

# 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

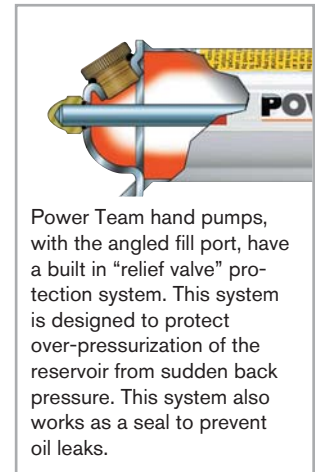
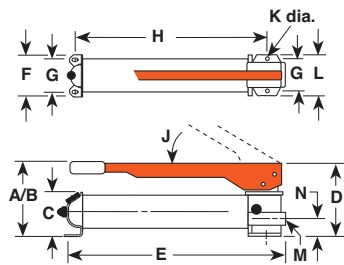
10,000 psi



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	13	2 <sup>1</sup> / <sub>16</sub>	4	13 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>2</sub>	45	3 <sup>3</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>8</sub> NPTF	1 <sup>1</sup> / <sub>8</sub>	—
* P23	6 <sup>1</sup> / <sub>4</sub>	13	3 <sup>1</sup> / <sub>2</sub>	5 <sup>9</sup> / <sub>16</sub>	13 <sup>5</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>4</sub>	10 <sup>5</sup> / <sub>16</sub>	38	5 <sup>5</sup> / <sub>16</sub>	4 <sup>3</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>8</sub> NPTF	1 <sup>5</sup> / <sub>8</sub>	—
*The P23 pump maximum pressure is 3000 psi only.														
P55	6 <sup>1</sup> / <sub>2</sub>	21	3 <sup>1</sup> / <sub>2</sub>	5 <sup>9</sup> / <sub>16</sub>	23	4 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>4</sub>	19 <sup>3</sup> / <sub>4</sub>	38	5 <sup>5</sup> / <sub>16</sub>	4 <sup>3</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>8</sub> NPTF	1 <sup>5</sup> / <sub>8</sub>	—

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

LP = Low Pressure  
HP = High Pressure

\* Pump includes 2-Way Valve