

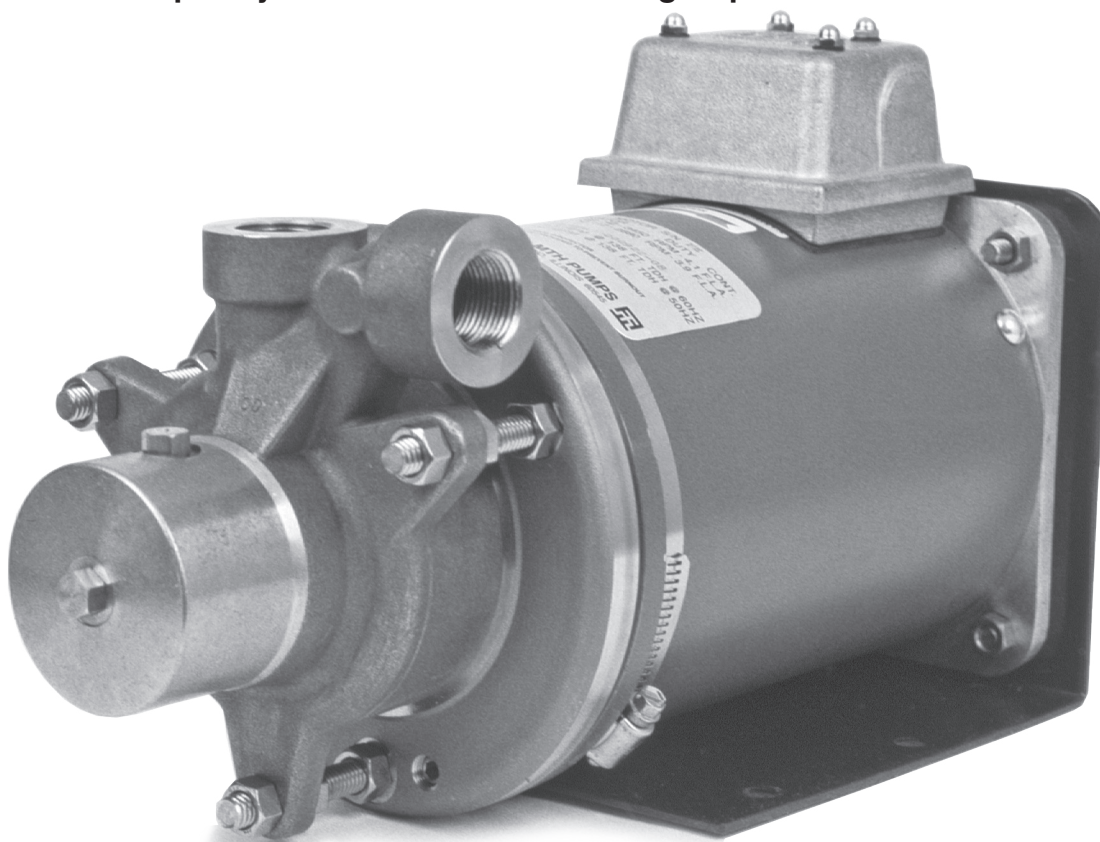
MTH PUMPS

X41 Series



Questions? Call **1-800-810-1053**

- Extremely Long Service Life
- Leak Free Sealless Design
- Canned Stator Motor
- Capacities to 22 GPM
- Heads to 450 Feet
- Low NPSH Requirements
- Temperature Range -40°C to 130°C
- Compact Integrated Design
- Stainless Steel Wetted Parts for Excellent Chemical Compatibility
- Standard NPT Threads with optional SAE, BSP, and ISO Available
- Conduit or Electrical Junction Box
- Variable Frequency Drive / Transducer Package Optional



