



HTW 180

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

HTW 180 is a patented, unique centrifugal pump specifically designed for high temperature process manufacturing applications using hot water, ethylene glycol, propylene glycol and triethylene glycol. The Tempuflo HTW Series utilizes an isolated seal chamber, which is effectively cooled by both a cooling loop (heat exchanger) and by a fan clamp which couples the unit to the shaft of a standard NEMA C Face frame motor.

The isolator technology combined with the heat exchanger allows the seal cavity to reach a maximum and seal chamber temperature of 170°F (77°C) while the process temperature is at 400°F (204°C). This lower seal temperature greatly increases seal life, which means less down time for the end user.

Discharge port location can be provided as either Horizontal or Vertical position.

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 m ³ /h)
Head Feet	Up to 162' (49 m)
Impeller	6.45" (163.83 mm)
Motor	Up to 10 HP (7.35 kW)
Drive Options	Close coupled 184TC Close coupled 215TC
Seal	Carbon / silicon carbide / Viton
Temperature	650°F (343°C) max

Application:

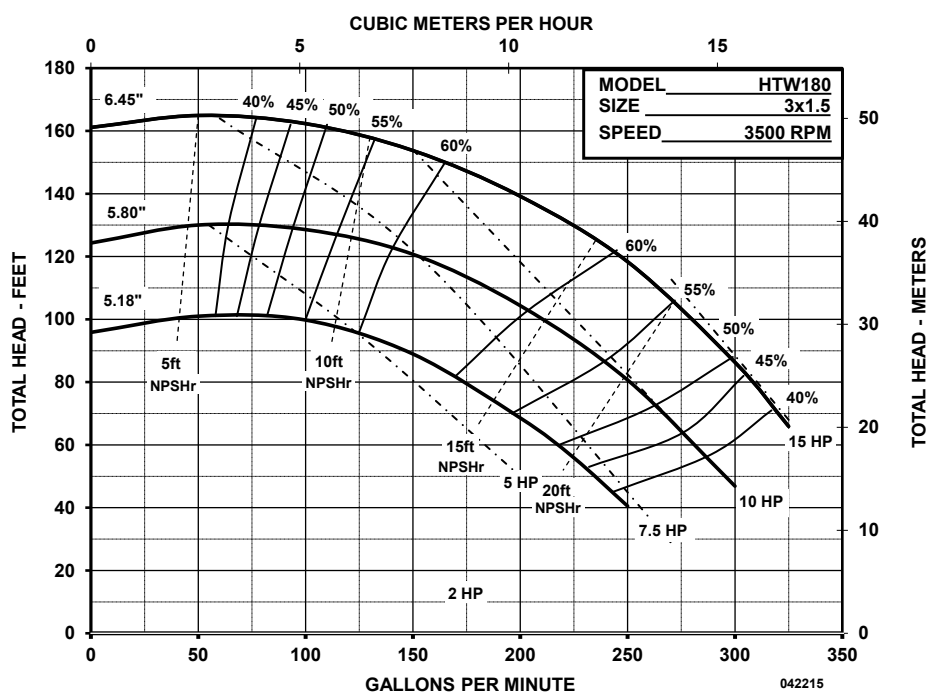
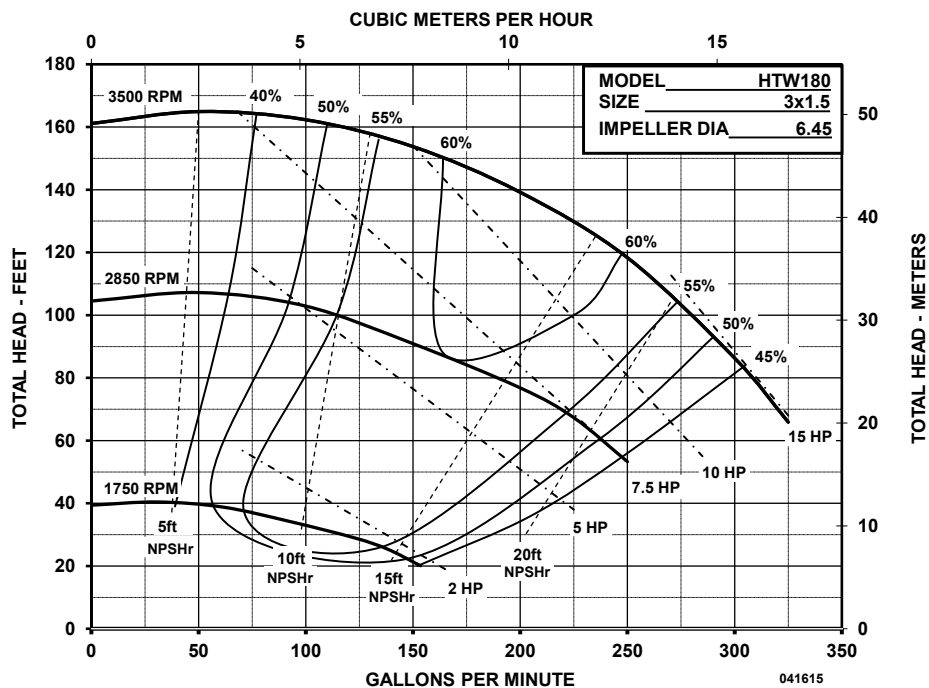
- Industrial
- OEM



