

# Hand Pump

HYDRAULIC P SERIES

197 to 738 cm<sup>3</sup> Reservoir

Single-Speed  
Single-Acting

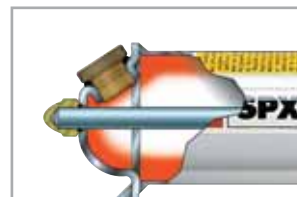
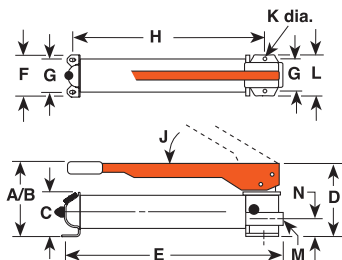
Best suited for applications where there is little or no free travel.

PUMPS

- 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.



700 bar



Power Team hand pumps, with the angled fill port, have a built in "relief valve" protection system. This system is designed to protect over-pressurization of the reservoir from sudden back pressure. This system also works as a seal to prevent oil leaks.

Pump No.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	J (deg.)	K (mm)	L (mm)	M (in)	N (mm)
P12	101,6	—	—	101,6	342,9	85,7	55,6	—	45°	4,8	85,7	3/8-NPTF	28,6
* P23	158,8	330,2	88,9	141,3	346,1	108,0	82,6	261,6	38°	7,9	120,7	3/8-NPTF	41,3
* The P23 pump maximum pressure is 210 bar only.													
P55	165,1	533,4	88,9	141,3	584,2	108,0	82,6	501,7	38°	7,9	120,7	3/8-NPTF	41,3

For Use With	Order No.	Volume & Pressure					Handle Effort (kg)	Reservoir		Oil Port (in)	Product Weight (kg)
		Speed	Volume per Stroke (cm <sup>3</sup> )	Maximum Pressure (bar)	Oil Capacity (cm <sup>3</sup> )	Usable Oil Capacity (cm <sup>3</sup> )					
Single Acting	P12	1	—	1,1	—	700	34	197	148	3/8-NPTF	2,6
	P23	1	—	2,6	—	210	32	390	333	3/8-NPTF	5,5
Cylinders*	P55	1	—	2,6	—	700	66	902	738	3/8-NPTF	7,2

LP = Low Pressure  
HP = High Pressure

\* Pump includes 2-Way Valve

# Hand Pump

## HYDRAULIC P SERIES

**400 to 1131 cm<sup>3</sup>**  
**Reservoir**  
**Two-Speed**  
**Single-Acting**

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 allow 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



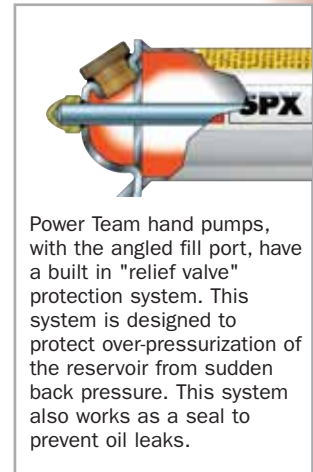
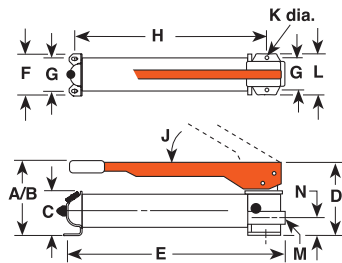
P59

700 bar



P59F

PUMPS



Pump No..	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	J (deg.)	K (mm)	L (mm)	M (in)	N (mm)
P19	139,7	371,5	73,0	115,9	347,7	101,6	82,6	281,0	53°	7,9	101,6	<sup>3</sup> / <sub>8</sub> -NPTF	35,7
P19L	141,5	—	—	—	347	104,1	82,6	281,0	40°	7,9	104,1	<sup>3</sup> / <sub>8</sub> -NPTF	—
P59	177,8	533,4	88,9	127,0	584,2	108,0	82,6	501,7	38°	7,9	120,7	<sup>3</sup> / <sub>8</sub> -NPTF	41,3
P59L	177,6	—	—	—	533,4	120,7	82,6	501,7	50°	7,9	120,7	<sup>3</sup> / <sub>8</sub> -NPTF	—
P59F	88,9	425,5	88,9	152,4	590,6	108,0	82,6	514,4	—	7,9	114,3	<sup>3</sup> / <sub>8</sub> -NPTF	42,9