X41 SERIES PUMPS



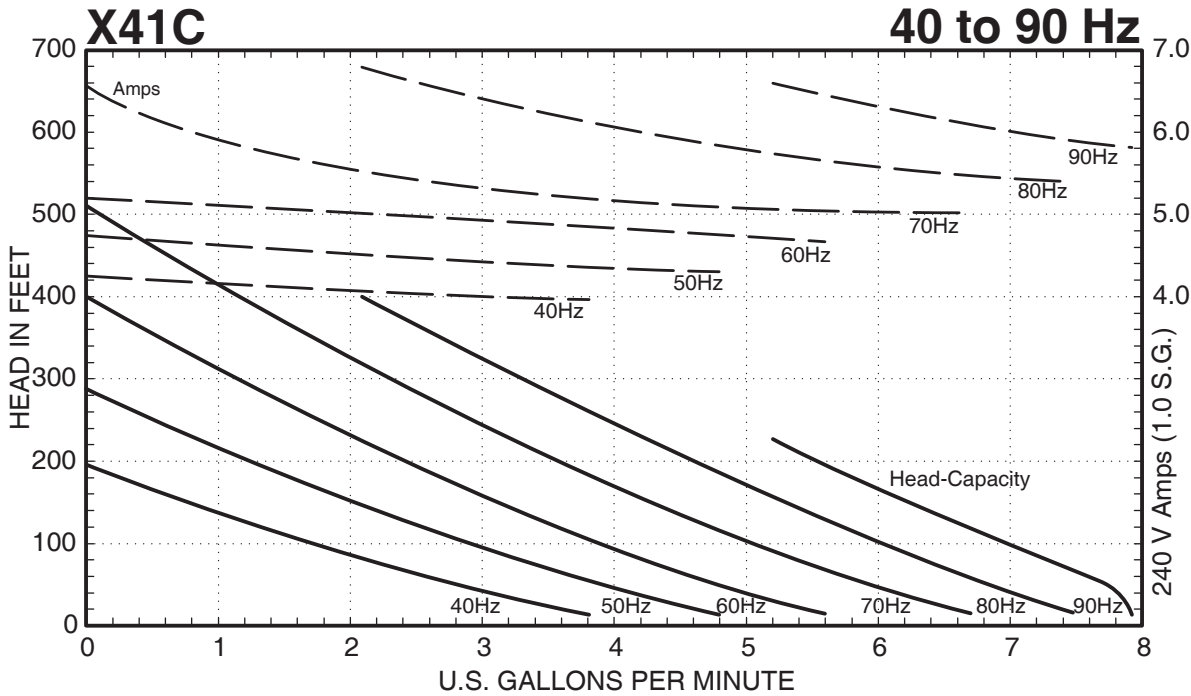
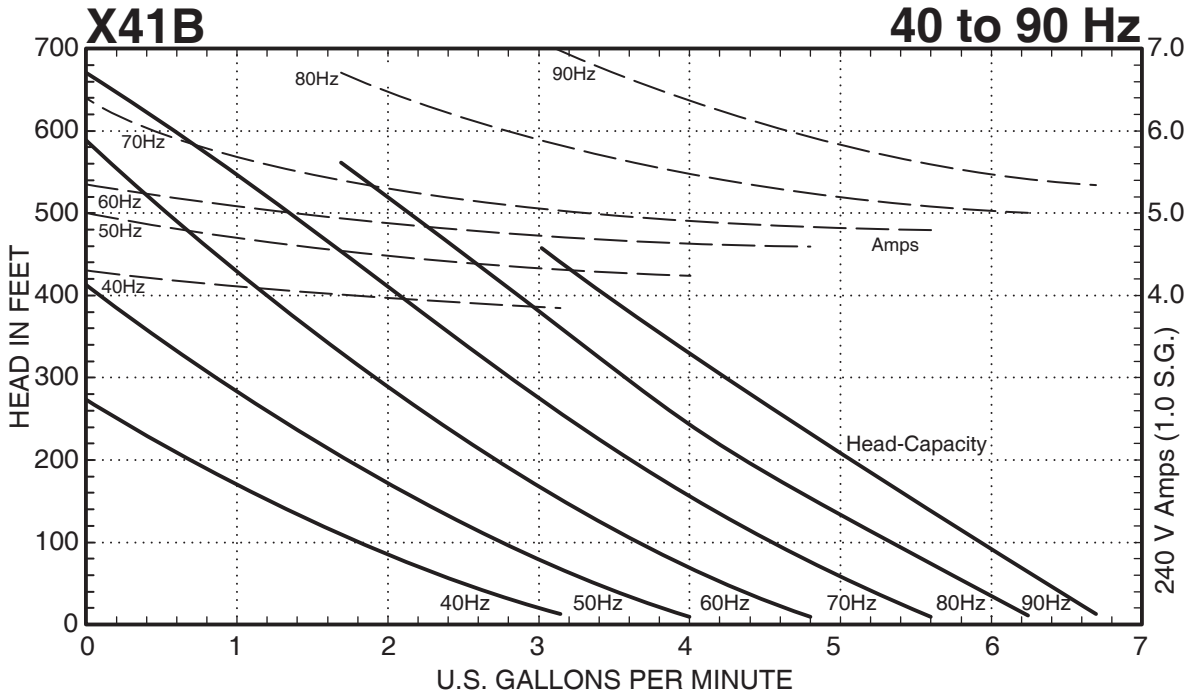
MTH PUMPS

