# Hand Pumps

## Aluminum and Steel




## P Series



### Combo Kits

Most hand pumps are available in easy to order kits; Pump, Gauge, Couplers, Hose and Cylinder

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### Related Product: Gauges



Reduce the risk of overloading your product by using a gauge. A variety of graduations and types to suit any need.

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### Safety Instructions

Visit our DO'S and DON'TS section to review the best methods of operation. Always be prepared.

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### Product Information

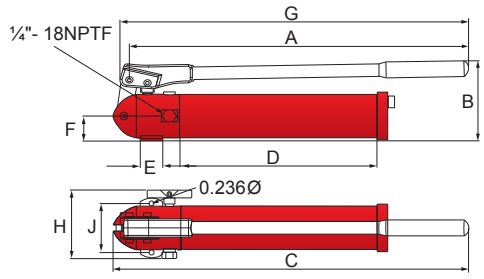
- Metal reservoirs resist cracking
- Internal pressure relief valve for overload protection
- Good for use with cylinders and hydraulic tools or OEM applications
- Two-Speed pumps reduce user fatigue and increase productivity
- P1000AD can be not only be used in the standard horizontal position, but can also be used with the outlet port facing upwards or downwards positions providing more flexibility in operation
- P1000RP comes with a 7/16"-20 return-to-tank port for applications where this is required

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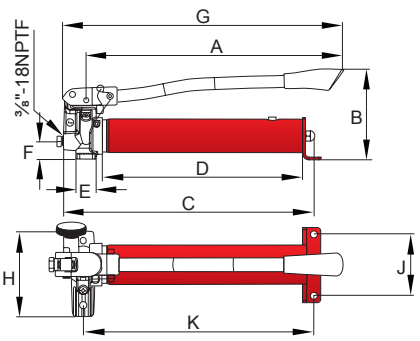
| Model Number | Usable Oil Capacity ($in^3$) | Oil Outlet Port | Pressure Rating/Oil Displacement per Stroke | | Piston Stroke (in) | Handle Operating Force (lbs) | Reservoir Construction |
|---|---|---|---|---|---|---|---|
| | | | 1st Stage (psi/$in^3$) | 2nd Stage (psi/$in^3$) | | | |
| **Single Speed - Single Acting** | | | | | | | |
| P240L | 15 | ¼"-18 NPTF | n/a | 7,200 / 0.09 | 0.63 | 56 | Steel |
| P601S | 37 | ⅜"-18 NPTF | n/a | 10,000 / 0.15 | 0.79 | 109 | Steel |
| P1201S | 67 | ⅜"-18 NPTF | n/a | 10,000 / 0.13 | 0.82 | 89 | Steel |
| **2-Speed - Single Acting** | | | | | | | |
| P350 | 21.4 | ¼"-18 NPTF | 200 / 0.18 | 10,000 / 0.05 | 0.38 | 88 | Aluminum |
| P1000 | 61 | ⅜"-18 NPTF | 200 / 0.81 | 10,000 / 0.14 | 0.82 | 99 | Aluminum |
| P1000AD* | 53-62 | ⅜"-18 NPTF | 200 / 0.81 | 10,000 / 0.14 | 0.82 | 99 | Aluminum |
| P1000RP** | 61 | ⅜"-18 NPTF | 200 / 0.81 | 5,000 / 0.14 | 0.82 | 99 | Aluminum |
| P1201 | 67 | ⅜"-18 NPTF | 200 / 0.81 | 10,000 / 0.14 | 0.82 | 99 | Steel |
| P2001 | 122 | ⅜"-18 NPTF | 200 / 0.81 | 10,000 / 0.14 | 0.82 | 95 | Steel |
| P2301 | 134 | ⅜"-18 NPTF | 200 / 0.81 | 10,000 / 0.14 | 0.82 | 99 | Steel |
| P4301 | 250 | ⅜"-18 NPTF | 200 / 0.81 | 10,000 / 0.14 | 0.82 | 99 | Steel |
| P8701 | 476 | ⅜"-18 NPTF | 290 / 7.71 | 10,000 / 0.29 | 1.69 | 143 | Steel |
| **2-Speed - Double Acting** | | | | | | | |
| P2301M | 134 | ⅜"-18 NPTF | 200 / 0.81 | 10,000 / 0.14 | 0.82 | 99 | Steel |
| P8701M | 476 | ⅜"-18 NPTF | 290 / 7.71 | 10,000 / 0.29 | 1.69 | 143 | Steel |

** Oil capacity varies by position. Pump can be mounted outlet up or down*
*** Unit is equipped with a 7/16"-20 Tank Return Port*

