



An Ingersoll Rand Business



# HTO 300

## 3" x 2-1/2" End Suction Centrifugal Hot Oil Pump

The HTO™ 300 by MP Pumps is a premium, high-performance centrifugal pump designed to meet the rigorous demands of heat transfer systems. Built for reliability in extreme environments, this pump operates at temperatures up to 650°F (343°C), making it an ideal choice for industries such as plastics processing, chemical manufacturing, food production, and thermal oil systems.

### Key Features & Advantages

- High-Temperature Capability: Handles fluids at temperatures up to 650°F (343°C) without compromising performance.
- Patented Seal Cooling Technology: Utilizes ambient air cooling to minimize seal temperature, dramatically extending seal life and reducing maintenance costs.
- Versatile Configurations: Available in horizontal or vertical orientations, with options for close-coupled, pedestal-mounted, or PumPAK® assemblies.
- Flexible Drive Options: Offered with or without an electric motor for seamless integration into OEM and custom systems.

### SPECIFICATIONS:

<b>Suction and Discharge</b>	3" x 2-1/2" ANSI 150# flat flange
<b>Materials of Construction</b>	Ductile iron
<b>Flow</b>	Up to 500 GPM (113.6 m³/h)
<b>Head Feet</b>	Up to 190' (58 m)
<b>Impeller</b>	7.0" (177.8 mm) steel, enclosed
<b>Motor</b>	Up to 20 HP (14.7 kW)
<b>Drive Options</b>	Close coupled 184TC Close coupled 215TC Pedestal PumPAK® (without motor)
<b>Seal</b>	Carbon / silicon carbide / Viton, Optional severe duty seal available
<b>Temperature</b>	650°F (343°C) max
<b>Drive Sleeve</b>	303 stainless steel

### Application:

- Industrial
- OEM



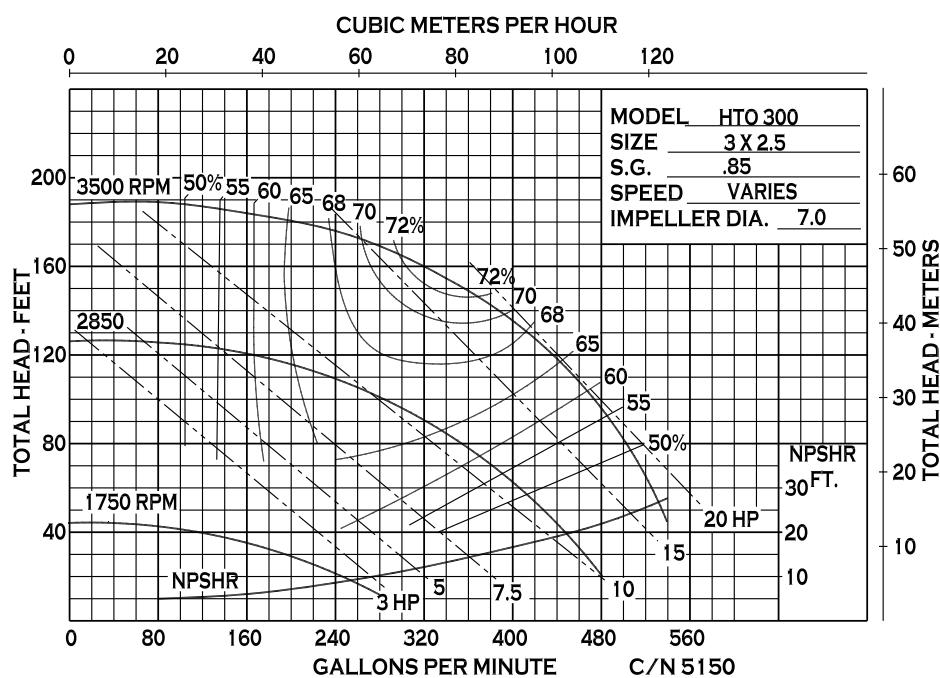
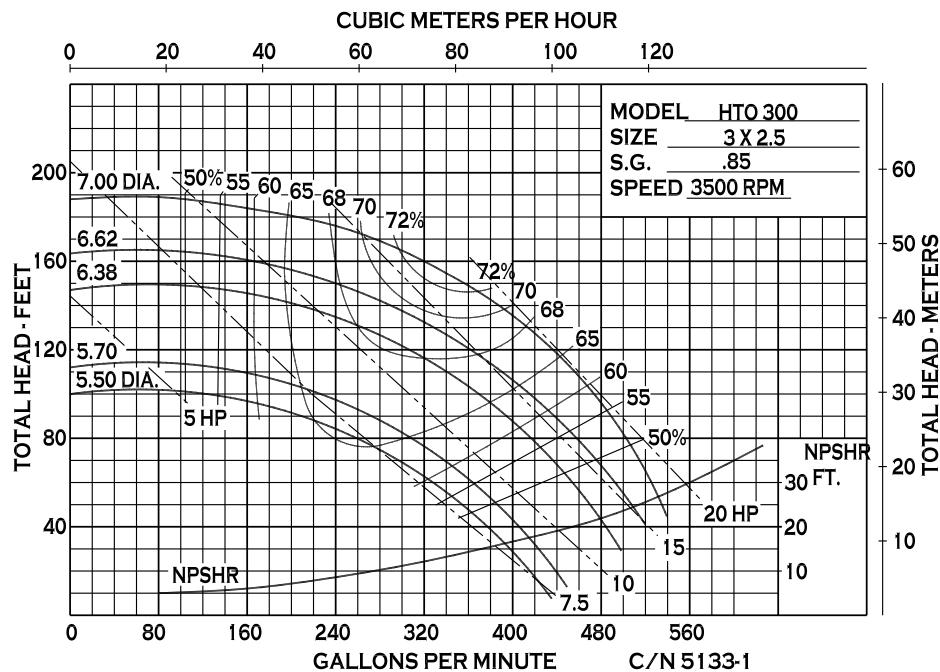
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Phone (800) 563-8006



