

INFINITY SERIES ELECTRIC PUMP

PE45
700 bar/10,000 psi



700 BAR (10,000 PSI) INFINITY SERIES (ISP) ELECTRIC PUMP

The PE45 is an Infinite Stage Electric Pump which increases productivity on the job by providing continuous pressure for up to 2x the speed of typical 2-stage pumps. Jobs get done faster and easier.

Quality means Lower Life-Cycle Costs:

- Over 100,000 cycles
- Continuous duty up to 50°C (122°F) ambient
- Proven design = Proven reliability

Enhanced Usability:

- Light Weight: 32.2 kg (71 lb) [without oil]
- Removable control pendant (5 m/15 ft)
- Removable 100mm (4"), calibration-capable gauge
- Universal Motor for reduced voltage applications (up to -20% nominal voltage)
- 4 tool manifold available powers up to 4 tools from a single pump (not for lifting applications)
- High flow to get work done faster

Designed with Safety in Mind:

- Easily adjusted pressure regulator (relief) valve
- Fixed 103 bar (1,500 psi) retract relief valve pressure

DESIGNED FOR

Electric



Air



Gas



Hand



MAINTENANCE
& REPAIR

ORIGINAL
INSTALL

Split



Tension



Torque



Max
Flow



Specifications and Dimensional Data

Size (L x W x H): 45 cm x 35.6 cm x 67.5 cm
17.7" x 14.0" x 26.6"

Weight: 32.2 kg (71 lb) [without oil]

Maximum Oil Capacity: (vented reservoir)
6.75 L (1.5 Gallons) [to fill line]
5.1 L (1.12 Gallons) [usable]

Operating Environment:
-25°C to +50°C (-13°F to +122°F)

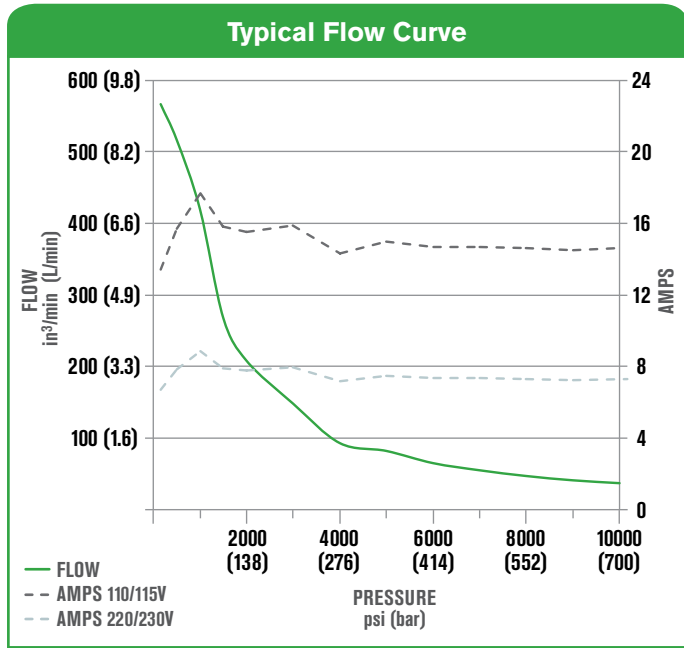
(When operating near temperature extremes, it is recommended to use hydraulic oils that are rated for those temperatures. Refer to service manual and cooling option)

Sound Level: 87-92 dBA (max)

Pressure: 0 - 700 bar (0 - 10,000 psi)

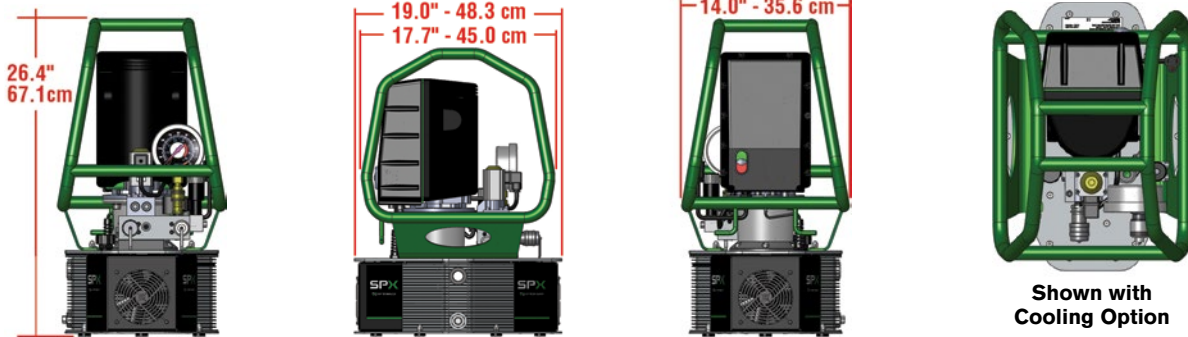
Typical Flow: 9.4 L/min - 0.8 L/min
(575 in³/min - 48 in³/min)

Power: 1.8 hp Universal Motor
110/115V - 50/60 Hz (17 amps)
220/230V - 50/60 Hz (8.5 amps)



OPTIONS:

- Roll Cage
- 4-Port manifold
- 115V grounded plug pre-installed



Ordering Information

PE 45 **EE 4** **PRS**

Power Source

- Y** = 110/115 VAC w/plug
- L** = 110/115 VAC w/flying leads (not stocked)
- P** = 220/230 VAC w/flying leads

Auto Cycle

- Blank** = No Auto Cycle
- A** = w/Auto Cycle

- Ports

- Blank** = 1 port (1 tool)
- M** = 4 ports (4 tools)

Example: PE45YEE4AMPRS

PE45 Electric Pump with 110/115 VAC Motor with cord with typical grounded 3 prong plug, with Auto Cycle Feature, and with 4 ports.