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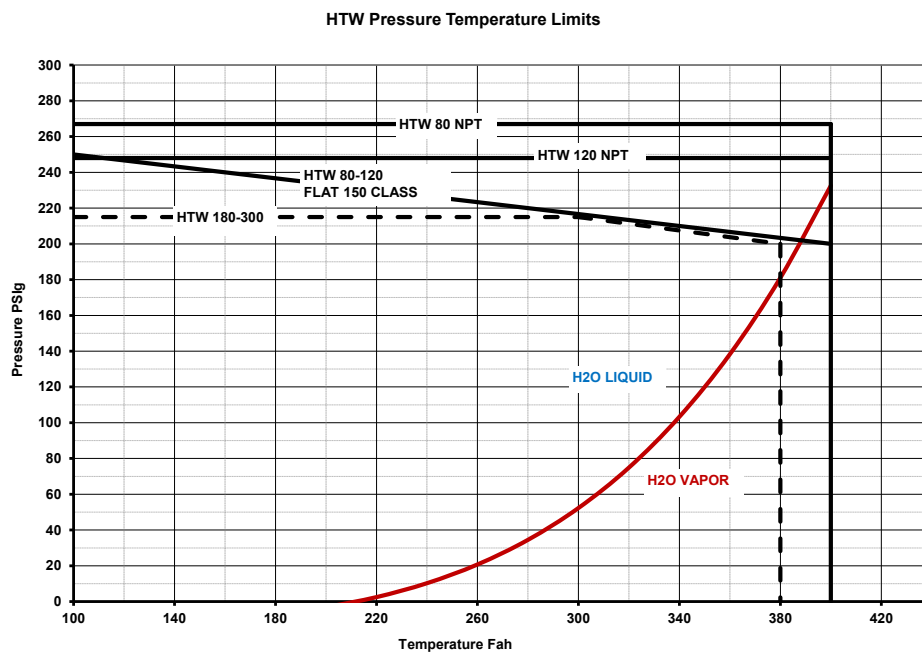
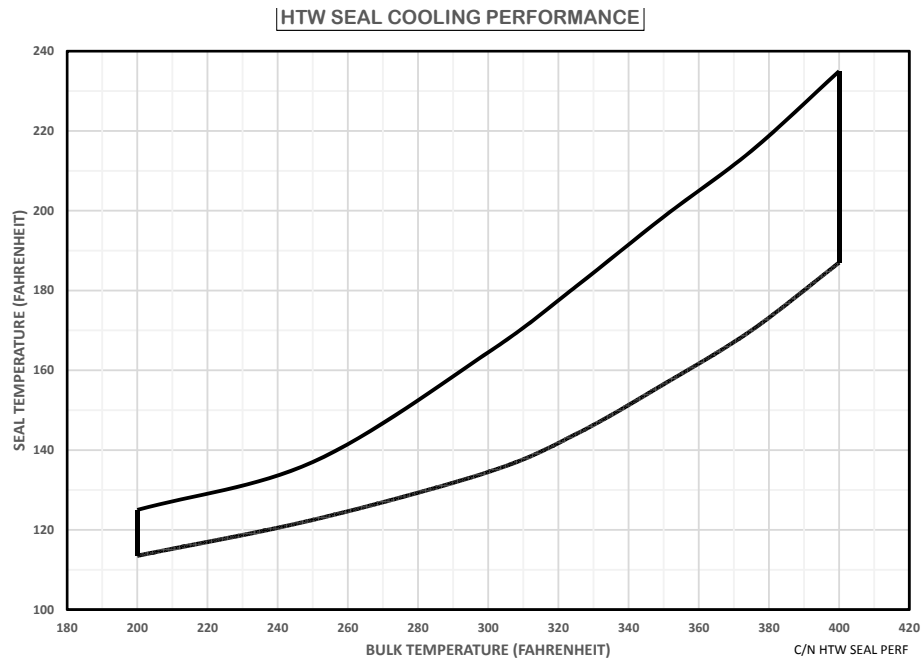
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PERFORMANCE CURVES



