

# ROTOFLO™ RWP010

## 10" WELLPOINT DEWATERING WATER PUMP



### APPLICATIONS

**Construction**

**Wellpoint**

**Sock Dewatering**

**Remediation**

**Recharge**

**Multiple  
Fluid Transfer  
Capabilities**

The Rotoflo™ is a reliable rotary lobe, self-priming, valve-less positive-displacement pump that is made for construction dewatering. Whether you are using a wellpoint or sock system, the highly-efficient air/water handling capabilities utilizes less fuel while providing less hassles. Additionally, the pump's simple design eliminates the need for complicated vacuum priming, floats and air/water separation systems which are known to be unreliable.

Downtime is substantially reduced thanks to the maintenance-on-site design. Each pump comes equipped with a quick-release cover that can be removed with conventional hand tools to provide easy access to the inner parts without having to remove any critical components. Its 100% bolt-together design adds flexibility to your operations by allowing multiple units to be easily combined for maximum output. With inexpensive spare parts, low maintenance, and rugged components, this pump costs less than comparable pump systems and can be set up and running in a fraction of the time.

### FEATURES

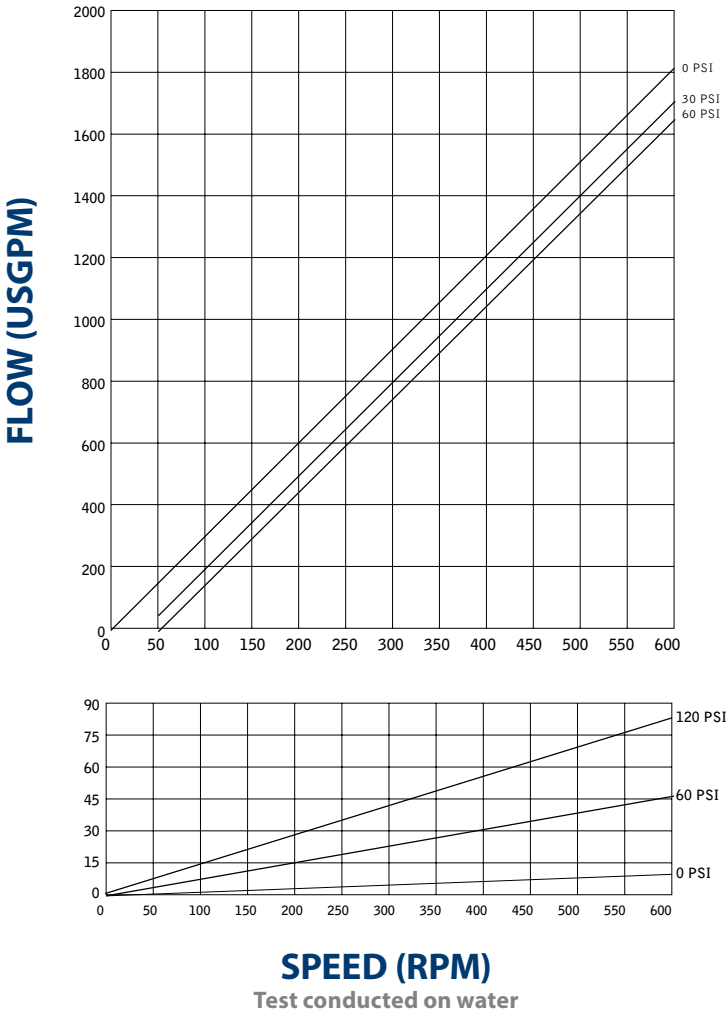
- High performance (1805 GPM and 138' TDH)
- Dry running mechanical seals
- Pumps slurries and brackish water
- Choice of diesel engines, electric motors, or hydraulically driven
- Integral 94 gallon fuel tank, gauge and lockable fuel cap
- Fuel efficient
- Pulsation free design
- Skid or trailer available with easy vice-versa conversion
- Positive displacement tri-lobe spiral rotor
- Rotary lobes, wear plates and seals are easily replaceable on site
- Silent enclosures available (67dBA at 7M/ 23') for residential areas
- Manufactured in the USA