401 West Main Street • Plano, IL 60545-1436
 Phone: 630-552-4115 • Fax: 630-552-3688
 Email: SALES@MTHPUMPS.COM
<http://WWW.MTHPUMPS.COM>

X41 SERIES

Performance Curves

X41 SERIES PUMPS



— — — — — Indicates 240 V Amps

* Horsepower data is valid for 1.0 specific gravity fluids only

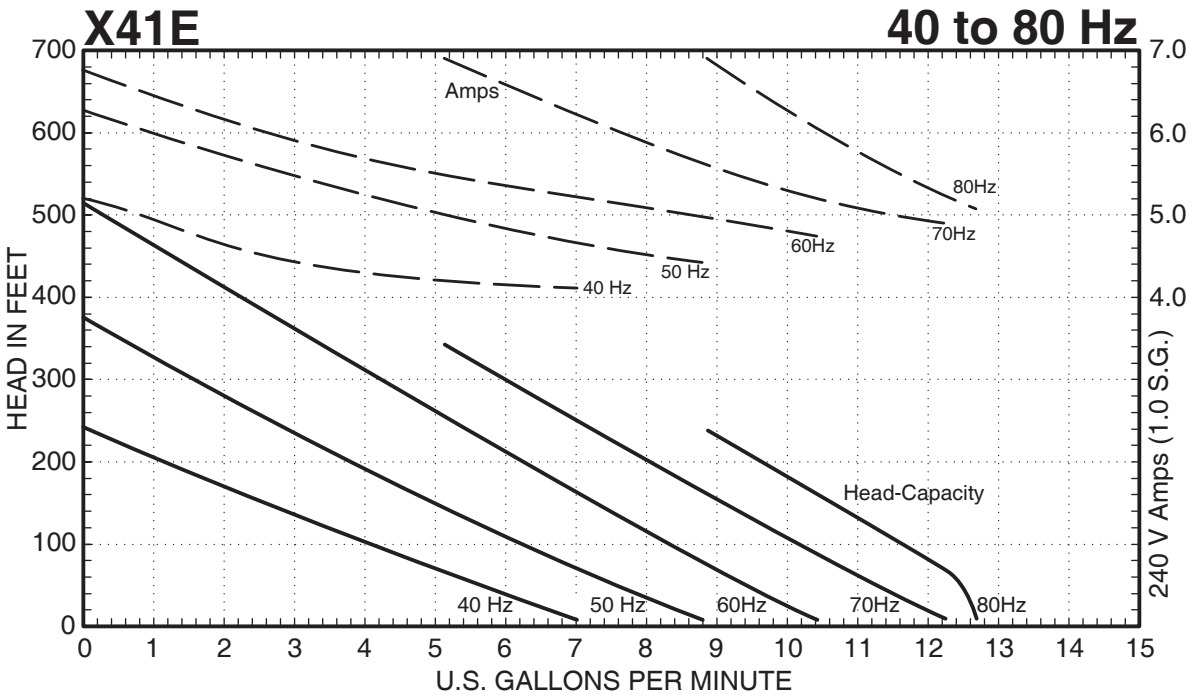
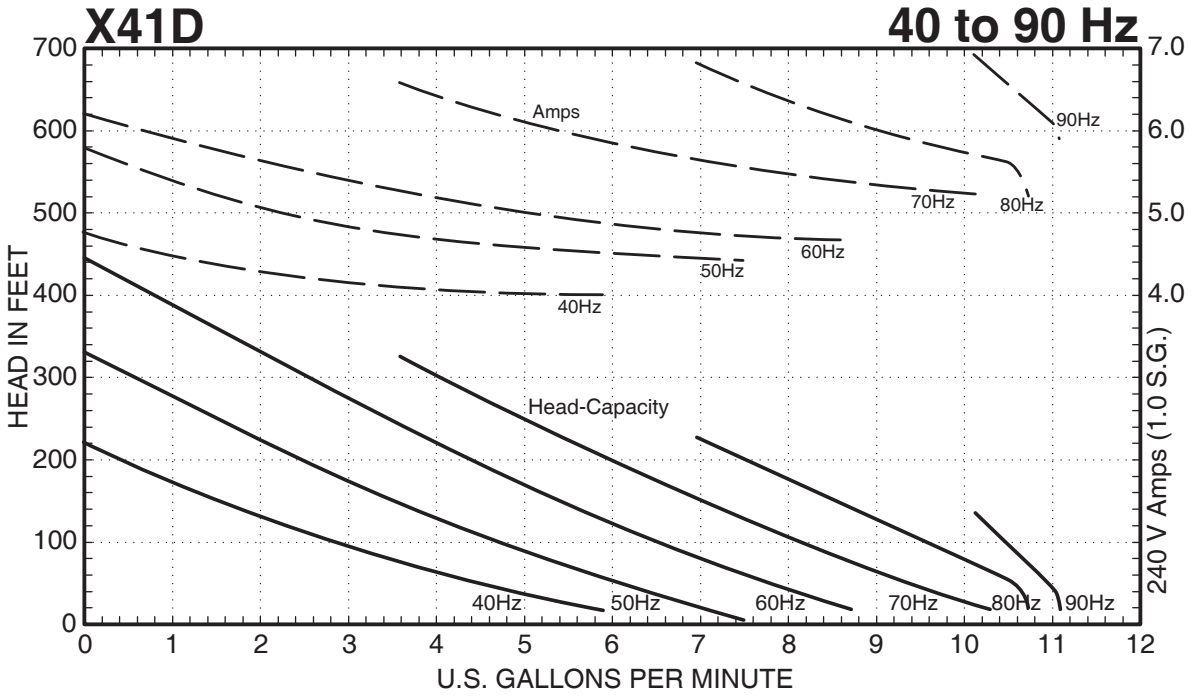


MTH PUMPS

401 West Main Street • Plano, IL 60545-1436
Phone: 630-552-4115 • Fax: 630-552-3688
Email: SALES@MTHPUMPS.COM
http://WWW.MTHPUMPS.COM