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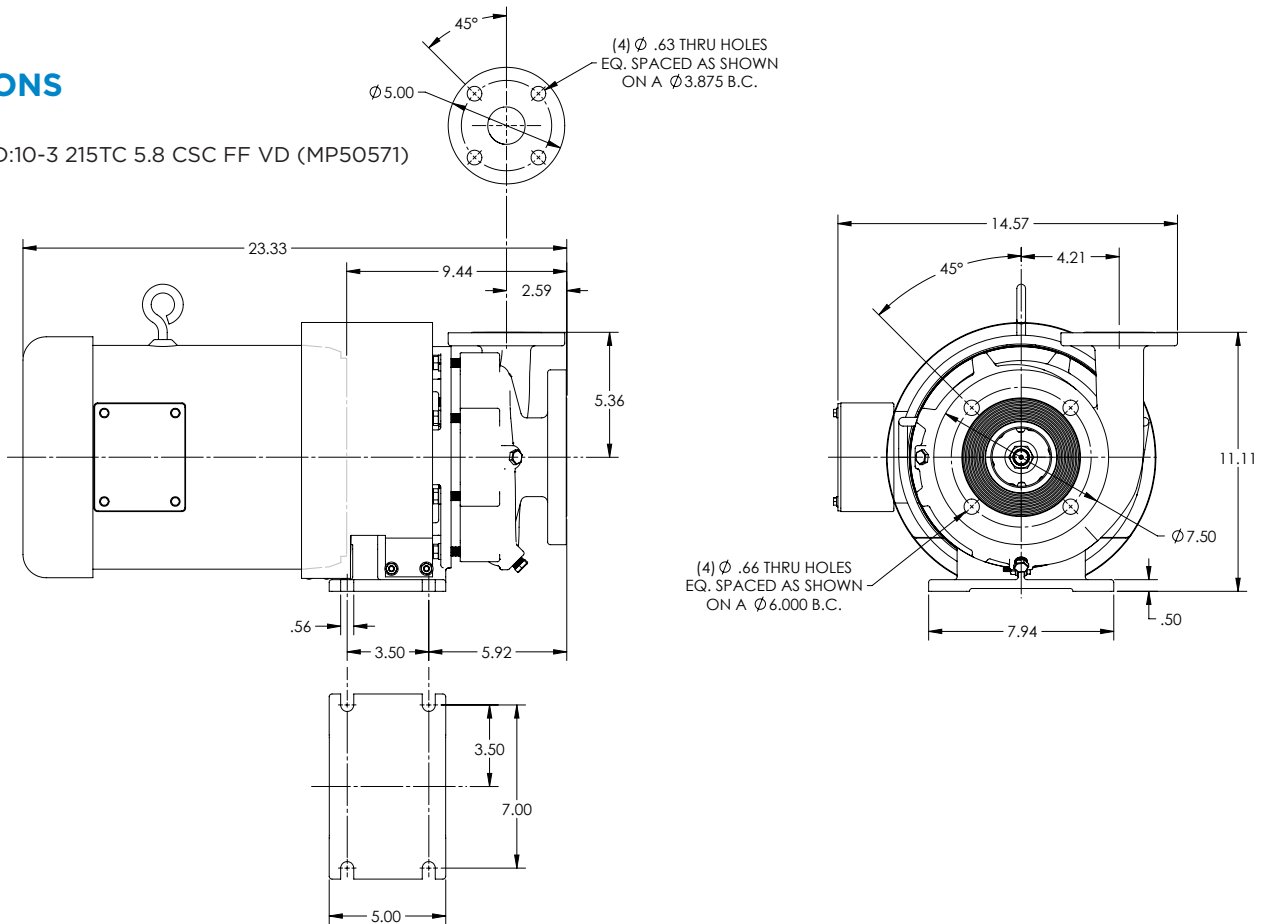