### QUICK SPECIFICATIONS

Suction connection	10" 150# ANSI B16.5
Delivery connection	10" 150# ANSI B16.5
Max capacity	1805 GPM
Max solids handling	2.95
Max head (TDH)	138'
Max operating speed	600 RPM
Dimensions	75 x 108 x 84"
Sound levels w/ enclosure	67 dBA at 7M / 23'
Max fuel consumption	24 hr run time



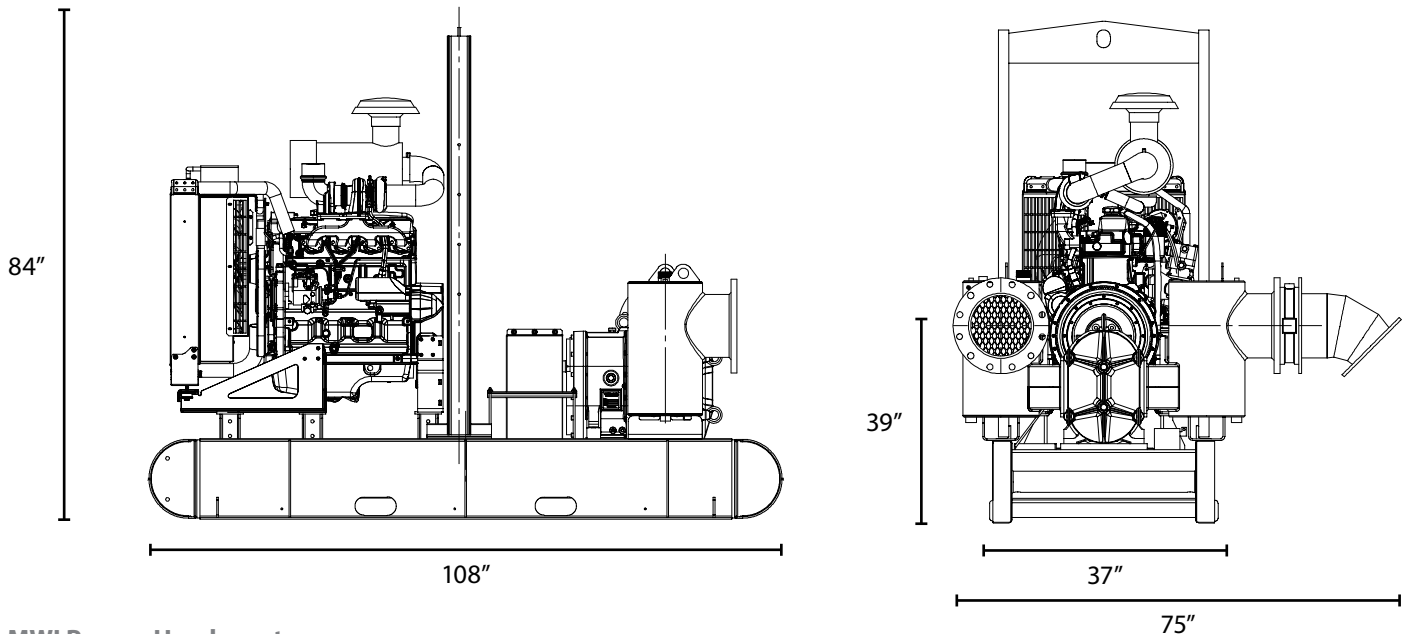
# PERFORMANCE CURVE



# MATERIALS & SPECIFICATIONS

Engine	Choice of diesel, electric, or hydraulically driven motor
Pump casing	Single piece construction from cast iron lined with protection plates from stainless steel. Other materials of construction available.
Rotary lobes	Low pulsation screw rotor design. Entirely Buna-N elastomer coated. Other elastomer materials available.
Wear liner	Stainless steel
Shafts	Non-fluid-wetted from AIS 4140
Discharge	10" Flapper check valve
Mechanical seal	Oil bath, dry running seal, with abrasion resistant silicon carbide faces.
Accessories	Swing-joints, header pipe, wellpoints and jetting equipment
Control panel with safety shutdowns	Full or reduced starter. Including tach, hour meter, high coolant temperature and low oil pressure shutdowns plus over speed protection
Fuel capacity	94 Gal
Weight of trailer mounted unit	4500 lbs (dry)

# DIMENSIONS



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