



## Specifications 12VL and 12VLX

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**PUMP MODEL** – Pump shall be Myers Model Number 12VL / 12VLX Solids Handling Submersible Pump with two-vane enclosed impeller. All openings in pump impeller and volute case to be large enough to pass a 5-1/4" diameter sphere. Discharge flange shall be twelve (12) inch standard. The pump and motor assembly shall be FM listed for Class 1, Division 1 hazardous location service (12VLX only).

**OPERATING CONDITIONS** – Pump shall have a capacity of \_\_\_\_\_ GPM at a total head of \_\_\_\_\_ feet and shall use a \_\_\_\_\_ HP motor operating at \_\_\_\_\_ RPM.

**MOTOR** – Pump motor shall be of the sealed submersible type rated \_\_\_\_\_ HP at \_\_\_\_\_ RPM, 60 Hertz. Motor shall be for three phase 200 volts \_\_\_\_\_, 230 volts \_\_\_\_\_, 460 volts \_\_\_\_\_, or 575 volts \_\_\_\_\_. Motor shall be NEMA B type.

Stator winding shall be of the open type with Class H insulation good for 180°C maximum temperature. Winding housing shall be filled with a clean high dielectric oil that lubricates bearings and seals and transfers heat from winding and rotor to outer shell. Air-filled motors, which do not have the superior heat dissipating capabilities of

the motor starter contactor coil to stop motor if temperature of winding is more than 302°F. Thermostat shall reset automatically when motor cools to safe operating temperature. Three heat sensors to be used on 3 phase

