



An Ingersoll Rand Business



# SERIES 120

## 2" x 1-1/2" End Suction Centrifugal Pump

The Series 120 End Suction Centrifugal Pump is engineered for exceptional efficiency and long-lasting performance, making it a versatile choice for agricultural, commercial, and industrial applications. This model is close-coupled to standard NEMA JM motors and includes a specialized adaptor that safeguards the motor and enhances durability. Constructed from cast iron and equipped with a bronze impeller, the Series 120 is capable of handling a wide range of liquids thanks to its self-adjusting, corrosion-resistant mechanical seal.

Designed for reliability, the pump features a rugged build with stainless steel fasteners to reduce corrosion and extend service life. Its enclosed impellers are dynamically balanced to maximize efficiency and improve bearing longevity, ensuring consistent operation even under demanding conditions.

Additionally, the MP PumPAK® system allows quick mounting to standard NEMA C frame motors, streamlining installation and maintenance.

### SPECIFICATIONS:

<b>Suction / Discharge</b>	2" x 1-1/2" NPT
<b>Materials of Construction</b>	Cast iron
<b>Flow</b>	Up to 200 GPM (45.4 m <sup>3</sup> /h)
<b>Head Feet</b>	Up to 135' (41 m)
<b>Impeller</b>	6" (152.4 mm) enclosed cast iron or bronze
<b>Motor</b>	Up to 7.5 HP (5.5 kW)
<b>Seal</b>	Special seal material combinations available (consult factory), Standard carbon / ceramic / Viton
<b>Drive Options</b>	Close coupled 184JM Close coupled 184TC Hydraulic motor .45 cu. in. (7.4 cm <sup>3</sup> ) Hydraulic motor .58 cu. in. (9.5 cm <sup>3</sup> ) Hydraulic motor .73 cu. in. (12.0 cm <sup>3</sup> ) Pedestal PumPAK® (without motor)
<b>Max Solid Size</b>	.24" (6 mm)

### Application:

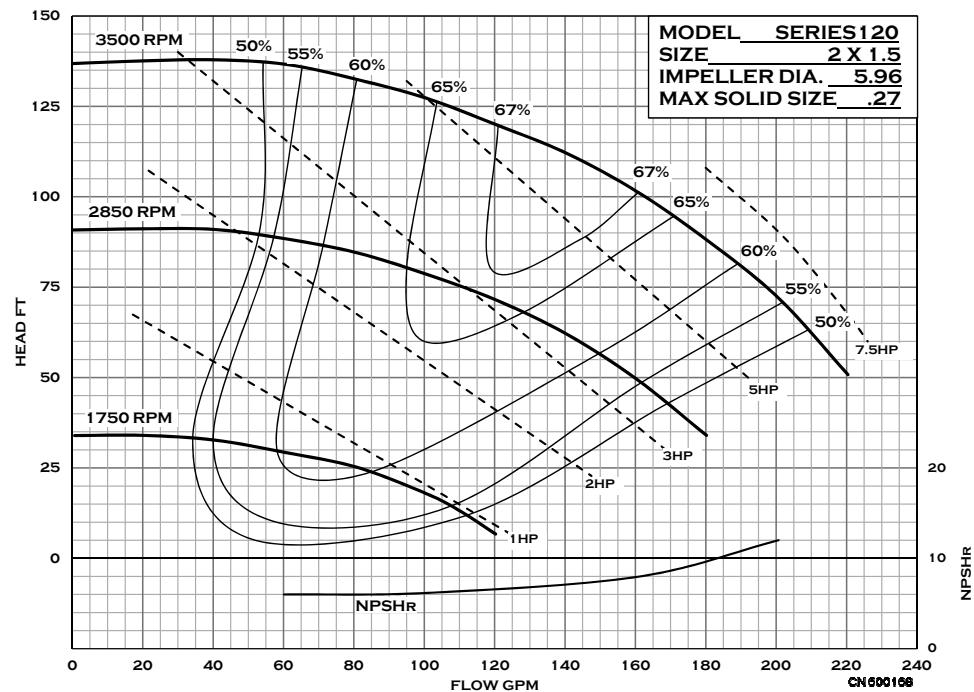
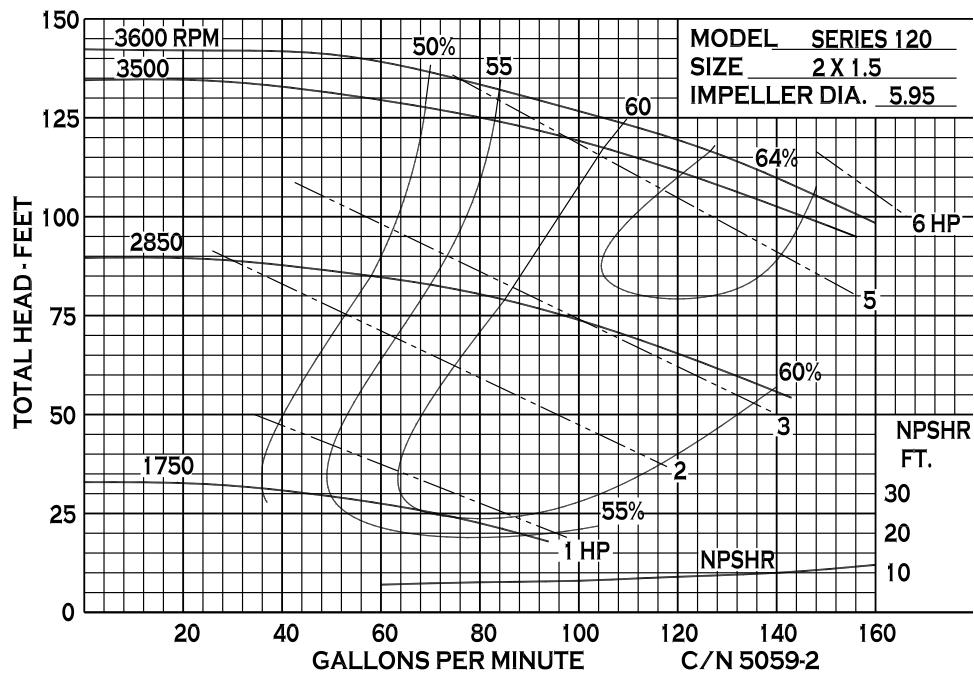
- Agricultural
- Commercial
- Industrial
- OEM



