

HTO 180

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

The HTO™ 180 by MP Pumps is a high-performance, patented centrifugal pump engineered for extreme high-temperature fluid transfer. Built to withstand demanding thermal environments, it is the ideal solution for industries such as plastics processing, chemical manufacturing, food production, and other applications requiring reliable heat transfer fluid circulation.

Key Features & Benefits

- **Patented Design for Seal Protection:** Utilizes ambient air to reduce temperature at the mechanical seal, significantly extending seal life and minimizing maintenance costs.
- **High-Temperature Capability:** Designed to handle heat transfer oils in continuous operation at elevated temperatures, ensuring stable performance under extreme conditions.
- **Versatile Installation Options:** Can be mounted in horizontal or vertical configurations to fit diverse system layouts. Available as a bare pump or fully assembled with an electric motor for easy integration.
- **Durability & Reliability:** Heavy-duty construction and precision engineering deliver long service life, even in harsh industrial environments.

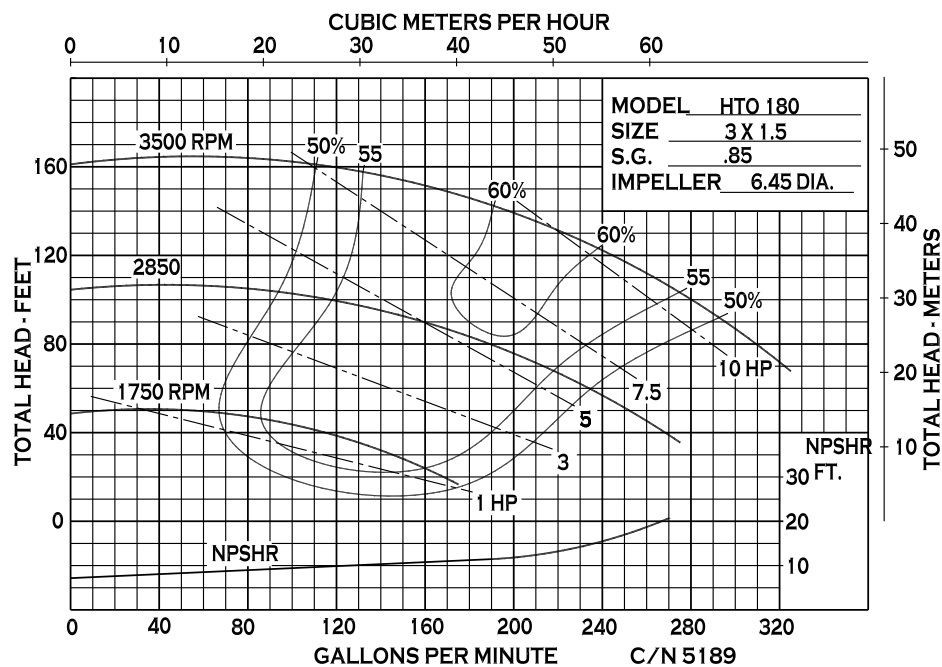
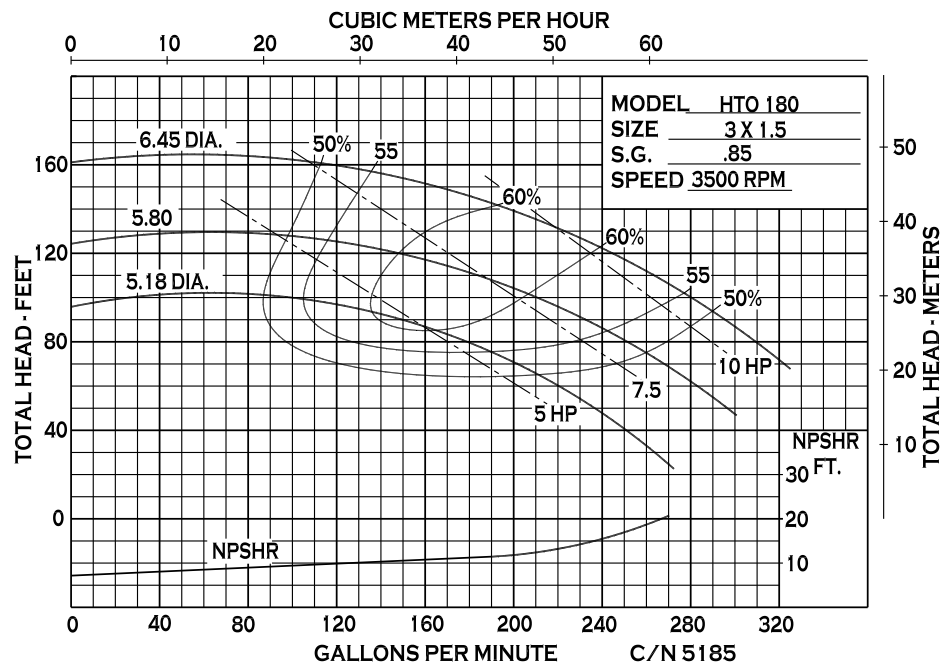
SPECIFICATIONS:

Suction and Discharge	3" x 1-1/2" ANSI 150# flat flange
Materials of Construction	Ductile iron
Flow	Up to 320 GPM (72.7 m³/h)
Head Feet	Up to 160' (49 m)
Impeller	6.45" (163.8 mm) steel, enclosed
Motor	Up to 10 HP (7.35 kW)
Drive Options	Close coupled 184TC Close coupled 215TC Pedestal PumPAK® (without motor)
Seal	Carbon / silicon carbide / Viton, Optional severe duty seal available
Temperature	650°F (343°C) max
Drive Sleeve	303 stainless steel

Application:

- Industrial
- OEM

PERFORMANCE CURVES

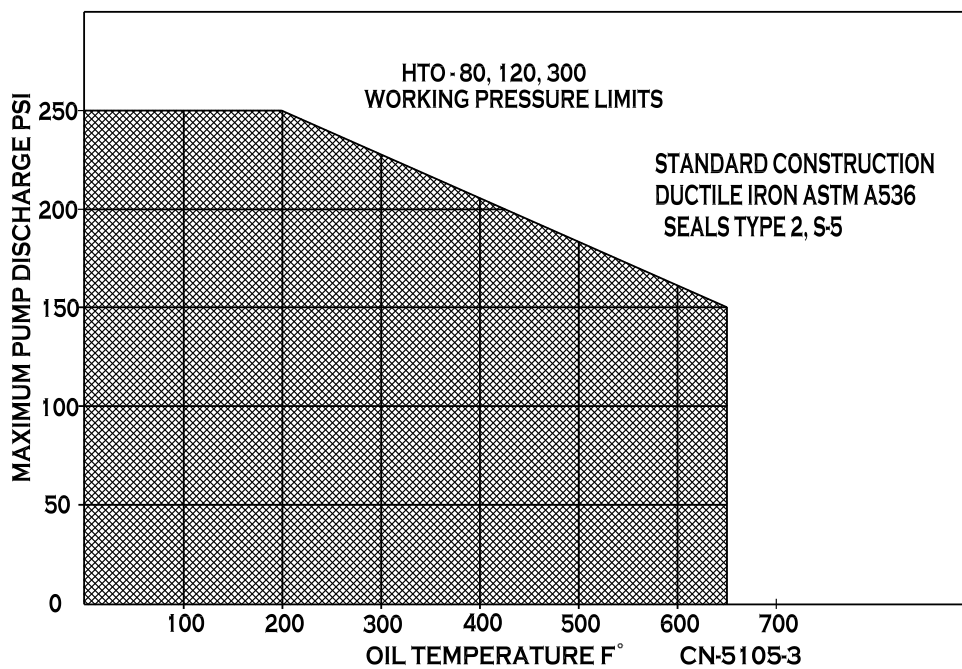
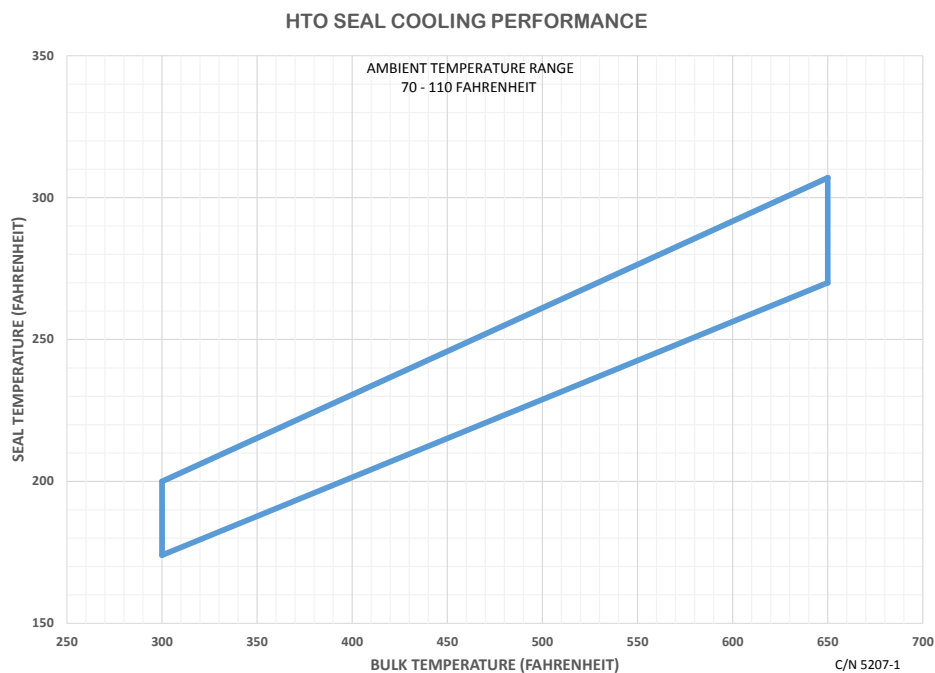




