

HAND PUMP

Hydraulic P Series

12 to 55 cu. in.

Single-Speed Single-Acting

BEST SUITED FOR APPLICATIONS WHERE THERE IS LITTLE OR NO FREE TRAVEL.

- All metal construction, won't burn through in welding environments.
- Formed metal handle provides less flex, and reduces operator fatigue.
- Convenient fill port on P23 and P55 allows pumps to be filled in a horizontal or vertical position.
- Fill cap seal acts as safety valve preventing over-pressurizing of reservoir.
- Relief valve inboard of check valve prevents loads from drifting down.
- Large valve knob gives added control for slowly metering loads down.



P23

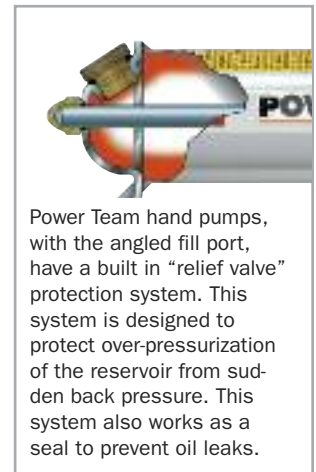
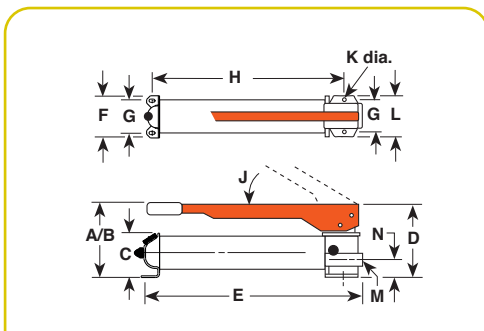
10,000 psi



P12



P55



Power Team hand pumps, with the angled fill port, have a built in "relief valve" protection system. This system is designed to protect over-pressurization of the reservoir from sudden back pressure. This system also works as a seal to prevent oil leaks.

| Pump No. | A (in.) | B (in.) | C (in.) | D (in.) | E (in.) | F (in.) | G (in.) | H (in.) | J (deg.) | K (in.) | L (in.) | M (in.) | N (in.) | P (in.) |
|--|-------------------------------|---------|-------------------------------|--------------------------------|--------------------------------|-------------------------------|--------------------------------|---------------------------------|----------|--------------------------------|-------------------------------|------------------------------------|-------------------------------|---------|
| P12 | 4 | — | — | 4 | 13 ¹ / ₂ | 3 ³ / ₈ | 2 ³ / ₁₆ | — | 45 | 3 ¹ / ₁₆ | 3 ³ / ₈ | 3 ¹ / ₈ NPTF | 1 ¹ / ₈ | — |
| * P23 | 6 ³ / ₄ | 13 | 3 ¹ / ₂ | 5 ⁹ / ₁₆ | 13 ⁵ / ₈ | 4 ¹ / ₄ | 3 ¹ / ₄ | 10 ⁵ / ₁₆ | 38 | 5 ¹ / ₁₆ | 4 ³ / ₄ | 3 ¹ / ₈ NPTF | 1 ⁵ / ₈ | — |
| *The P23 pump maximum pressure is 3000 psi only. | | | | | | | | | | | | | | |
| P55 | 6 ¹ / ₂ | 21 | 3 ¹ / ₂ | 5 ⁹ / ₁₆ | 23 | 4 ¹ / ₄ | 3 ¹ / ₄ | 19 ³ / ₄ | 38 | 5 ¹ / ₁₆ | 4 ³ / ₄ | 3 ¹ / ₈ NPTF | 1 ⁵ / ₈ | — |

| For Use With | Order No. | Volume & Pressure | | | | | Handle Effort (lbs.) | Reservoir | | Oil Port (in.) | Product Weight (lbs.) |
|---------------|------------|-------------------|-----------------------------|------|------------------------|--------|----------------------|-----------------------|-------------------------------|------------------------------------|-----------------------|
| | | Speed | Volume per Stroke (cu. in.) | | Maximum Pressure (psi) | | | Oil Capacity (cu.in.) | Usable Oil Capacity (cu. in.) | | |
| Single Acting | P12 | 1 | — | .069 | — | 10,000 | 75 | 12 | 9 | 3 ¹ / ₈ NPTF | 5.7 |
| | P23 | 1 | — | .160 | — | 3,000 | 70 | 23.8 | 20.3 | 3 ¹ / ₈ NPTF | 12 |
| Cylinders* | P55 | 1 | — | .160 | — | 10,000 | 145 | 55 | 45 | 3 ¹ / ₈ NPTF | 15.8 |

LP = Low Pressure
HP = High Pressure

* Pump includes 2-Way Valve