



THE BUILT-TO-ORDER DIVISION OF ZOELLER COMPANY SINCE 1991

# **ZEP<sup>®</sup> 50 Hz LPS**

## **Low Pressure Sewer Systems**

TRUSTED. TESTED. TOUGH.<sup>®</sup>

## MUNICIPAL

Operator Friendly  
Long Life Equipment  
Ease of Installation  
Expand Current Collection  
System



## DESIGN-BUILD

Hydraulic Analysis  
Pipe Sizing  
Education



## BUILDER/ DEVELOPER

Build In Difficult Terrains  
Lower Material & Labor Costs  
Autocad - Bim  
Minimally Invasive Installations  
Save Up-Front Capital Cost







## **ZOELLER ENGINEERED PRODUCTS**

We provide products for storm water removal, sewage pumping stations, and hazardous environment applications for residential, commercial, and municipal markets. Available from .37 kW to 45 kW, each pump is customized by design, manufactured and installed according to exact application needs



## **ENGINEERING EXCELLENCE**

With decades of experience in the municipal and residential industries, we design and build complete customized solutions for moving wastewater. We apply our experience to create highly reliable grinder packages, minimizing repair services and costs for the end user.



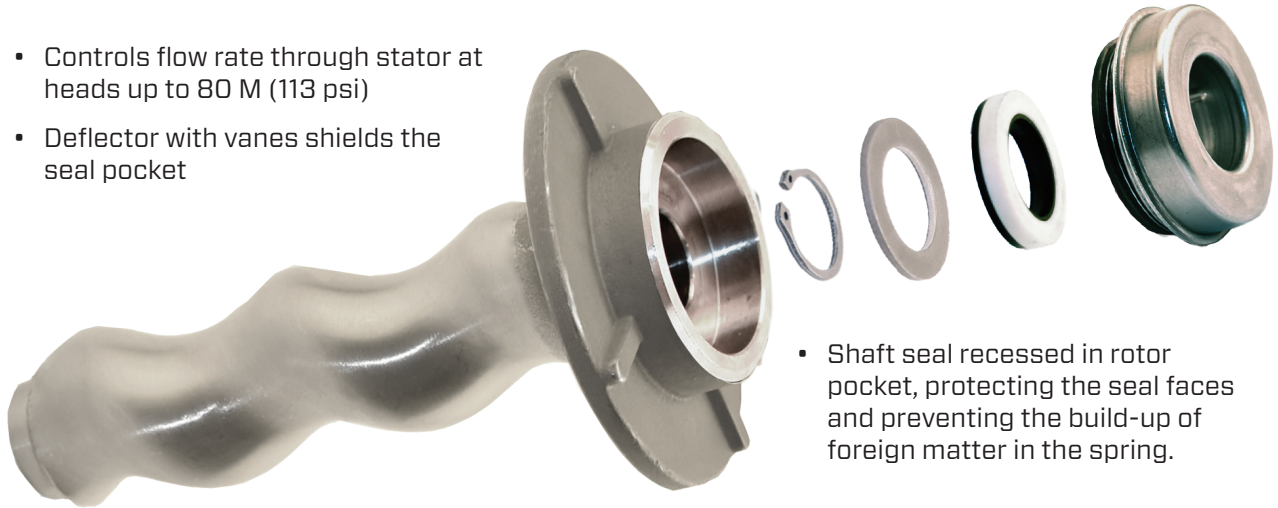
## **SIMPLY RELIABLE**

We design and build our LPS systems with the same basic construction principles of our larger stations. All units are built at our factory in Louisville, Kentucky.

# THE ZOELLER DIFFERENCE

## HYDRAULIC ROTOR W/ DEFLECTOR

- Controls flow rate through stator at heads up to 80 M (113 psi)
- Deflector with vanes shields the seal pocket



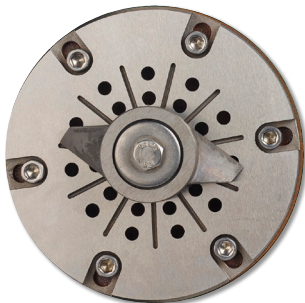
## Grinder Pumps

Featuring oil cooled motor and bearings with finned housings, the Zoeller line of grinders offers superior cooling and performance. Additionally, our Tri-Slice cutter is a unique feature of Zoeller's grinder pumps which offering exceptional cutting action. Additional design features include using premium materials encourage and deliver longer service. Locating the off position above motor allows water in the basin to be used for additional cooling which promotes longer life.

