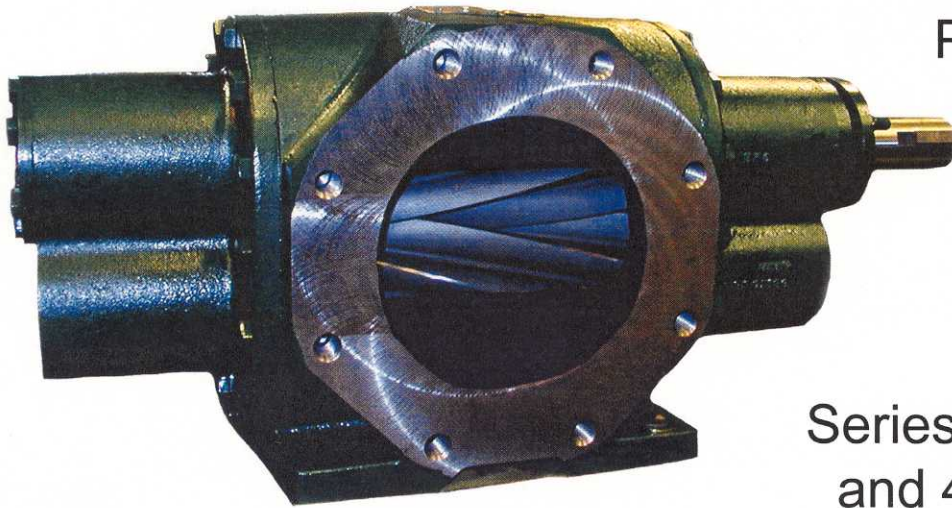


High
Capacity
Pumps

Roper Pumps

Bulk
Liquid
Handling



Series 4668-4768
and 4699-4799

Highly Versatile and Durable



The leading force behind liquids.

Applications

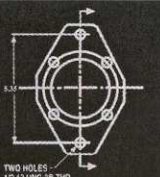
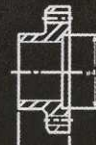
- Thin liquids such as fuels, solvents, and petrochemicals
- Thick liquids such as residual fuel oils, molasses, and resins
- Fast transfer
- Designed for various functions from tankers and barges to process plants and refineries

Features

- Smooth liquid transfer from helical gear pumps
- High speeds, self-priming
- Positive displacement for broad range of operating conditions
- Suitable for temperatures up to 250°F
- Discharge pressures up to 125 psi

Options

- Custom designing built to individual specifications, completely assembled pump
- Standard Viton elastomer mechanical seal or general purpose packed box seal





Roper Pump Company
 P.O. Box 269 • Commerce, GA 30529
 Toll Free: 1-800-876-9160 • Fax: 706-335-5490
 sales@roperpumps.com

Visit Us On The WorldWide Web
www.roperpumps.com

Bulk Liquid Handling

Model	Theoretical Capacity	Maximum Speed	Maximum Flow at Maximum Speed (0 Discharge Pressure)	Maximum Pressure	Port Connection
4668/4768	0.70 GPR (2649.7 CC/REV)	1200 RPM	845 GPM(192 M3/HR)	125 PSI (8.6 Bar)	8" Flange
4699/4799	1.05 GPR (3974.6 CC/REV)	1000 RPM	1045 GPM(237 M3/HR)	125 PSI (8.6 Bar)	8" Flange

Materials of Construction

	Housing	Gears	Bearings	Shafts
Standard	Cast Iron	Case Hardened Alloy Steel	Carbon Graphite	Case Hardened Alloy Steel

Key Features

- Direct drive to standard nominal motor speeds
- Back pull out design
- Thru port design allows for lower inlet and outlet losses
- Large ports to allow fluid into pump more readily
- Gears with integral shafts
- Helical gears with large length-to-diameter ratio to improve efficiency