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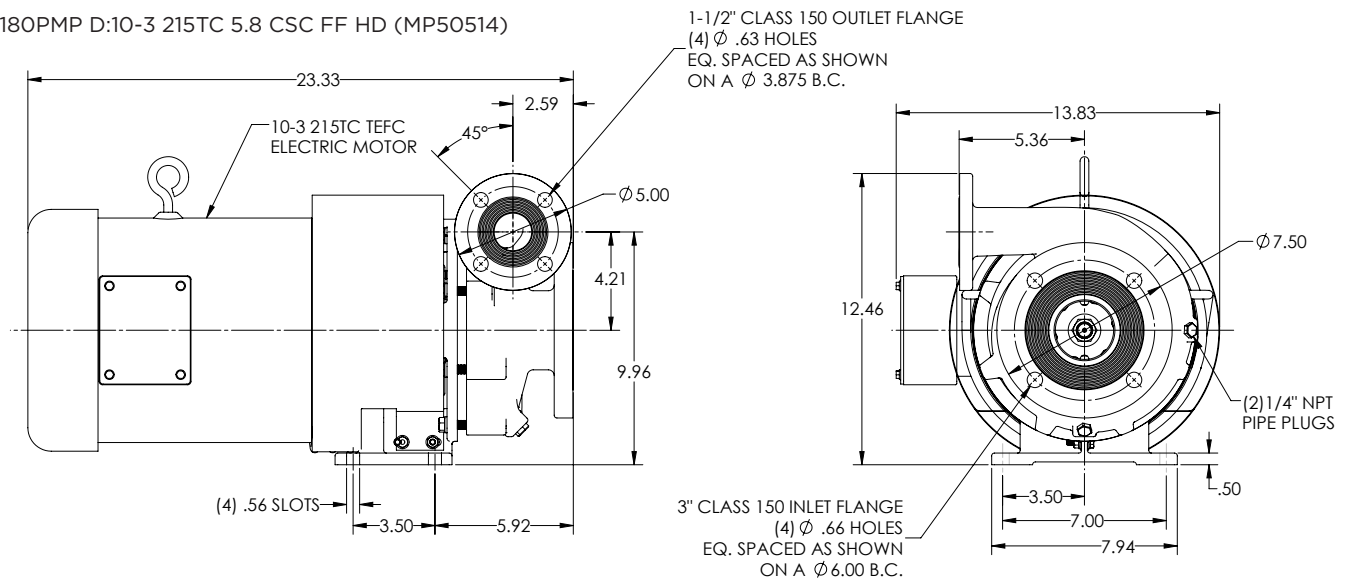
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DIMENSIONS

HTW180PMP D:10-3 215TC 5.8 CSC FF VD (MP50571)



HTW180PMP D:10-3 215TC 5.8 CSC FF HD (MP50514)



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



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