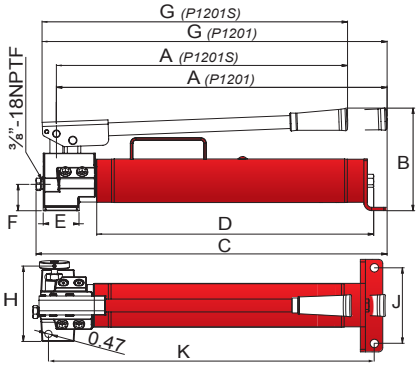
### P240L



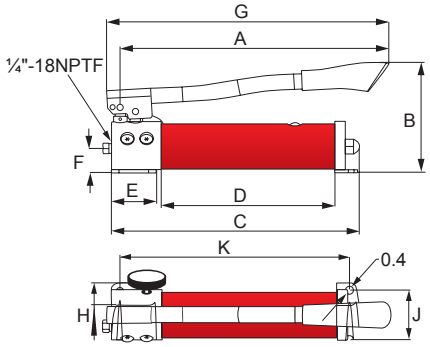

### P601S



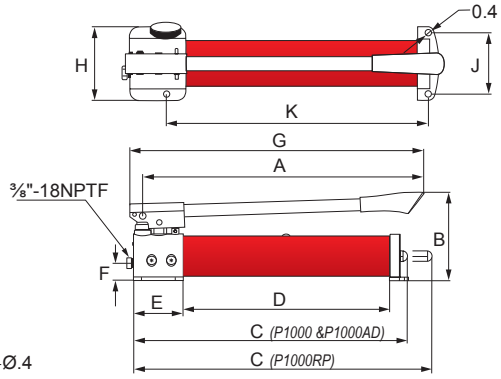

### P1201S, P1201



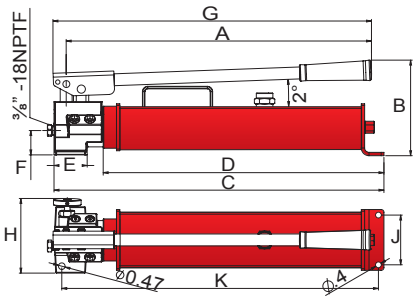

### P350



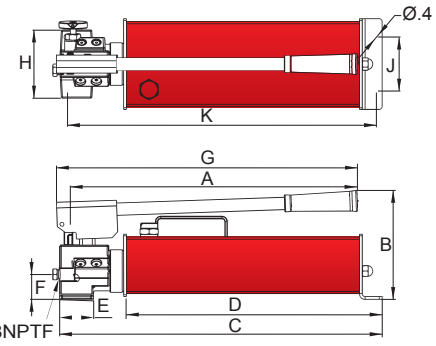

### P1000, P1000AD, P1000RP



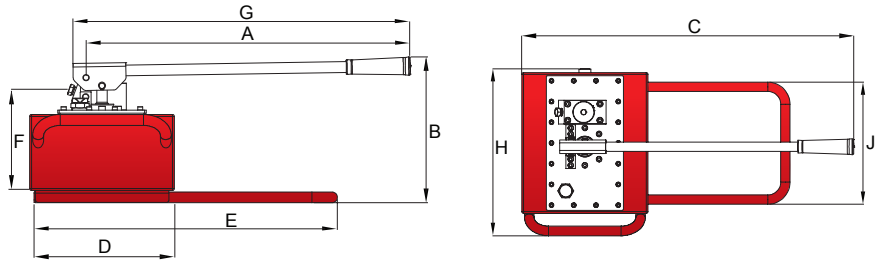

### P2001, P2301, P2301M




### P4301




### P8701, P8701M




| Model Number | Dimensions | | | | | | | | | | Weight w/Oil (lbs) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | J | K | |
| **Single Speed - Single Acting** | | | | | | | | | | | |
| P240L | 14.80 | 4.25 | 15.45 | 8.68 | 1.00 | 1.25 | 15.25 | 3.50 | 2.44 | - | 9.0 |
| P601S | 18.94 | 6.46 | 19.53 | 15.35 | 1.57 | 1.26 | 20.79 | 5.20 | 3.74 | 14.45 | 13.0 |
| P1201S | 20.50 | 6.50 | 21.75 | 17.50 | 2.13 | 1.75 | 22.63 | 5.25 | 3.74 | 21.25 | 20.0 |
| **2-Speed - Single Acting** | | | | | | | | | | | |
| P350 | 13.43 | 5.91 | 13.89 | 9.09 | 2.36 | 1.34 | 14.13 | 3.35 | 2.56 | - | 6.6 |
| P1000 | 21.77 | 6.34 | 23.03 | 14.96 | 3.59 | 1.26 | 19.96 | 4.88 | 3.94 | 16.93 | 13.7 |
| P1000AD* | 21.77 | 6.34 | 23.03 | 14.96 | 3.59 | 1.26 | 19.96 | 4.88 | 3.94 | 16.93 | 13.7 |
| P1000RP** | 21.63 | 6.50 | 20.50 | 15.13 | 3.63 | 1.26 | 22.63 | 4.88 | 3.75 | 15.50 | 13.7 |
| P1201 | 21.73 | 6.73 | 23.07 | 18.38 | 2.13 | 1.73 | 22.63 | 4.92 | 3.74 | 18.27 | 20.5 |
| P2001 | 22.91 | 6.89 | 24.29 | 18.38 | 2.25 | 1.73 | 23.75 | 4.80 | 2.56 | - | 24.2 |
| P2301 | 21.73 | 6.81 | 23.98 | 3.74 | 1.00 | 1.73 | 23.50 | 5.31 | 3.74 | 22.56 | 27.7 |
| P4301 | 21.73 | 7.68 | 22.87 | 3.74 | 1.06 | 1.73 | 22.40 | 5.31 | 3.74 | 21.46 | 37.6 |
| P8701 | 25.79 | 11.61 | 30.35 | 11.54 | 24.17 | 8.25 | 26.94 | 15.24 | 11.18 | - | 76.0 |
| **2-Speed - Double Acting** | | | | | | | | | | | |
| P2301M | 25.45 | 6.81 | 27.44 | 3.74 | 1.06 | 1.50 | 21.76 | 4.72 | 3.54 | 22.56 | 32.3 |
| P8701M | 25.79 | 11.61 | 30.35 | 11.54 | 24.17 | 9.00 | 26.94 | 15.24 | 11.18 | - | 77.4 |

** Oil capacity varies by position. Pump can be mounted outlet up or down and does not need to be horizontal*
*** Unit is equipped with a 7/16"-20 Tank Return Port*