



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.

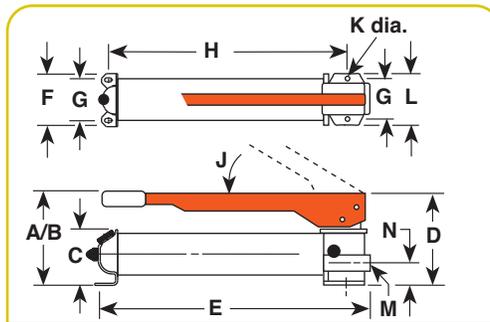
- All metal construction won't burn through in welding environments.
- Two-speed reduces handle strokes so you work faster and easier.
- Formed metal handle provides less flex, and reduces operator fatigue.
- Convenient fill port allows pumps to be filled in a horizontal or vertical position.
- Relief 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.



P19



### P59F

- Replaces hand control with foot controll

### 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.)	P (in.)
<b>P19</b>	5 7/2	14 5/8	2 7/8	4 9/16	13 11/16	4	3 1/4	11 11/16	53°	5/16	4	3/8 NPTF	1 13/32	—
<b>P19L</b>	5 7/2	—	—	—	13 11/16	4 1/8	3 1/4	11	40°	5/16	—	3/8 NPTF	—	—
<b>P59</b>	7	21	3 1/2	5	23	4 3/4	3 3/4	19 3/4	38°	5/16	4 3/4	3/8 NPTF	1 5/8	—
<b>P59L</b>	7	—	—	—	21	5	3 3/4	19 3/4	50°	5/16	—	3/8 NPTF	—	—
<b>P59F</b>	3 1/2	16 3/4	3 1/2	6	23 3/4	4 1/4	3 3/4	20 1/4	—	5/16	4 1/2	3/8 NPTF	11 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.)		Maximum Pressure (psi)						
			LP	HP	LP	HP					
Single Acting	<b>P19</b>	2	.305	.076	325	10,000	99	24.4	20	3/8 NPTF	6.6
	<b>P19L</b>	2	.250	.050	850	10,000	78	29	27	3/8 NPTF	5.1
	<b>P59</b>	2	.662	.160	325	10,000	145	55	45	3/8 NPTF	17.2
Cylinders*	<b>P59L</b>	2	.720	.150	850	10,000	104	69	66	3/8 NPTF	8.9
	<b>P59F</b>	2	.550	.130	325	10,000	120	55	45	3/8 NPTF	14

LP = Low Pressure  
HP = High Pressure

\*Pump includes 2-Way Valve