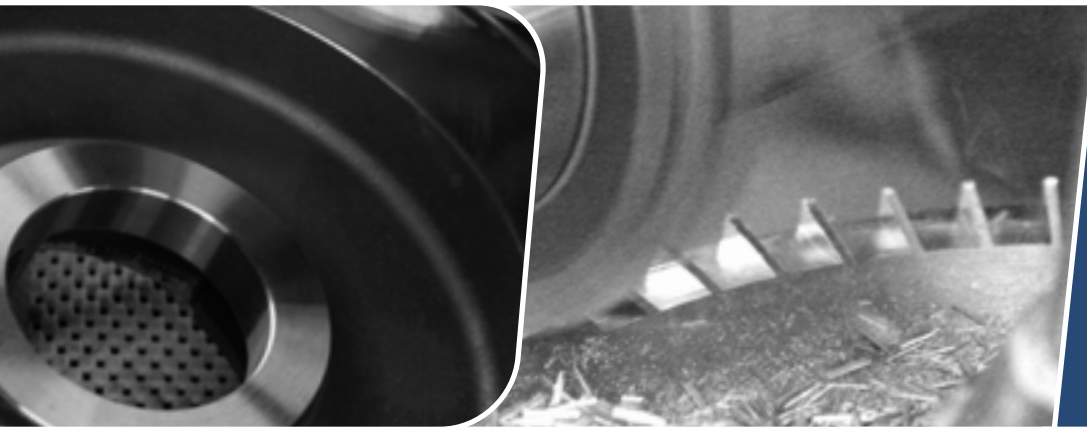


MTH PUMPS

High Head, Low Flow Regenerative Turbine Pumps

Custom Engineered Pump Design Application



*Manufacturing MTH Pumps
in the USA since 1965*

*ISO 9001 & 14001
Registered Company*

MTH begins by researching customer needs and application requirements. Often, we test customer equipment in-house to develop design input specifications. Our goal is to solve common industry pumping challenges and offer expertise that gives our customers a market edge. We also aim to reduce costs, extend product life, minimize maintenance, and enhance capabilities.

With design specs in place, MTH rapidly prototypes and tests new or modified products for performance, reliability, and cost. This process often results in custom-engineered solutions that outperform standard pumps at a lower cost.

Beyond pumps, MTH provides additional services like custom mounting, packaging, and JIT shipping, making us a comprehensive partner. For custom-engineered applications, please refer to the form on the back of this sheet.

www.MTHPumps.com

Custom Engineered Pump Design Application

1. Customer Information

Quote's Due Date: _____

*Dist./Cust.: _____ *Contact Name: _____ Today's Date: _____

Mailing Address: _____

*Email: _____ *Phone: _____ Ext: _____

2. End-User Information (If located outside U.S.)

(This information is necessary to ensure compliance to export laws and regulations of U.S. Departments of: Commerce; Homeland Security; and, other U.S. agencies.)

*End-User: _____ *City, State & Country: _____

*Location Where Pumps Will Be Installed/Used (City, State & Country): _____

*End Product and Brief Description of Process (of system where pump will be used):

3. Service Conditions

*Liquid Name: _____ Conc.: _____ % *Specific Gravity: _____

*Temperature: Norm: _____ Min. _____ Max. _____ °F °C *Viscosity: At Normal Temp. _____ At Start-Up Temp. _____ cP SSU

Vapor Pressure: At Normal Temp. _____ At Ambient Temp. _____ PSIA Melting Point: _____ °F °C Boiling Point: _____ °F °C

*Suction Pressure: _____ PSIG Discharge Pressure: _____ PSIG NPSHA: _____ Feet Meters

*Flow Rate: _____ Units _____ *Differential Pressure: _____ Feet Meters PSI [If NPSHA is not given, mfr. will specify the NPSHR]

*Oil Used: _____ Conc.: _____ % *Specific Gravity: _____

*Special Operating Conditions and / or Notes:

4. Suspended Material Information (If none, please state "none.")

*S.M. Name: _____ Conc. (% by wt.): _____ Grain Size: Max.: _____ Avg.: _____

5. Filtration (If none, please state "none.")

Filter Type: _____ Filter Size (Micron): _____ Grain Size: Max.: _____

6. Pump Information

Pump Type: (Regen. Turbine or Centrifugal; Canned Motor or Sealed Type) _____

Material Requirements: _____ RoHS Passivation Estimated Qty Per Year: _____

Piping Connection: Standard NPT SAE BSP Other: _____

7. Motor/Installation Conditions

*Elect. Source: 1-Phase 3-Phase _____ Hz _____ Voltage

Location: Indoors Outdoors Mounting: Horz Vert In-Line C/C F/C

Enclosure: ODP TEFC EXP Other: _____

Motor Rating: UL CE CSA Other: _____

8. Special Boxing: No Yes If yes - Type: Export
Other - Attach Description

9. Long Term Storage Prep: No Yes

10. Accessories / Other Information:

11. Replacement Unit Information (if applicable)

Manufacturer: _____ Model Number: _____

Casing/Impeller Material: _____ O-ring Material: _____

Bearing or Seal Material: _____ SiC / Carbon / NiR / Etc.