

## CLASSIC SERIES AIR HYDRAULIC PUMP

RWP55-BS  
700 bar/10,000 psi



## 700 BAR (10,000 PSI) CLASSIC SERIES AIR HYDRAULIC PUMP

The RWP55-BS has been the market leading pump for over 30 years & is therefore tried & tested. A simple, light-weight design with a recent upgrade that has created a cost-effective workhorse.

### 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:

- Powerful 3 hp motor starts under load
- Retract side internal relief valve protects tool
- Use with single or double acting tools. Not for lifting applications
- 4" calibration capable gauge

### Designed with Safety in Mind:

- Easily adjusted pressure regulator (relief) valve
- Has a retract port pressure selector 103 or 700 bar (1,500 or 10,000 psi)

### 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):** 42 cm x 24 cm x 50 cm  
16.6" x 9.5" x 19.8"

**Weight:** 38 kg (84 lb) [without oil]

**Maximum Oil Capacity:** (vented reservoir)

6.8 L (1.8 Gallons) [to fill line]

5.3 L (1.4 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 manuals and cooling options)

**Sound Level:** 85-92 dBA (max)

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

**Typical Flow:** 7.6 L/min - 0.9 L/min  
(465 in<sup>3</sup>/min - 55 in<sup>3</sup>/min)

**Air:** 1.4 m<sup>3</sup>/min @ 5.5 bar (50 cfm @ 80 psi)

1.65 m<sup>3</sup>/min @ 6.2 bar (58 cfm @ 90 psi)

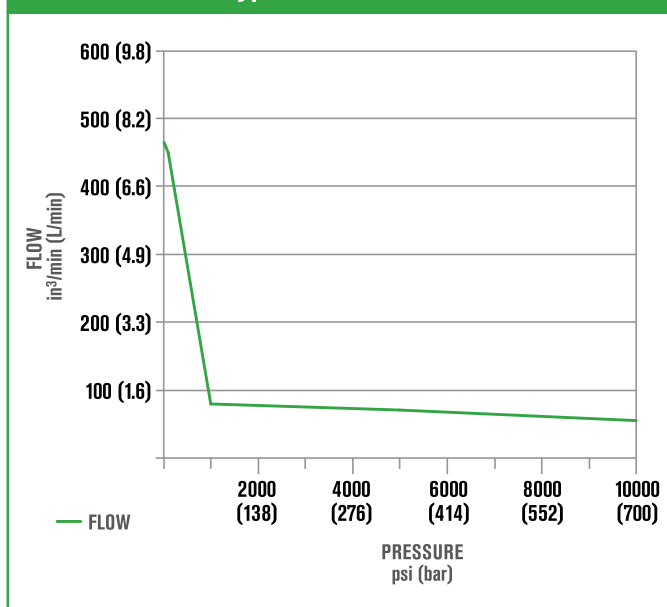
1.89 m<sup>3</sup>/min @ 6.9 bar (67 cfm @ 100 psi)

\* Values shown are with filter/regulator/lubricator.

Values will increase without filter/regulator/  
lubricator.



### Typical Flow Curve



Order No.	Oil Delivery per min	Oil Reservoir L (gal)	Usable Oil L (in <sup>3</sup> )	Overall Width mm (in)	Overall Length mm (in)	Overall Height mm (in)	Pump Weight w/Oil kg (lb)
RWP55-BS	7.6 L @ 7 bar 0.9 L @ 700 bar	9.5 (2.5)	5.3 (324)	420 (16.55)	241 (9.5)	503.7 (19.83)	44 (98)
	465 in <sup>3</sup> @ 100 psi 55 in <sup>3</sup> @ 10,000 psi						
RWP55-4-BS (4-tool manifold)	7.6 L @ 7 bar 0.9 L @ 700 bar	9.5 (2.5)	5.3 (324)	420 (16.55)	241 (9.5)	503.7 (19.83)	44 (98)
	465 in <sup>3</sup> @ 100 psi 55 in <sup>3</sup> @ 10,000 psi						

### Motor Data

	Air Motor	Air Control
RWP55-BS	1.4 m <sup>3</sup> /min @ 5.5 bar 3 hp, 50 cfm @ 80 psi	Pneumatic remote control with 6 meter (25-foot) cord

## Ordering Information

Order No.	Description
RWP55-BS	Air Pump, Single tool
RWP55-BS-R	Air Pump, Single tool, with roll cage
RWP55-4-BS	Air Pump, 4 tool
RWP55-4-BS-R	Air Pump, 4 tool, with roll cage