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## PERFORMANCE CURVES



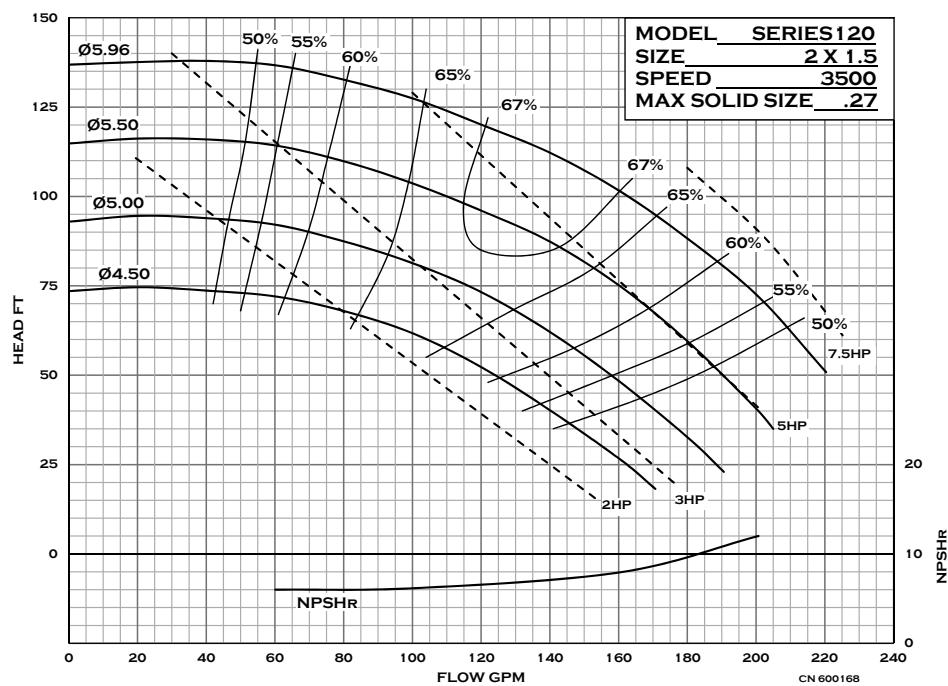
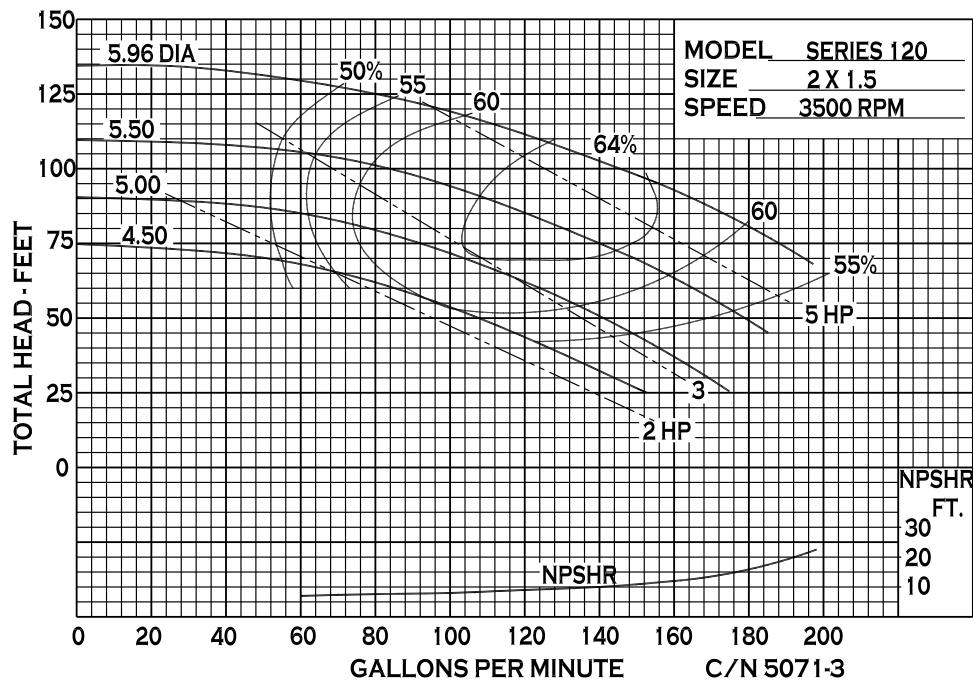
12500 South Pulaski Road  
Alsip, IL 60803, USA  
Phone (800) 563-8006



