

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)

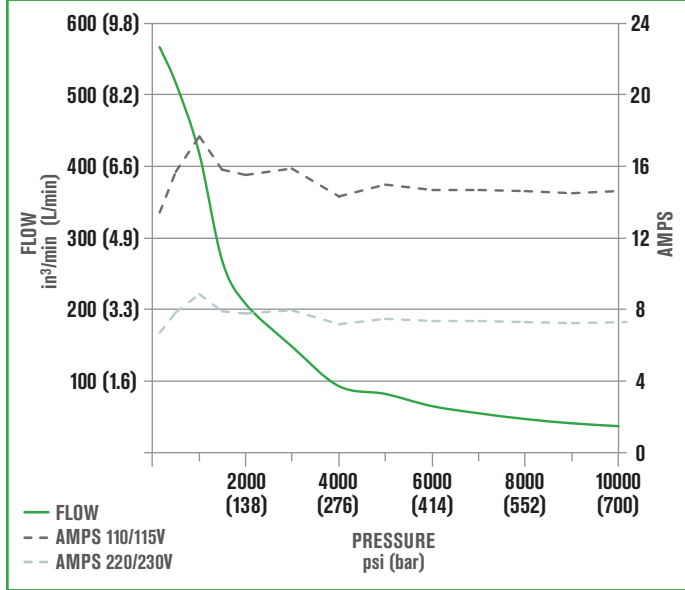
Pressure: 0 - 700 bar (0 - 10,000 psi)

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)



Typical Flow Curve



OPTIONS:

- Oil Cooling System
- 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

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.