For Use With	Order No.	Volume & Pressure					Reservoir		Oil Port (in)	Product Weight (kg)	
		Speed	Volume per Stroke (cm <sup>3</sup> )		Maximum Pressure (bar)		Oil Capacity (cm <sup>3</sup> )	Usable Oil Capacity (cm <sup>3</sup> )			
Single Acting Cylinders*	P19	2	5,0	1,2	22	700	45	400	328	<sup>3</sup> / <sub>8</sub> -NPTF	3,0
	P19L	2	4,1	0,9	70	700	37	475	443	<sup>3</sup> / <sub>8</sub> -NPTF	2,3
	P59	2	10,9	2,6	22	700	66	902	738	<sup>3</sup> / <sub>8</sub> -NPTF	7,8
	P59L	2	12	2,6	59	700	44	1131	1082	<sup>3</sup> / <sub>8</sub> -NPTF	4,1
	P59F	2	9,0	2,1	22	700	55	902	738	<sup>3</sup> / <sub>8</sub> -NPTF	6,4

LP = Low Pressure  
 HP = High Pressure

\*Pump includes 2-Way Valve



# Hand Pump

## HYDRAULIC P SERIES

### 9,5 l Reservoir

#### 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 allows pumps on P157 and P159 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.



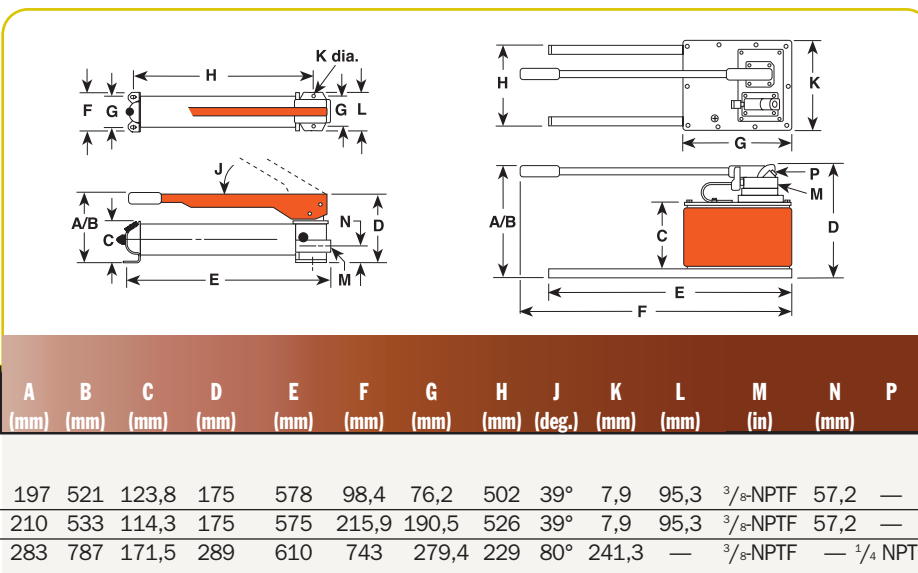
P157/P159



P300



P460



FK59  
FK159B

**Foot pump conversion kit No. FK59** - Foot pump conversion kit for use on P55/P59 pumps. Wt., 2,7 kg

**No. FK159B** - Foot pump conversion kit for use on P157/P159 and P300/P300D pumps. Wt., 2,7kg.

For Use With	Order No.	Volume & Pressure					Reservoir Handle Effort (kg)	Oil Capacity (cm³)	Usable Oil Capacity (cm³)	Oil Port (in)	Product Weight (kg)
		Speed	Volume per Stroke (cm³)	Maximum Pressure (bar)	LP	HP					
Single-Acting	P157	2	10,7	2,6	97	700	64	2491	2245	3/8-NPTF	11,8
	P159	2	42,6	2,6	22	700	64	2491	2245	3/8-NPTF	11,8
Cylinders*	P300	2	42,6	2,6	22	700	64	5.700	5081	3/8-NPTF	25,1
	P460	2	120,5	4,6	22	700	41	9.500	7539	3/8-NPTF	24,9
Double-Acting	P157D	2	10,7	2,6	97	700	64	2491	2245	3/8-NPTF	13,1
	P159D	2	42,6	2,6	22	700	64	2491	2245	3/8-NPTF	12,7
Cylinders**	P300D	2	42,6	2,6	22	700	64	5.700	5081	3/8-NPTF	25,9
	P460D	2	120,5	4,6	22	700	41	9.500	7539	3/8-NPTF	26,3

LP = Low Pressure  
HP = High Pressure

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