X41 SERIES
Performance Curves

X41 SERIES PUMPS



— — — — — Indicates 240 V Amps

* Horsepower data is valid for 1.0 specific gravity fluids only



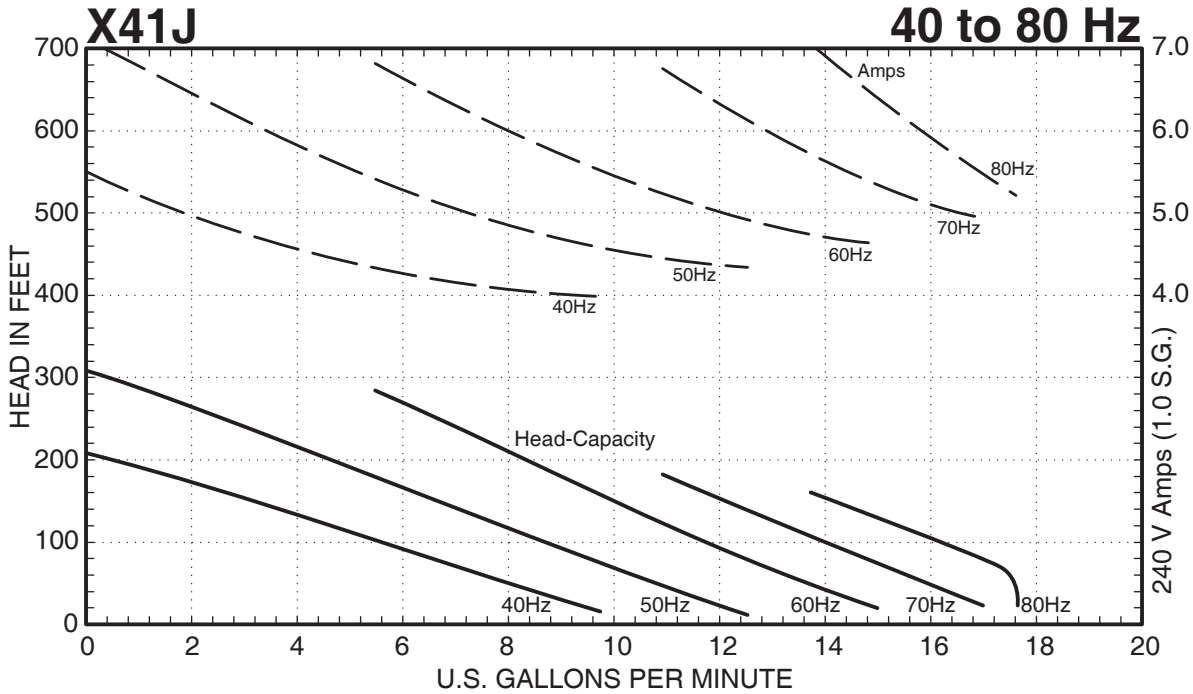
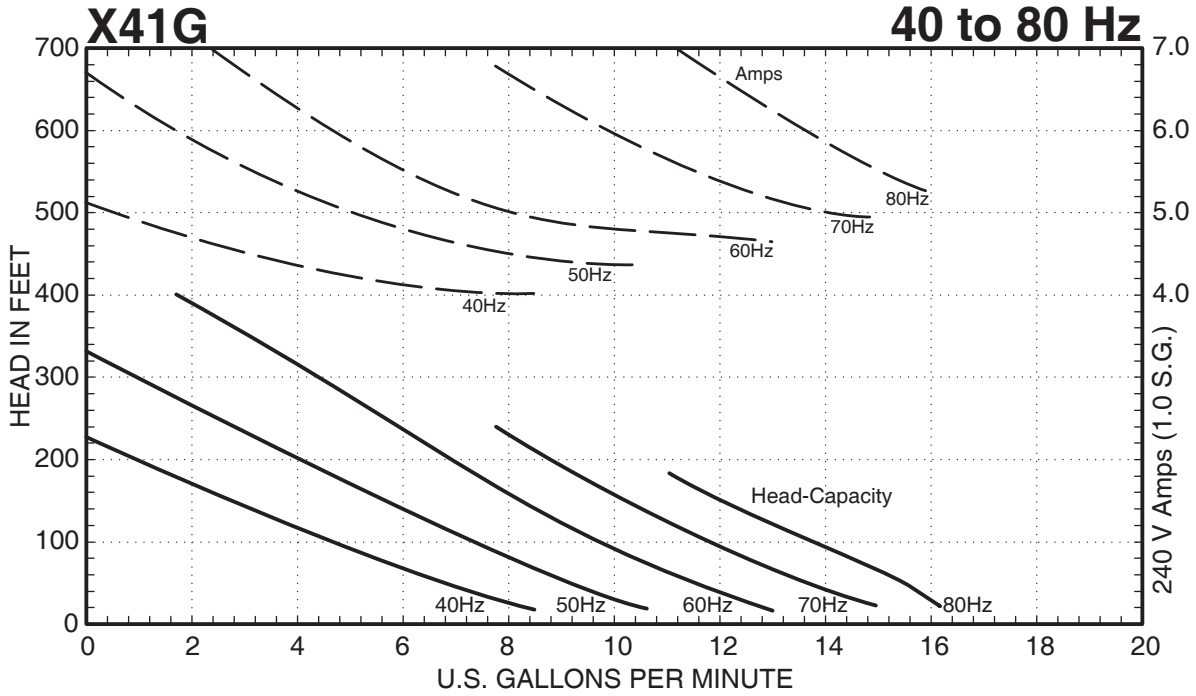
MTH PUMPS

