

**INFINITY SERIES
ELECTRIC PUMP**

PE45
700 bar/10,000 psi

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

The SPX 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



**MAINTENANCE
& REPAIR**

**ORIGINAL
INSTALL**



**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)

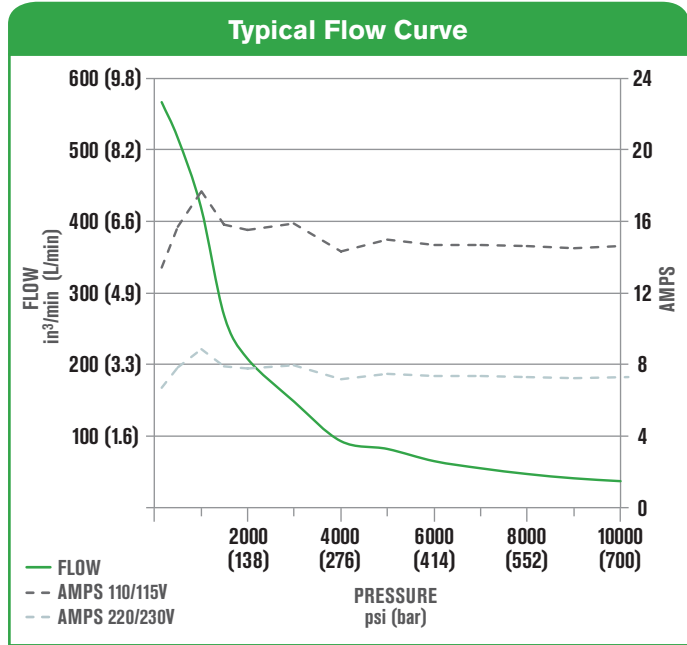
(When operating near temperature extremes, it is recommended to use hydraulic oils that are rated for those temperatures. Refer to service manual and cooling option)

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:

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



Shown with Cooling Option

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

Cooling

Blank = w/o cooling
C = w/cooling

- Ports

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

Example: PE45YEE4ACMPRS

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