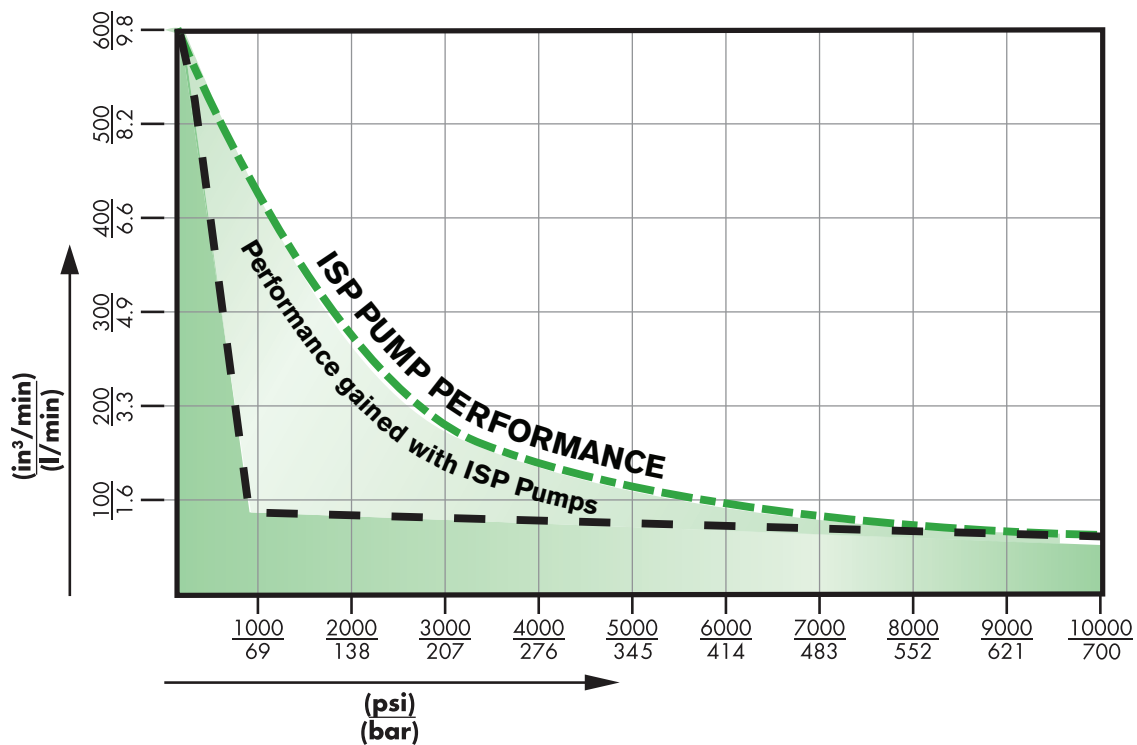


The Infinity Stage Pump (ISP) from SPX helps get work done faster. The innovative, patent pending design takes advantage of a continuously variable output that provides maximum flow within the rated pressure range of the pump - from 0 - 700 bar (0 to 10,000 psi). Most torquing and spreading work is done between 70 – 400 bar (1,000 – 6,000 psi), which is where the Infinity Stage Pumps (ISP) provide the most significant advantage over traditional pumps. For example, at 70 bar (1,000 psi) there is 5X as much flow as a traditional two-stage pump. At 275 bar (4,000 psi) there is 2X as much flow as a traditional pump.

THE ISP ADVANTAGE: INCREASED PRODUCTIVITY

The additional flow moves tools faster which allows work to be done quicker and more efficiently. The increased efficiency saves you time – allowing you to get onto your next job sooner and more profitably.



AVAILABLE ON

PE45



PA60A



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

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)

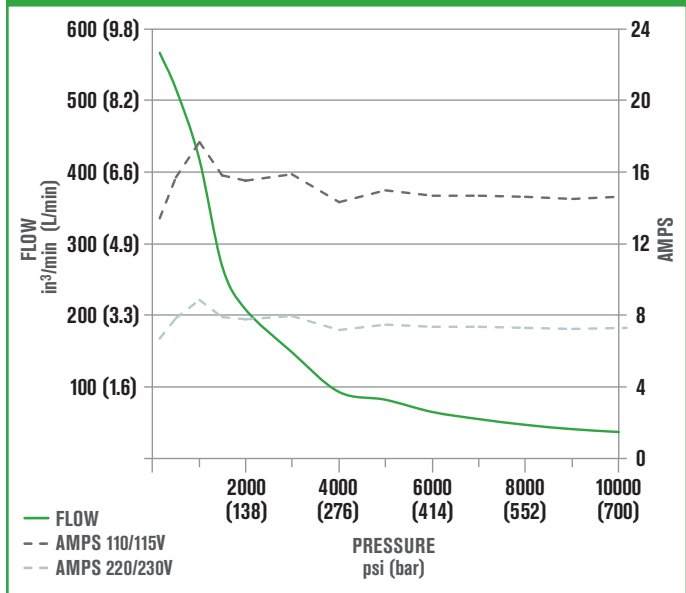
Pressure: 0 - 700 bar (0 - 10,000 psi)

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)

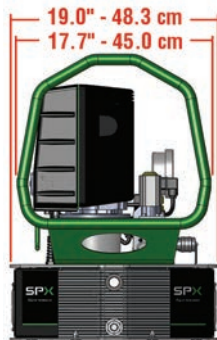


Typical Flow Curve



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.