401 West Main Street • Plano, IL 60545-1436
 Phone: 630-552-4115 • Fax: 630-552-3688
 Email: SALES@MTHPUMPS.COM
 http://WWW.MTHPUMPS.COM

X41 SERIES

Performance Curves

X41 SERIES PUMPS



— — — — — Indicates 240 V Amps

* Horsepower data is valid for 1.0 specific gravity fluids only



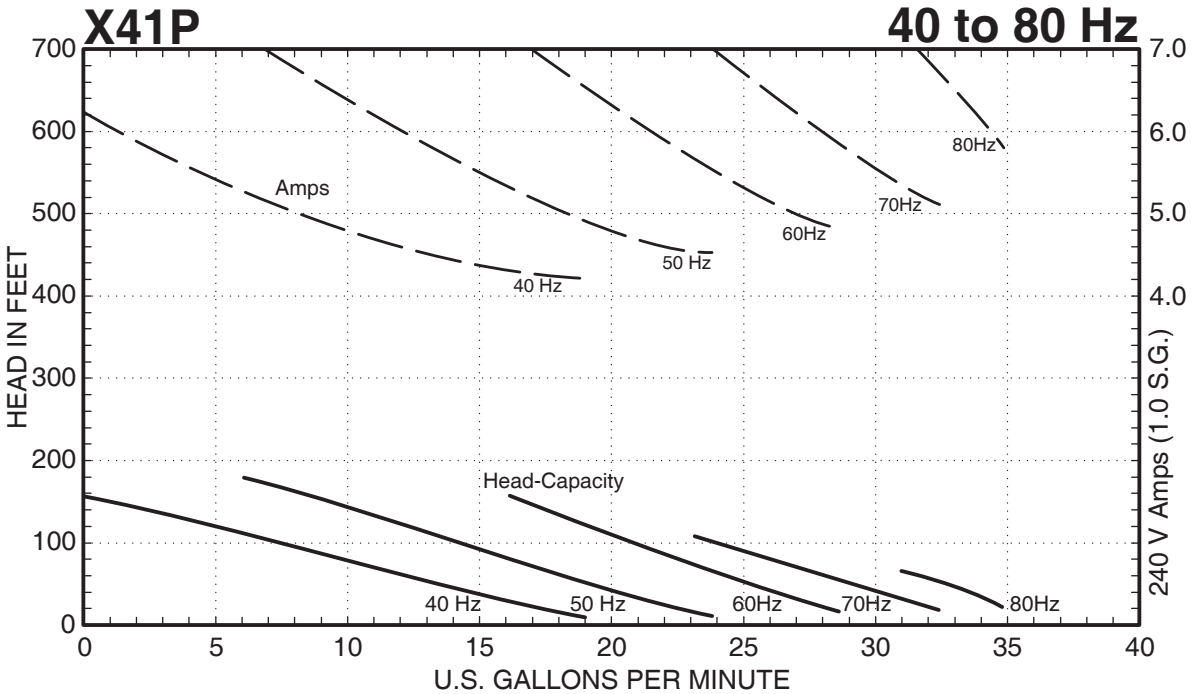
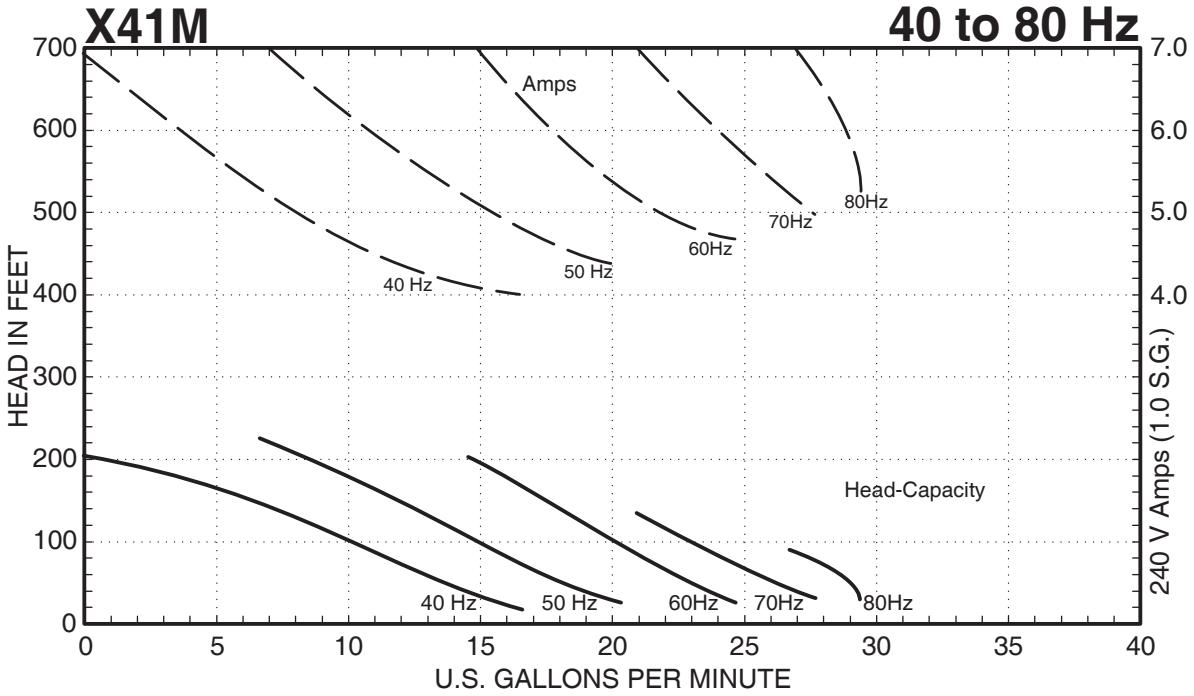
MTH PUMPS

401 West Main Street • Plano, IL 60545-1436
 Phone: 630-552-4115 • Fax: 630-552-3688
 Email: SALES@MTHPUMPS.COM
 http://WWW.MTHPUMPS.COM