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## PERFORMANCE CURVES



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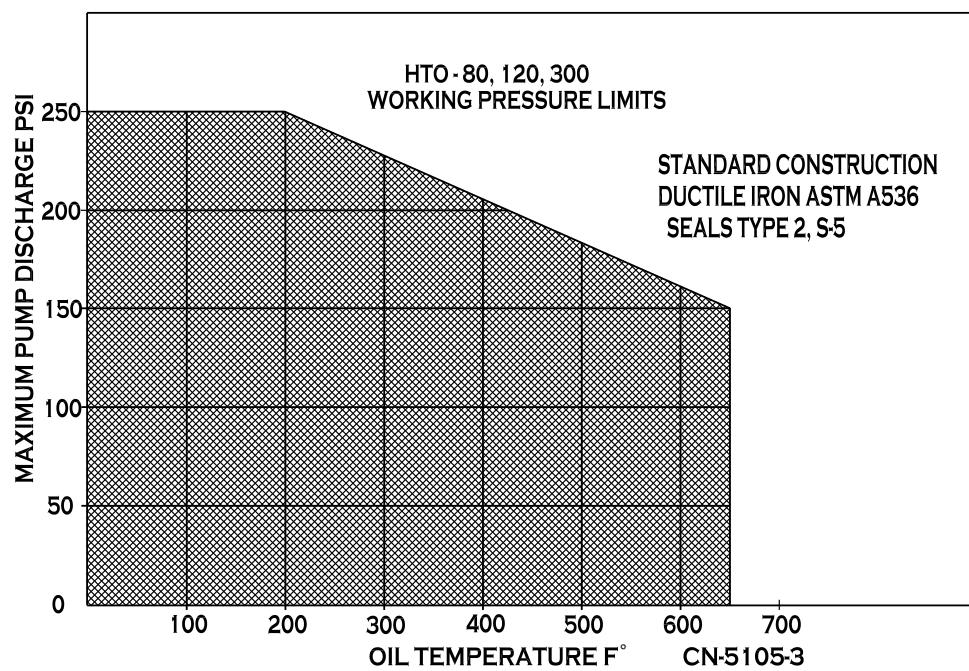
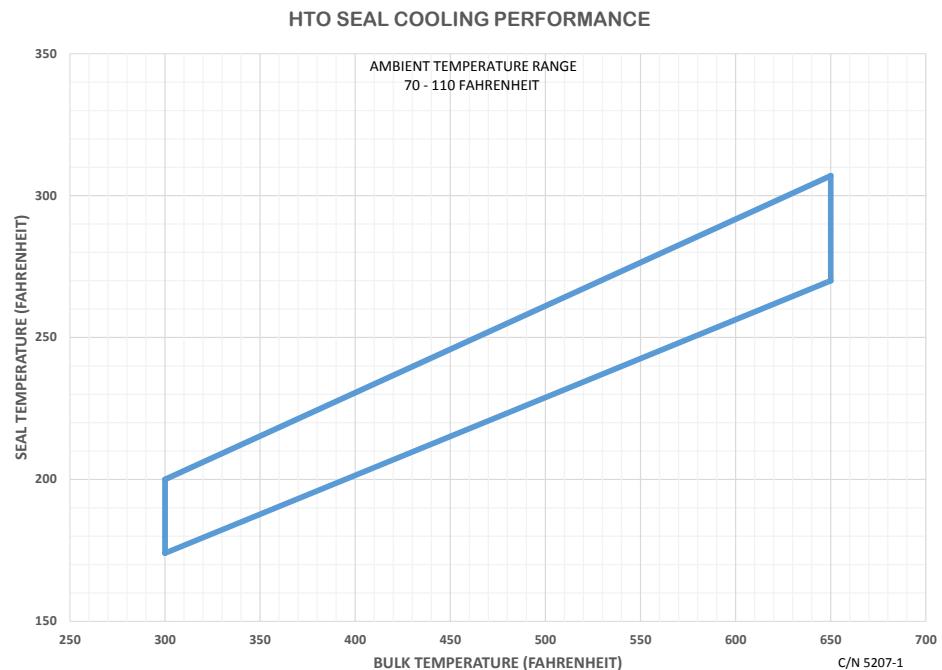
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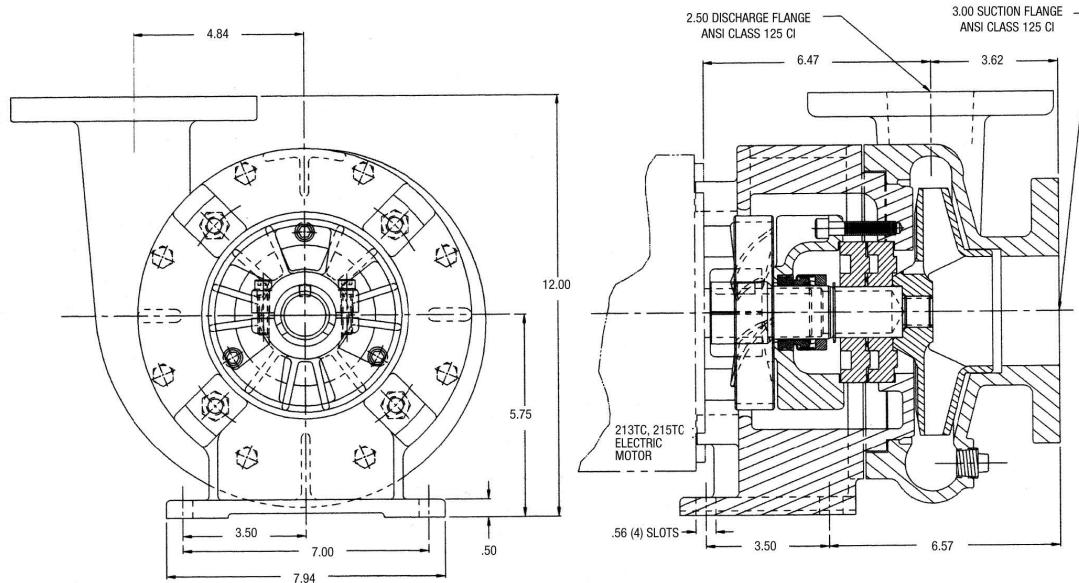
