Technical Specifications

- **Maximum intermittent flow rate of:** 5,130 litres per hour / 22.6 gallons per minute
- **Maximum continuous flow rate of:** 3,990 litres per hour / 17.6 gallons per minute
- **Flow per revolution of:** 0.95 litres / 0.25 gallon
- **Pressure capability of:** 10 Bar / 150 psi
- **Maximum temperature:** 80 Degrees Celsius / 176 Degrees Fahrenheit
- **Inner hose diameter of:** 32 mm / 1½ inch

Features

- Pumps abrasive slurries, corrosive material, solids and gaseous liquids with ease
- Ideal for high viscosity or shear sensitive products
- Pumps can run-dry indefinitely without damage
- No check valves or seal water flush systems
- Fully reversible – pumps in either direction
- Minimal maintenance – the hose is the only wearing part
- Pump casings available in a choice of materials including stainless steel
- Suction lift capability up to 9.5 metres and self-priming
- Highly accurate
Technical Specifications

- **Operating Speeds:** 0 to 90rpm
- **Product Temperature Range:** -10 °C to +80 °C / 14 °F to 176 °F
- **Suction Lift:** 9.5 metres / 30 feet lift
- **Hose Materials:** Natural Rubber, Nitrile (Buna), EPDM and CSM
- **Connections available:** DIN, ASA, JIS: mild steel galvanised
- **Hose Lubricant Required:** 5 litres / 1.32 gallons
- **Sound level at 1m:** < 70 dB(A) (pumping water at maximum continuous flow)
- **Optional Hose Failure Sensor:** Capacitive DC sensor

Materials of Construction

- **Pump housing:** Carbon steel or stainless steel
- **Rotor:** Aluminium or carbon steel
- **Compression rollers:** Acetal or steel
- **Front cover:** Carbon steel
- **Support Frame:** Carbon steel
- **Seals:** Neoprene or Nitrile

The information contained in this document is believed to be correct at the time of publication, but AFX Mixing and Pumping Technologies Inc. accepts no liability for any error it contains, and reserves the right to alter specifications without prior notice. All values given in this document are values under controlled test conditions. Actual site flow rates achieved may differ due to changes in temperature, product viscosity, suction and discharge pressures and/or system configuration.