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PERFORMANCE CURVES



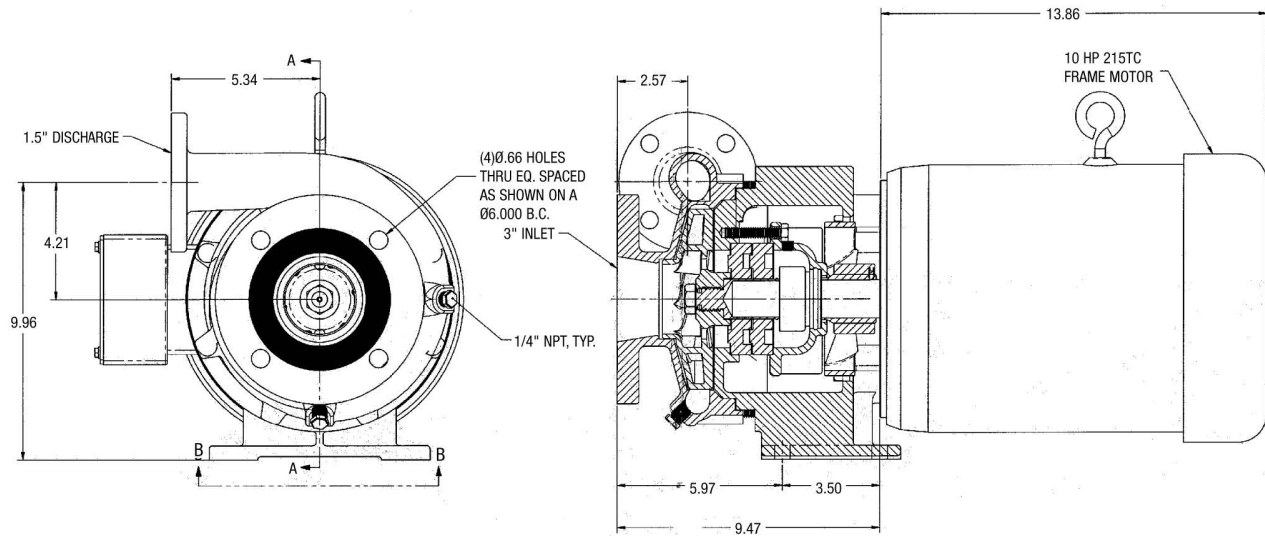
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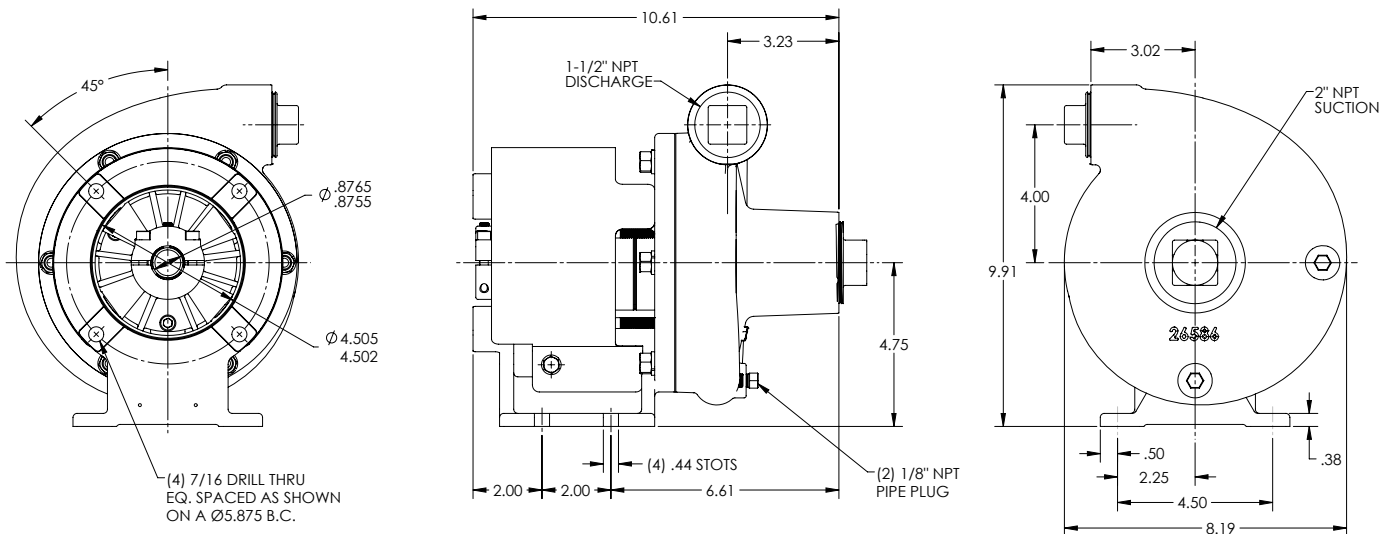
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DIMENSIONS



HTO120PPK D:CCMTR 7/8 145TC 5.96 HD (MP29809)



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



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