- Centrifugal Grinders
- Progressing Cavity
- Bi-directional Centrifugal Grinder

### Tri Slice® Cutter

- Razor-like cutting edges cut solid sizes to less than 3 mm
- Powerful cutting action as motor torque shared with only two blades
- Wing-shaped cutter design keeps surfaces free of debris



### Integral Relief Valve

ZEP progressive cavity pumps are equipped with a spring-opposed piston valve located in the discharge volute. This device is commonly used to protect against over-pressure of a piping system or to protect equipment from damage due to over-pressure. This is a unique feature of the ZEP design.

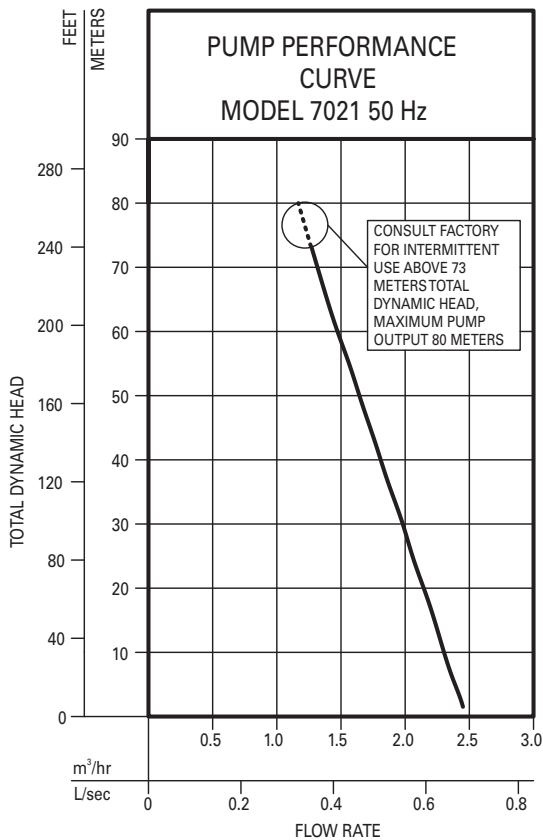
## 6932 Replacement Units

### Features

- Readily adapts to existing progressing cavity grinder pump systems
- Meets UL, CSA, and NSF Pump Standards
- 2.0 kW, 220 V, 8.5 FLA 50 Hz
- Electrical Quick-Disconnect (EQD) Plug
- Stainless steel fitted cover, stand, discharge, piping valves and fittings
- RWY 7021 systems with internally mounted level control
- Finned, cast iron construction
- Discharge size - 32 mm BSPT
- Stainless steel check valve
- Red lifting rope
- Anti-siphon device (optional)



