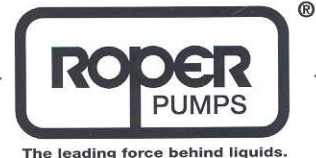


Roper Pumps  
**Z**  
 Series

A reliable performer, Roper Pumps' "Z" Series is open to easy maintenance and has a wide choice of seals.

# Reliable and Versatile



The leading force behind liquids.

### Applications

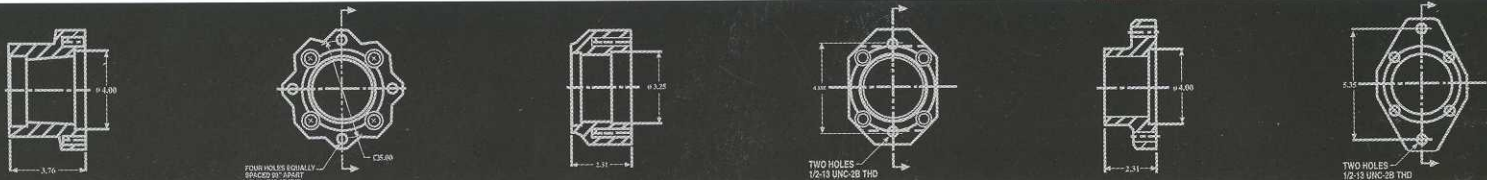
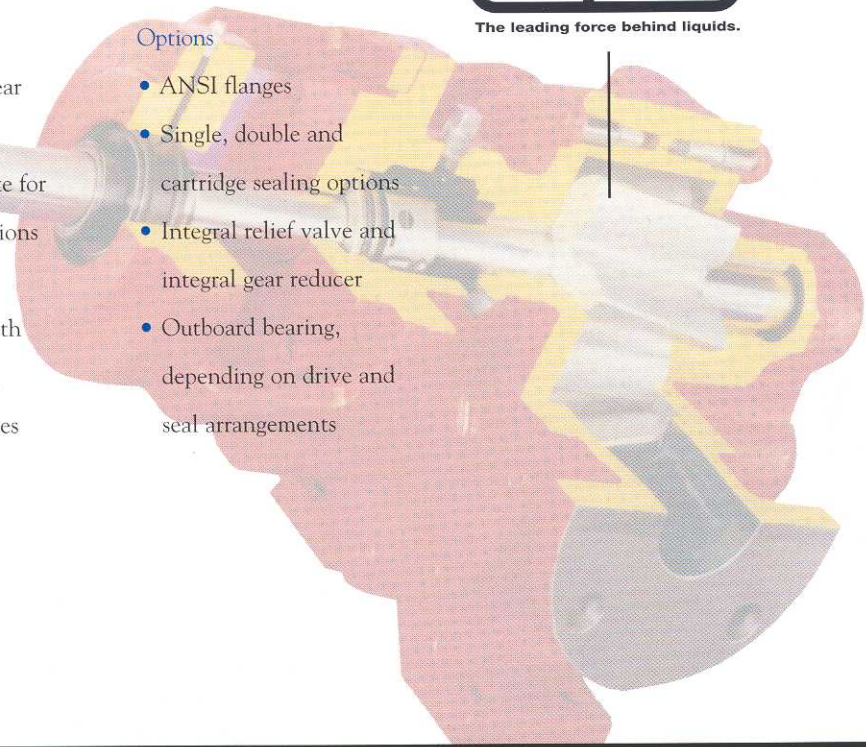
- Excellent for mixing, transferring, blending and recirculating a variety of fluids
- Ideal for the chemical and petroleum markets

### Features

- Cast iron helical gear pump
- Two-piece backplate for flexible sealing options
- Many parts interchangeable with 3600 series
- Differential pressures to 125 psi
- Up to 165 gpm

### Options

- ANSI flanges
- Single, double and cartridge sealing options
- Integral relief valve and integral gear reducer
- Outboard bearing, depending on drive and seal arrangements



# Z Series

Pump Model	Theoretical Capacity	Maximum Speed	Maximum Flow at Maximum Speed (0 Discharge Pressure)	Maximum Pressure	Port Connection
Z11	.11GPR(416.4 CC/REV)	750 RPM	82.5GPM (18.7 M <sup>3</sup> /HR)	125 PSI (8.6 Bar)	2"NPT"
Z17	.17GPR(643.5 CC/REV)	750 RPM	127.5GPM (29.0 M <sup>3</sup> /HR)	125 PSI (8.6 Bar)	3"NPT"
Z22	.22GPR(832.8 CC/REV)	750 RPM	165GPM (37.5 M <sup>3</sup> /HR)	125 PSI (8.6 Bar)	4"NPT"

## Materials of Construction

	Housing	Gears/Shaft	Bearings	Port Arrange	Seal
	• Ductile Iron	• Hardened Iron	• Bronze	• Thru Ports	• Single
Options		• Hardened Steel	• Carbon	• Right Angle	• Double
		• 440SS	• Iron		• Cartridge
			• PTFE		

## Key Features

- Helical gears for quiet operation
- Bi-directional rotation
- Option for integral gearbox
- Two-piece backplate design for flexible seal options
- Seal flexibility - single, double or cartridge
- Cast construction
- Flush/Drain ports on seal housing

- Options
- Relief valve
  - Port locations
  - Outboard bearing
  - Internal relief valve

