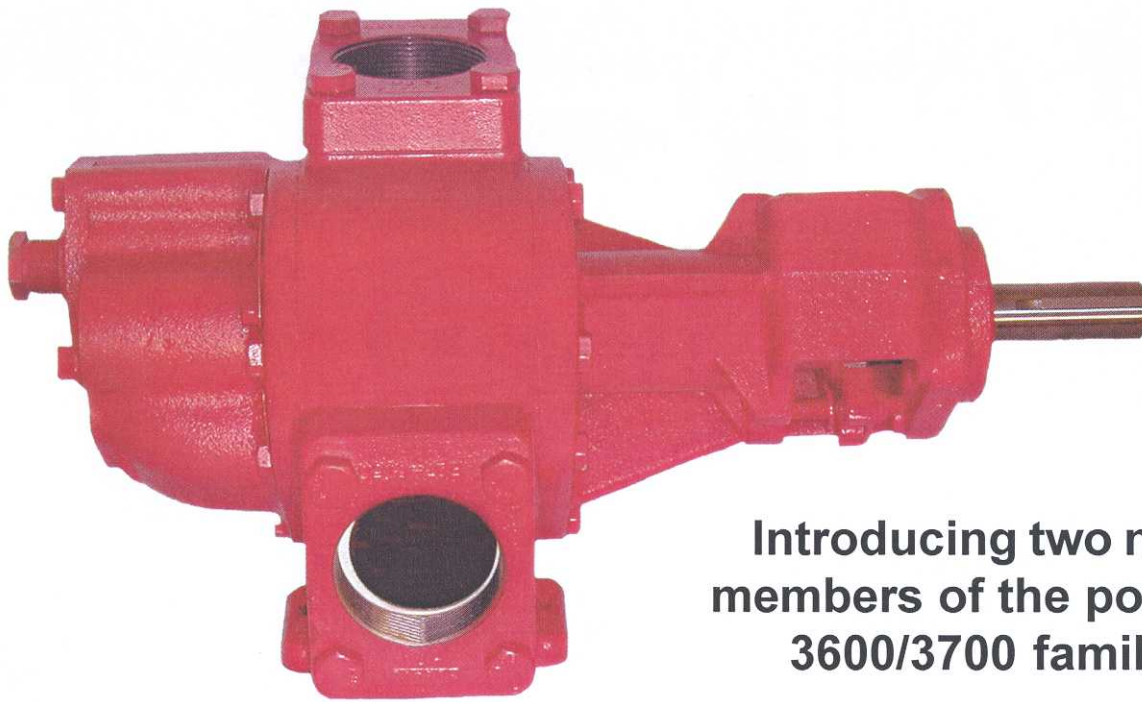


Roper Pumps

3600

Series



Introducing two new members of the popular 3600/3700 family.

The 3632 and 3643, together with the existing 3648, now provide 3 choices of angled pump with flow rates from 32 to 52 gallons/100 rpm.



The leading force behind liquids.

### Features

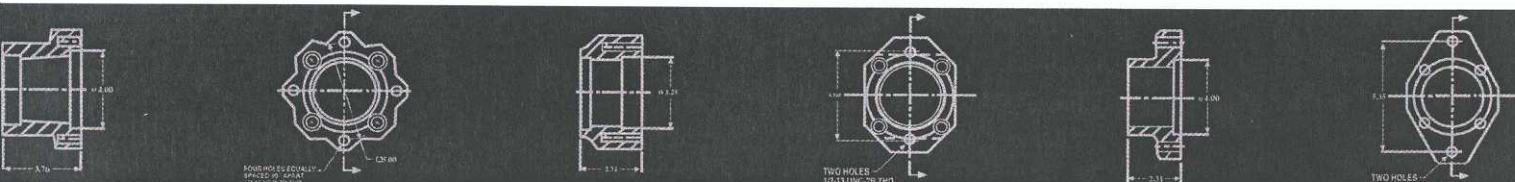
A wider viscosity capacity for both thick and thin liquids provide a versatile alternative to vane pumps, while common interchangeable parts keep inventory to a minimum.

- Heavy duty cast iron helical gear pumps
- Bi-directional, self-priming
- Differential pressures to 125 psi
- Up to 468 gpm
- Standard operation up to 212°F
- Maintenance-free durability

### Options

- Hydraulic motor drives
- Can be built to operate up to 450°F
- Internal relief valve and integral gear reducer
- Outboard bearing, depending on drive and seal arrangements
- Delrin® Idler Gears for the 48 model

Delrin® is a registered trademark of E.I. duPont de Nemours Co. (Inc.)





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**Visit Us On The WorldWide Web**  
[www.roperpumps.com](http://www.roperpumps.com)

## 3600 Series

Model	Theoretical Capacity	Maximum Speed	Maximum Flow at Maximum Speed (0 Discharge Pressure)	Maximum Pressure	Port Connection
3632/3732	.32GPR(1211.33 CC/REV)	900 RPM	288GPM (65.4 M <sup>3</sup> /HR)	125 PSI (8.6 Bar)	3"NPT"
3643/3743	.43GPR(1627.73 CC/REV)	900 RPM	387GPM (87.9 M <sup>3</sup> /HR)	125 PSI (8.6 Bar)	3"NPT"
3648/3748	.52GPR(1817.0 CC/REV)	900 RPM	468GPM (106.2 M <sup>3</sup> /HR)	125 PSI (8.6 Bar)	4"NPT"



### Net Bare Weights

3632HBFRV	158 lbs (71.7 kgs)
3643HBFRV	176 lbs (79.8 kgs)
3648HBFRV	198 lbs (89.8 kgs)

## Key Features

### Characteristics

- Right angle port design
- Bi-directional rotation
- Iron or Carbon Bushing Options
- Mechanical Seal Options

### Materials of Construction

- Cast Iron Housing
- Steel Shaft
- Hardened Iron Gears
- Bronze Bearings
- Delrin® Idler Gears for the 32 and 43 models

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