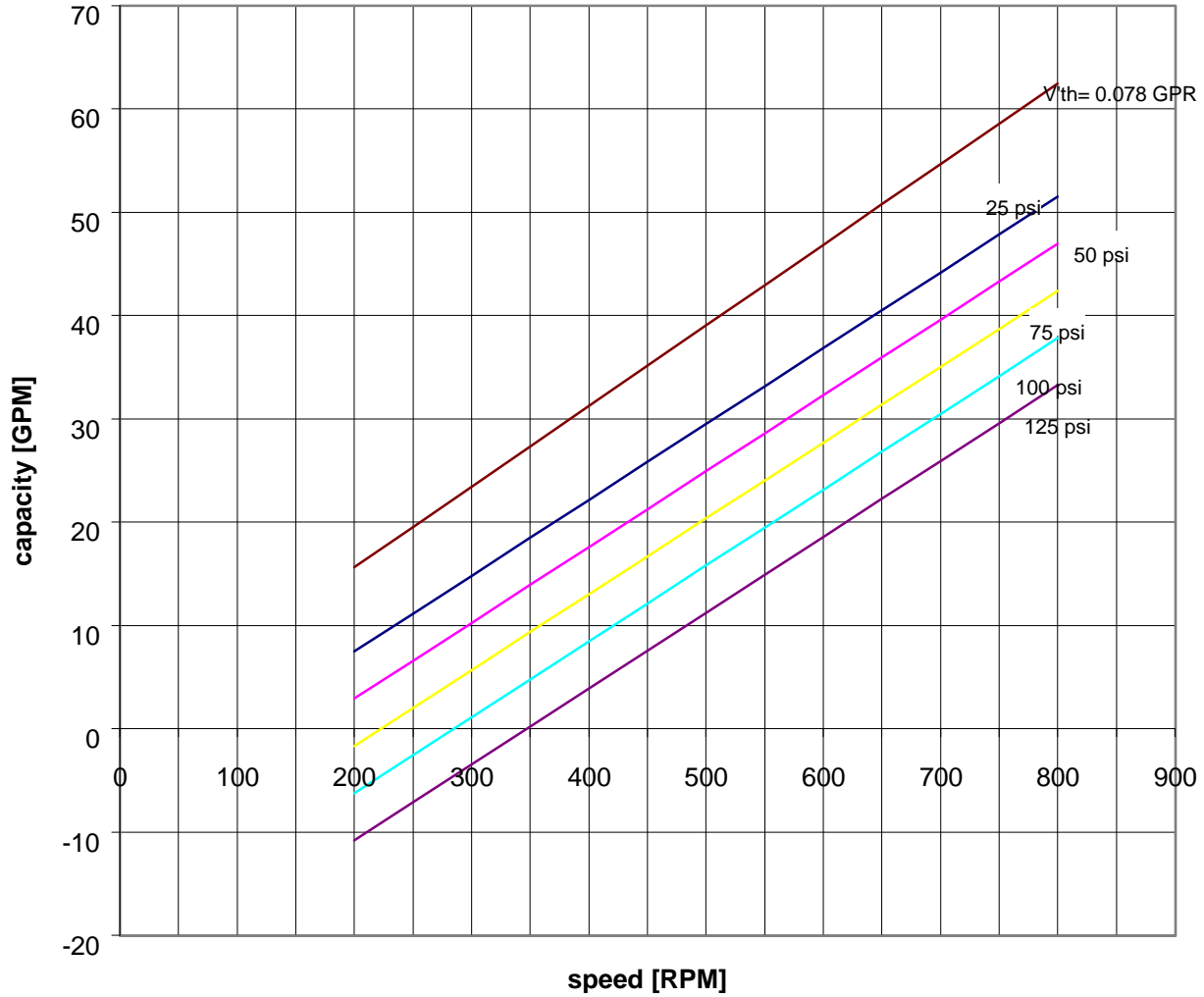
**2 Year 100% Warranty Standard:** Our warranty covers 100% parts and labor, including wear for a period of 24 months

# Characteristic Curve

# 288RL-3hp

lobe quality: NBR-HiFlo  
starting torque: 247 in lb

max. operating pressure: 150 psi  
not allowed for continuous operation



Values based upon water 70°F

<sup>1)</sup> required driving power at the pump shaft

## OPTIONS

### **Stainless Steel Cover** Order No. 161-B-1366

Available in 304 or 316 stainless steel this modular cover comes complete with hour meter and start/stop controls. It measures 26"(66cm) X 26"(66cm) X 35"(96.5cm). Shown here with optional hose rack and fitting rack.



### **Heavy Duty Fiberglass Cover** Order No. 161-B-808

White Gelcoat  
28"(71.1cm) X 26"(66cm) X 38"(96.5cm)



### **Control Panel Timer** Order No. 161-A-2324 **Control Panel Installed On Pump Unit.** Order No. 161-K-0006B

High impact resistant NEMA4X rated enclosure comes complete with contactor, programmable run timer and step down transformer for low 24 volt power at the start/stop controls. It includes terminal connections for the remote start/stops.



### **Hose Stands** Order Nos. 260

White Powder Coated Aluminum or Stainless, for pump out stations setup remote from the pump. They can be equipped with start/stop buttons or token operated starter. All versions come with Operation Instruction Sign and (4) 1/2" X 7" Aluminum Hex Head Mounting Bolts.



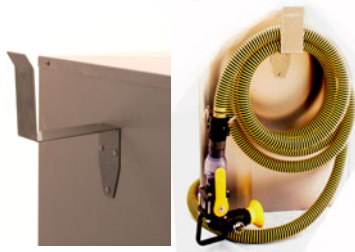
### **Recessed Hydrant Containers** Order Nos. 265

Used to hide pump out hydrants out of the way, below the dock. Available in aluminum or heavy duty plastic. Both come with a flush aluminum cover.



### **Stainless Deck Fitting Rack** Order No. 160-B-1363

Stainless steel wire form designed to organize loose deck adapters. The rack holds up to four fittings most often used in performing pump outs. No need to keep a bucket or box for your adapters. The rack mounts vertically with predrilled feet that makes it simple to mount on a pole, wall, hose stand or the pump cover.



### **Hose Rack** Order No. 160-A-2876

Mounts to any vertical surface including enclosures. Holds up to 75 ft of 1 1/2" hose.

### **Pump Out Hydrants** Order Nos. 270

Used for connecting a pump out hose to a central suction line remote from the pumping unit.



### **Optional Length Hose Assemblies** Up To 100 ft In Length

Edson can provide any continuous length pump out hose from 5 ft to 100ft. What ever is required for the installation



## OTHER PUMP OPTIONS

### **Peristaltic Pump Units - Diaphragm Pump Units**

Need a pump with greater discharge capability or just more power consider the Edson peristaltic pump units. Available from 3/4Hp to 5Hp.



**Double Diaphragm**  
Order No. 2500



**3/4 HP Peristaltic**  
Order No. 286EP-75



**3/4 HP Diaphragm**  
Order No. 120ELB-40-200



**3hp & 5 HP Peristaltic**  
Order Nos. 286EP-3HP & 286EP-35