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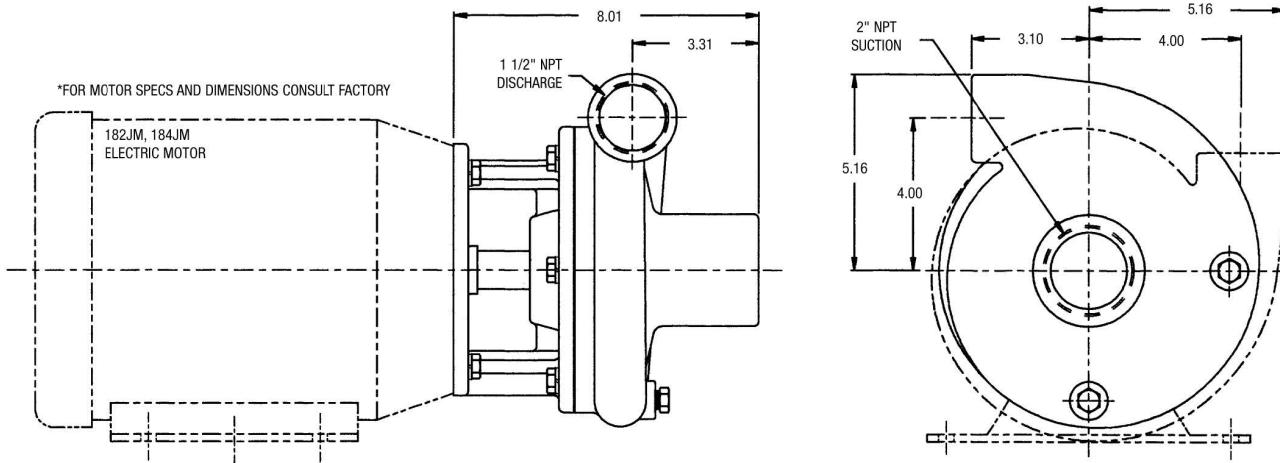
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## DIMENSIONS



\* For complete parts lists and troubleshooting guidance, please refer to the MP Pumps Installation Operation & Maintenance (IOM) Manual.



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