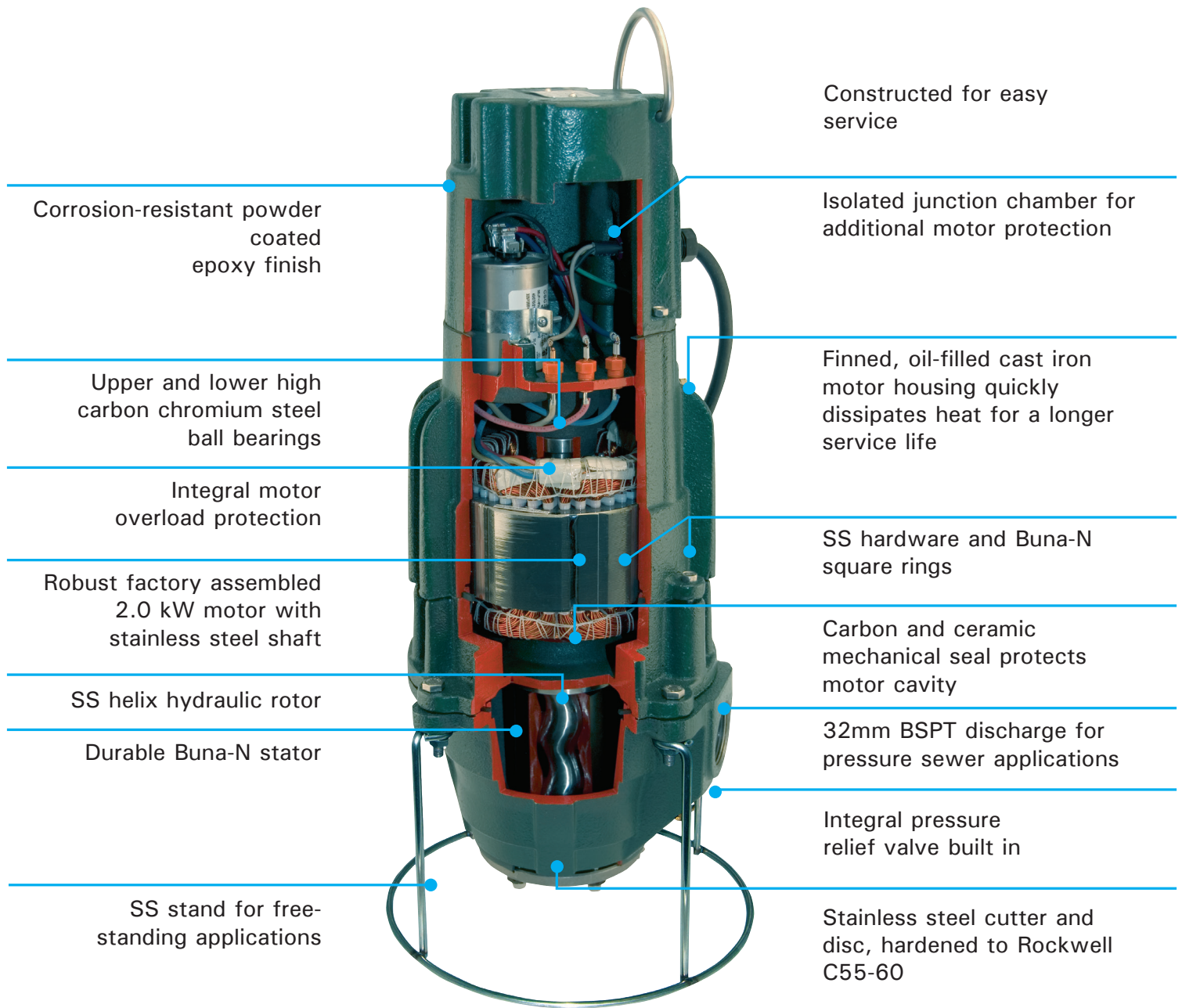
Free-Standing Installation



Cover-Mounted Installation



## WHAT MAKES A ZOELLER PROGRESSING CAVITY PUMP SO RELIABLE?



## ACCESSORIES

### Curb Stop

Stainless steel curb stop with shut-off valve, redundant check valve, and clean-out port. Installed at edge of the property.

### Curb Box and Valve Extension Rod

Designed to fit over 32 mm curb stop valve (above) with adjustable depths (76 to 106 cm and 106 to 102 cm). Cast iron construction with a bolted down cover with SEWER imprinted marking. Extension rod available in 60 , 91 and 121 cm lengths.

### Level System Multi-Float Tree

- High level alarm
- On
- Off

Float tree snaps into basin. Allows for ease of removal for testing and cleaning. Floats come preset from the factory, and are adjustable if required.

Float tree with the water level at the off position covers the motor to optimize cooling of the submersible pump assembly.

### EQD Adapter Assemblies

Enables a 6932 replacement assembly equipped with a different EQD plug to adapt to an existing EQD from the competitors panel. The plug assembly comes in 30 cm lengths and is adaptable for either round male EQD to rectangular female EQD or round female EQD to rectangular male EQD.

### Lifting Rope or Cable

Pumps can be connected to a polypropylene rope (rated for 68 Kg) or a stainless-steel lifting cable to remove the pump easily from being mounted on the Z Rail® or flex hose system.

### Flexible Discharge Hose

Braided stainless steel

- 32 mm
- 50 mm



ZM3521  
0924  
Supersedes  
NEW