X41 SERIES

Performance Curves

X41 SERIES PUMPS



— — — — — Indicates 240 V Amps

* Horsepower data is valid for 1.0 specific gravity fluids only



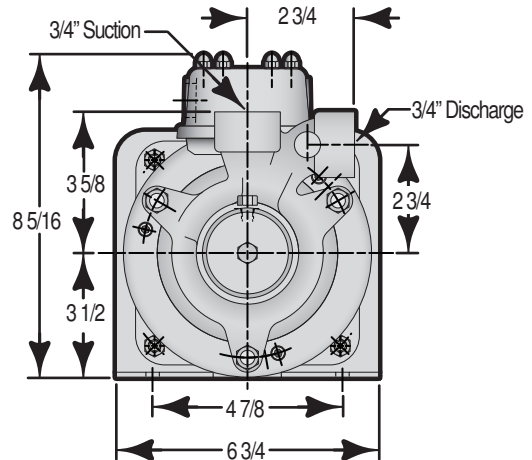
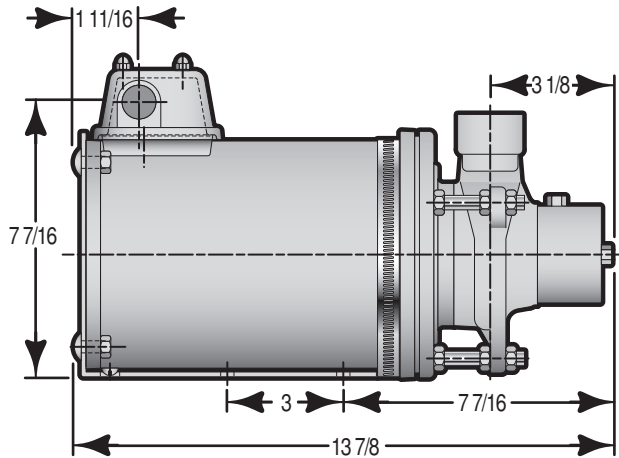
MTH PUMPS

401 West Main Street • Plano, IL 60545-1436
 Phone: 630-552-4115 • Fax: 630-552-3688
 Email: SALES@MTHPUMPS.COM
 http://WWW.MTHPUMPS.COM

X41 SERIES

Dimensions

X41 SERIES PUMPS



STANDARD MATERIALS

PART	STANDARD STAINLESS STEEL	OPTIONAL MATERIALS
Casing	Stainless Steel AISI 316	Stainless Steel AISI 316
Motor Bracket	Stainless Steel AISI 316	Stainless Steel AISI 316
Impeller	W88 ASTM A494	Optional Impeller Materials are Available
Shaft	Stainless Steel AISI 304	Chrome Oxide Coated
"O" Rings	Viton A	EPR, Buna, Kalrez
Bearings	Carbon	Silicon Carbide

LIMITATIONS

Case Working Pressure	250 PSI
Differential Pressure (Min.)	25 PSI
Speed ¹	5400 RPM

Temperature

Max Ambient	40°C
Potted Construction (Std.)	10°C to 130°C
Unpotted Construction ²	-40°C to 35°C

¹With Variable Speed Drive @ 90 HZ

²Special criteria required to meet or exceed these limitations. Please Consult Factory for further information. Pump, motor, and fluid must be at least 1°C or warmer whenever the unit is started to prevent frost from forming on the motor windings.

Application Specifications

Type of Service _____
 Fluid Name _____
 Suction Pressure _____ Feet of Fluid Head
 Maximum Flow _____ GPM
 @ _____ Feet Total Dynamic Head
 Minimum Flow _____ GPM
 @ _____ Feet Total Dynamic Head
 Typical Flow _____ GPM
 @ _____ Feet Total Dynamic Head
 Maximum Fluid Temperature _____ °C, °F
 Minimum Fluid Temperature _____ °C, °F
 Typical Operating Fluid Temperature _____ °C, °F
 Net Positive Suction Head Available _____ Feet
 Fluid Head Vapor Pressure _____ Feet
 at Max. Fluid Temp.

Surface Tension _____ Dynes per Sq. Centimeter at
 Maximum Temp.
 Viscosity of fluid _____ at Typical Operating Temp.
 (Centipoise)
 Specific Gravity of Fluid _____ at Typical Operating Temp.
 Known Compatible Construction Materials _____
 Known Compatible Elastomers for Static Use _____
 Known Non-Compatible Elastomers _____
 Duty Cycle _____ Starts/Hour, Day, or Continuous
 Duty Cycle _____ Hours per Day
 Available Voltage _____ (115/208-230/460)
 Phase _____ (1 or 3)
 Input Frequency _____ (50 or 60 Hertz)
 Maximum Current Available _____ Amps.
 (Starter or Contactor)

Order Online: www.PumpCatalog.com



MTH PUMPS

401 West Main Street • Plano, IL 60545-1436
 Phone: 630-552-4115 • Fax: 630-552-3688
 Email: SALES@MTHPUMPS.COM
<http://WWW.MTHPUMPS.COM>