

# Hand Pump

## HYDRAULIC P SERIES

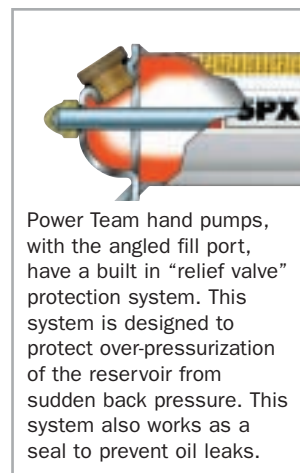
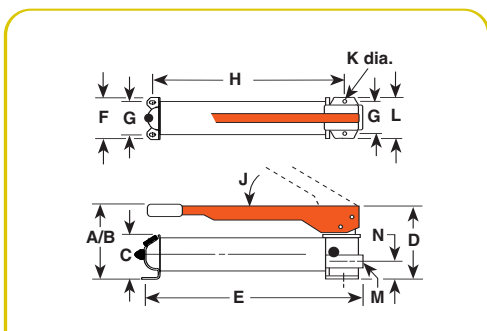
**12 to 55 cu. in.**  
Single-Speed  
Single-Acting

P  
U  
M  
P  
S

- 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.

P12

P23



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.)
<b>P12</b>	4	—	—	4	13 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>16</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>	—
* <b>P23</b>	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>3</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.														
<b>P55</b>	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>3</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					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	<b>P12</b>	1	—	.069	—	10,000	75	12	9	3 <sup>3</sup> / <sub>8</sub> NPTF	5.7
	<b>P23</b>	1	—	.160	—	3,000	70	23.8	20.3	3 <sup>3</sup> / <sub>8</sub> NPTF	12
Cylinders*	<b>P55</b>	1	—	.160	—	10,000	145	55	45	3 <sup>3</sup> / <sub>8</sub> NPTF	15.8

LP = Low Pressure  
HP = High Pressure

\* Pump includes 2-Way Valve