

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)

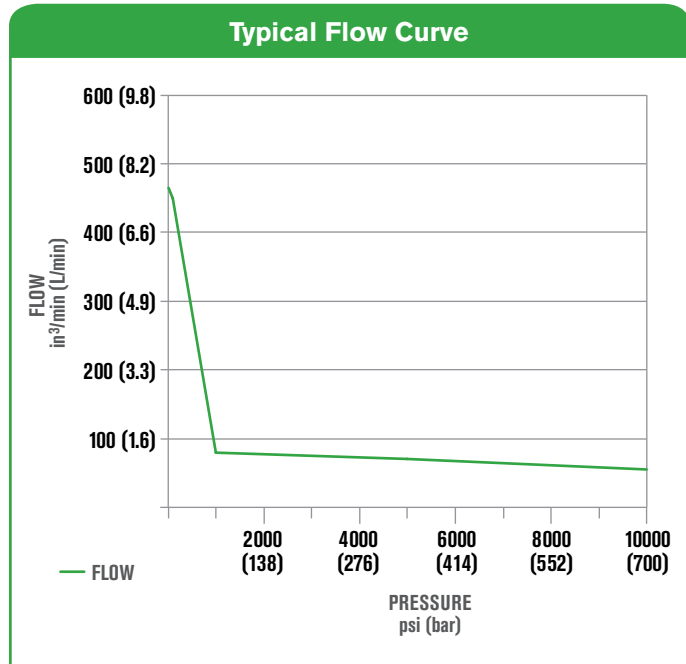
Sound Level: 85-92 dBA (max)

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

Typical Flow: 7.6 L/min - 0.9 L/min
(465 in³/min - 55 in³/min)

Air: 1.4 m³/min @ 5.5 bar (50 cfm @ 80 psi)
1.65 m³/min @ 6.2 bar (58 cfm @ 90 psi)
1.89 m³/min @ 6.9 bar (67 cfm @ 100 psi)

* Values shown are with filter/regulator/lubricator.
Values will increase without filter/regulator/
lubricator.



Order No.	Oil Delivery per min	Oil Reservoir L (gal)	Usable Oil L (in ³)	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 ³ @ 100 psi 55 in ³ @ 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 ³ @ 100 psi 55 in ³ @ 10,000 psi						

Motor Data

	Air Motor	Air Control
RWP55-BS	1.4 m ³ /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