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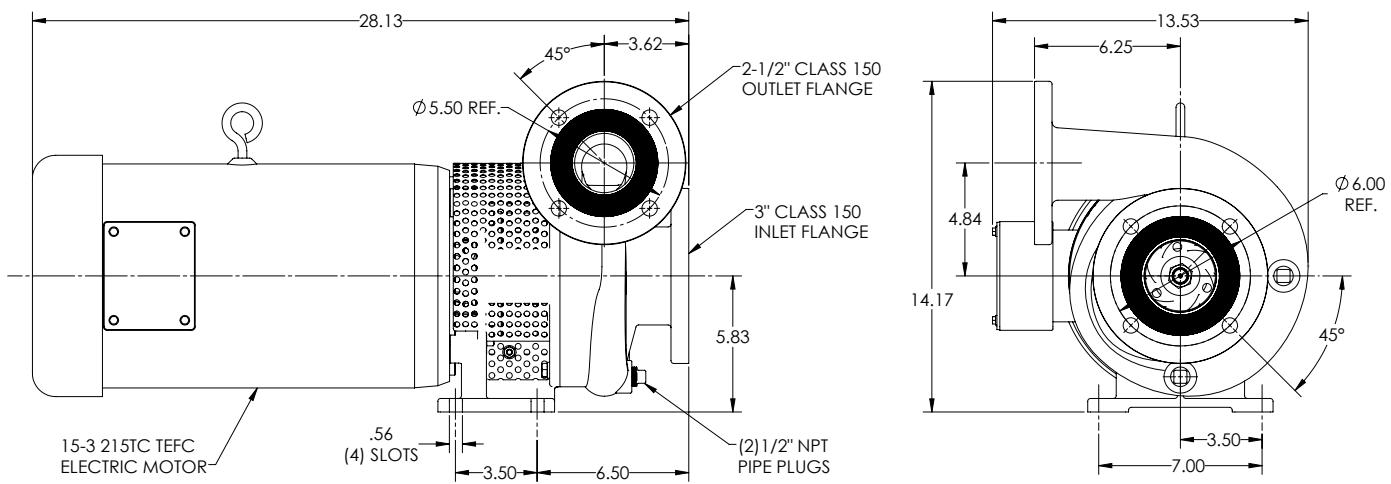
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## DIMENSIONS



HTO300PMP D:15-3 215TC 7.0 HD (MP35230)



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

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