SEPRO HOSE PUMP MODEL E100

TYPICAL APPLICATIONS

- Municipal Waste
- Mining Slurry
- Food Industry
- Paints, Glues, Oils
- Effluent Processing
- Thickener, Tailings

DESIGN

- Heavy Duty Design
- Rollers with Sealed Bearings
- Hose Bore: 100mm
- Connection: 4"
- Powder Coated Housing
- Pump Weight: 1500kg
- Lubricant Volume: 40 liters

HOSE CONNECTIONS

- Flange (Standard)
- Victaulic Groove

HOSE MATERIALS

- Natural Rubber
- Food Grade Nitrile (Buna)
- Oil Resistant Nitrile (Buna)
- EPDM/Butyl
- Hypalon
- Viton

SEPRO Hose Pump Model E100 is excellent for high density and high viscosity product, and ideal for corrosive and abrasive environments. Key advantages include:

- Elliptical hose profile, which allows for double the hose life due to less stress and heat generated during operation
- Rotating rollers for soft lubricated hose compression
- Accurate and controllable flowrate that does not require valves or seals
- Suction lift up to 9.5m*
- Self-priming, dry-running, reversible operation

*Water at normal conditions.

CONSTRUCTION MATERIALS

Pump Housing:	Ductile Cast Iron
Gearmotor:	Ductile or Cast Iron
Rotor:	Ductile Cast Iron
Pump Frame:	A36 Steel, Stainless Steel 304, 316
Roller:	Al 6061-T6
Hose Connector:	SS316

ACCESSORIES

- Pulsation Dampener
- High Pressure Protector
- Sub Level Sensor
- VFD Speed Control

INSTRUMENTATION

- Leak Detector
- Revolution Counter
- NEMA4X Control Panel with Touch Screen

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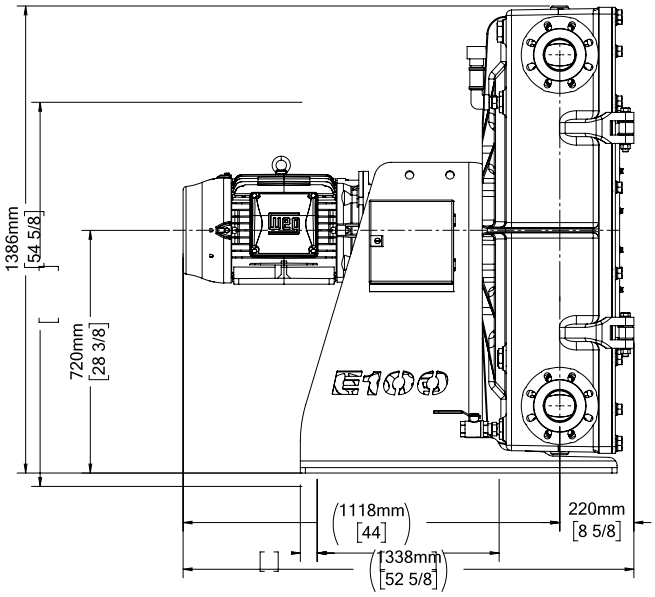
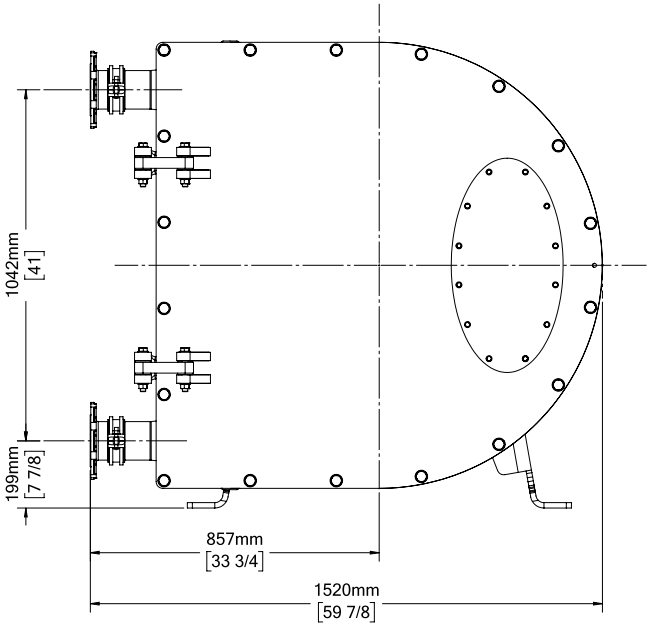
PERFORMANCE	
Flow (continuous):	5 - 48 m³/h (22 - 211 GPM)
Disch. Pressure:	20 Bar (290 PSI)
Motor Power:	5.5 - 37 kW (7 - 50 HP)*

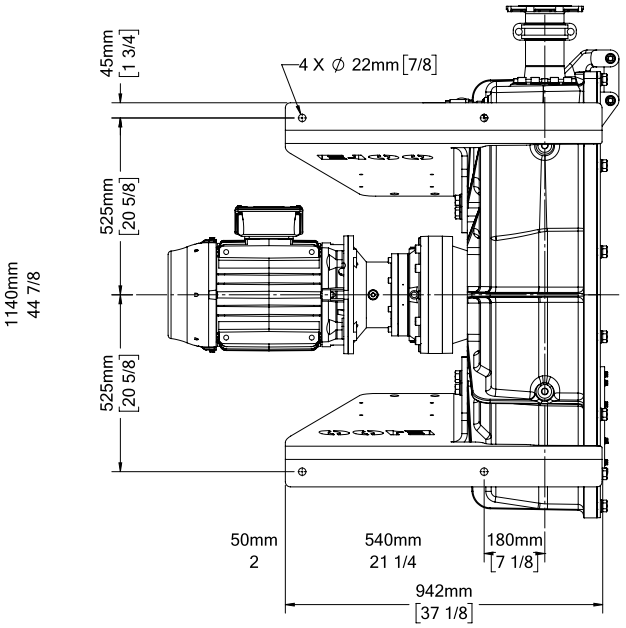
PERFORMANCE	
Pump Speed:	10 - 40 RPM*
Displacement:	20 liters/rev

*Power and speed vary according to process requirements.

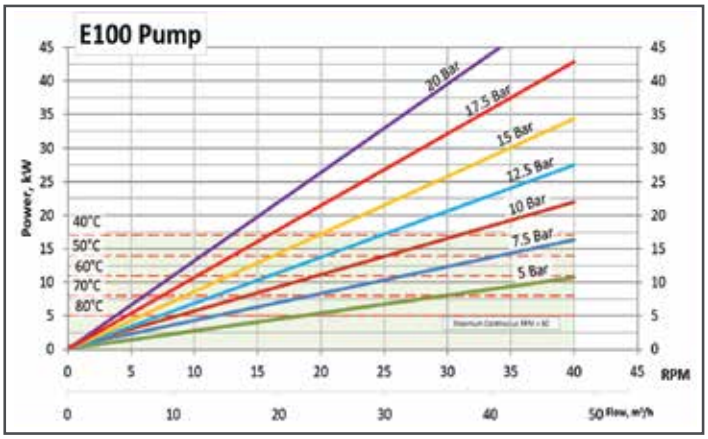
DIMENSIONS







PUMP PERFORMANCE CURVE



Note: Green area covers pump continuous operation. Pump can run at higher speed, which falls under intermittent regime, but requires periodical cooling.

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