CS&P Technologies

FLUIDS PUMPED

- Nitrogen
- Oxygen
- Methane (LNG)
- Argon
- Ethylene

1” X 2” X 4.5” Conventional Centrifugal Pump

CS&P offers a full line of premium quality centrifugal pumps. Our pumps are available in aluminum and bronze construction for compatibility with oxygen. All of our pumps are specially fitted with an inducer for low NPSH requirements.

FEATURES & BENEFITS

- Extended life, high performance mechanical seal
- High efficiency impeller design
- Stainless steel bearing housing designed for heavy-duty jobs
- Rugged shaft & bearing design for longer service life
- Bronze construction for oxygen service compatibility
- Three-blade inducer for low NPSH applications

OPERATIONAL LIMITS

- Flow Range: 5 - 75 gpm (19 - 284 lpm)
- Max Differential Head: 848 ft. (258.5 m)
- Power Rating: 5 - 30 hp (3.7 - 22.4 kW)
- NPSHr: 2.7 - 7.5 ft. (0.8 - 2.3 m)
- Speed Range: 1,800 - 11,500 rpm
- Max Suction Pressure: 120 - 215 psi (8.3 - 14.8 bar)

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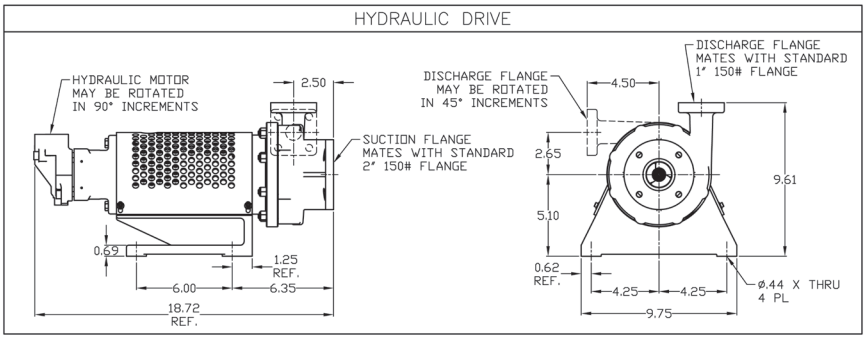
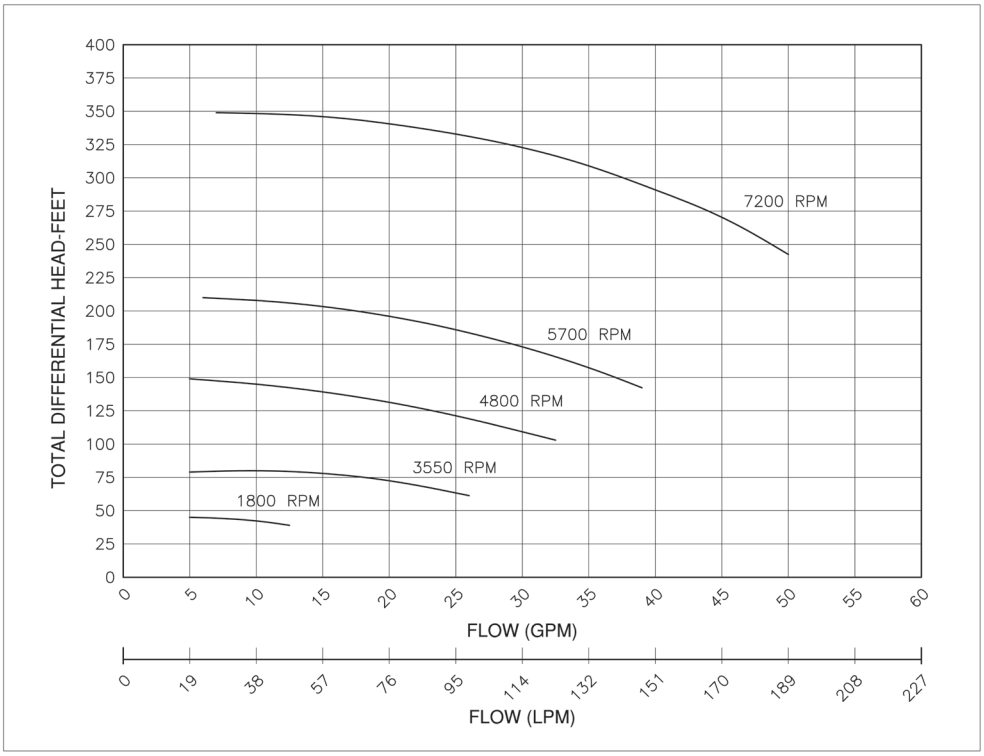
DIMENSIONAL INFORMATION



ALL DIMENSIONS ARE IN INCHES

A variety of drive configurations are available: Hydraulic Drive, Direct Drive, Gear Drive and Close Coupled

PUMP CURVE



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