

# Hand Pump

## HYDRAULIC P SERIES

**152 cu. in.**  
Two-Speed Single-  
and Double-Acting

Best suited for applications where there is little or no free travel.

PUMPS



**P300 hand pump and 10 ton cylinders used for a vehicle lift.**

- Rugged all metal construction for strength and durability that won't burn through in welding environments.
- Heavy-duty, formed metal handle provides less flex, and less operator fatigue than round or composite handles.
- 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 to prevent 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.



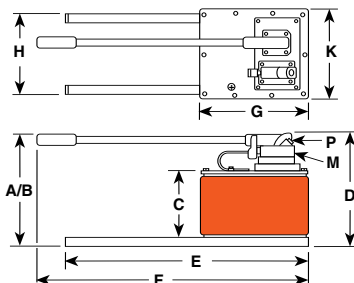
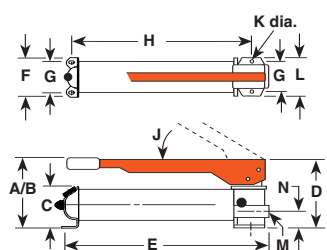
**P157/P159**



**P300**



**P460**



**FK59  
FK159B**

**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>P157/ P159</b>	7 <sup>3</sup> / <sub>4</sub>	20 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	6 <sup>7</sup> / <sub>8</sub>	22 <sup>3</sup> / <sub>4</sub>	3 <sup>7</sup> / <sub>8</sub>	3	19 <sup>3</sup> / <sub>4</sub>	39	5 <sup>5</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>8</sub> NPTF	2 <sup>1</sup> / <sub>4</sub>	—
<b>P300</b>	8 <sup>1</sup> / <sub>4</sub>	21	4 <sup>1</sup> / <sub>2</sub>	6 <sup>7</sup> / <sub>8</sub>	22 <sup>5</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>2</sub>	7 <sup>1</sup> / <sub>2</sub> / 3	20 <sup>23</sup> / <sub>32</sub>	39	5 <sup>5</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>8</sub> NPTF	2 <sup>1</sup> / <sub>4</sub>	—
<b>P460</b>	11 <sup>1</sup> / <sub>8</sub>	31	6 <sup>3</sup> / <sub>4</sub>	11 <sup>3</sup> / <sub>8</sub>	24	29 <sup>1</sup> / <sub>4</sub>	11	9	80	9 <sup>1</sup> / <sub>2</sub>	—	3 <sup>3</sup> / <sub>8</sub> NPTF	—	1 <sup>1</sup> / <sub>4</sub>

For Use With	Order No.	Speed	Volume & Pressure		Maximum Pressure (psi)		Reservoir Handle Effort (lbs.)	Oil Capacity (cu.in.)	Usable Oil Capacity (cu. in.)	Oil Port (in.)	Product Weight (lbs.)
			Volume per Stroke (cu. in.)	LP	HP	LP					
Single-Acting	<b>P157</b>	2	.650	.160	1,400	10,000	140	152	137	3 <sup>3</sup> / <sub>8</sub> NPTF	26.7
	<b>P159</b>	2	2.6	.160	325	10,000	140	152	137	3 <sup>3</sup> / <sub>8</sub> NPTF	26.2
Cylinders*	<b>P300</b>	2	2.6	.160	325	10,000	140	1.5 gal.	310	3 <sup>3</sup> / <sub>8</sub> NPTF	55.3
	<b>P460</b>	2	7.35	.294	325	10,000	90	2.5 gal.	460	3 <sup>3</sup> / <sub>8</sub> NPTF	54.9
Double-Acting	<b>P157D</b>	2	.650	.160	1,400	10,000	140	152	137	3 <sup>3</sup> / <sub>8</sub> NPTF	28.8
	<b>P159D</b>	2	2.6	.160	325	10,000	140	152	137	3 <sup>3</sup> / <sub>8</sub> NPTF	27.9
Cylinders**	<b>P300D</b>	2	2.6	.160	325	10,000	140	1.5 gal.	310	3 <sup>3</sup> / <sub>8</sub> NPTF	57.0
	<b>P460D</b>	2	7.35	.294	325	10,000	90	2.5 gal.	460	3 <sup>3</sup> / <sub>8</sub> NPTF	57.9

LP = Low Pressure  
HP = High Pressure

\* Pump includes 2-Way Valve  
\*\* Pump includes 4-Way Valve