



P59L

HAND PUMP

Hydraulic P Series

24.4 to 55 cu. in.
Two-Speed Single-Acting

10,000 psi

PUMP AUTOMATICALLY SHIFTS INTO THE HIGH PRESSURE LIFT STAGE UPON CONTACT WITH THE LOAD.

- All metal construction won't burn through in welding environments.
- Two-speed reduces handle strokes so you work faster and easier.
- Formed metal handle provides less flex, and reduces operator fatigue.
- Convenient fill port allows pumps to be filled in a horizontal or vertical position.
- Relief valve inboard of check valve prevents loads from drifting down.
- Large valve knob gives added control for slowly metering loads down.

P19L/P59L

- More usable oil volume — use with larger or longer stroke cylinders.
- True unloading valve set for 850 PSI (59 Bar) provides more efficiency and lower handle force.
- Link design reduces handle effort by 40%.

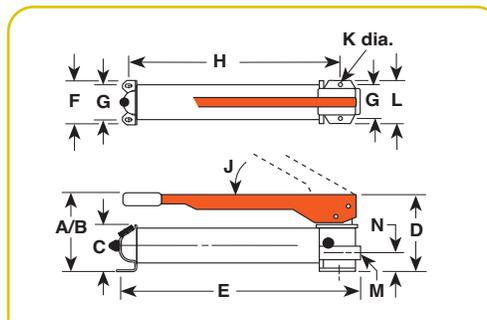
- Durable aluminum reservoir, manifold, and end cap.
- Ergonomic non-slip handle grip provides more comfort.
- Spring loaded handle lock incorporated into handle.

P59F

- Replaces hand control with foot control.



P19



Foot pump conversion kit
No. FK59 - Foot pump conversion kit for use on P55/P59 pumps. Wt., 6 lbs.
No. FK159B - Foot pump conversion kit for use on P157/P159 and P300/P300D pumps. Wt., 6 lbs.

| 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.) |
|----------|---------|---------|---------|---------|----------|---------|---------|---------|----------|---------|---------|----------|---------|
| P19 | 5 1/2 | 14 5/8 | 2 7/8 | 4 9/16 | 13 11/16 | 4 | 3 1/4 | 11 1/16 | 53° | 5/16 | 4 | 3/8 NPTF | 1 13/32 |
| P19L | 5 1/2 | — | — | — | 13 11/16 | 4 1/8 | 3 1/4 | 11 1/16 | 40° | 5/16 | — | 3/8 NPTF | — |
| P59 | 7 | 21 | 3 1/2 | 5 | 23 | 4 1/4 | 3 1/4 | 19 3/4 | 38° | 5/16 | 4 3/4 | 3/8 NPTF | 1 5/8 |
| P59L | 7 | — | — | — | 21 | 5 | 3 1/4 | 19 3/4 | 50° | 5/16 | — | 3/8 NPTF | — |
| P59F | 3 1/2 | 16 3/4 | 3 1/2 | 6 | 23 1/4 | 4 1/4 | 3 1/4 | 20 1/4 | — | 5/16 | 4 1/2 | 3/8 NPTF | 1 11/16 |

| 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 | P19 | 2 | .305 | .076 | 325 | 10,000 | 99 | 24.4 | 20 | 3/8 NPTF | 6.6 |
| | P19L | 2 | .250 | .050 | 850 | 10,000 | 78 | 29 | 27 | 3/8 NPTF | 5.1 |
| | P59 | 2 | .662 | .160 | 325 | 10,000 | 145 | 55 | 45 | 3/8 NPTF | 17.2 |
| Cylinders* | P59L | 2 | .720 | .150 | 850 | 10,000 | 104 | 69 | 66 | 3/8 NPTF | 8.9 |
| | P59F | 2 | .550 | .130 | 325 | 10,000 | 120 | 55 | 45 | 3/8 NPTF | 14 |

LP = Low Pressure
HP = High Pressure

*Pump includes 2-Way Valve