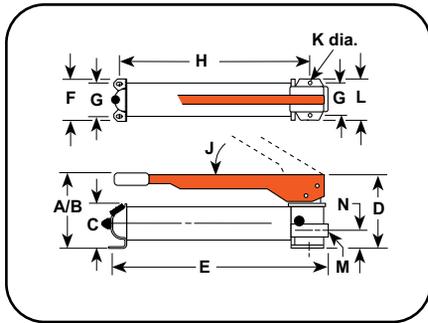


Model Shown:

P55, P12, P23

Pumps



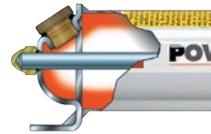
Features

STEEL HAND PUMPS BEST SUITED FOR MRO APPLICATIONS.

- All metal construction won't burn through in welding environments.
- Formed metal handle provides rigidity, and reduces operator fatigue with grip.
- Convenient fill port enables pumps to be filled in a horizontal or vertical position, excluding P12.
- Fill cap seal acts as safety valve preventing over-pressurizing of reservoir.
- Large valve knob gives added control for slowly metering loads down.



Pump Protection System



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 only fill to bottom of threads.



Foot Pump Conversion Kit



For Use With:	Kit Order No.	Wt. (lbs.)
P55, P59	FK59	6.0

Technical Dimensions

Order 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.)
P12	4.00	13.00	2.06	4.00	13.50	3.38	2.19	11.50	45°	0.19	3.38	3/8 NPTF	1.13
P19	5.50	14.63	2.88	4.56	13.69	4.00	3.25	11.06	53°	0.31	4.00	3/8 NPTF	1.41
P23*	6.25	13.00	3.50	5.56	13.63	4.25	3.25	10.31	38°	0.31	4.75	3/8 NPTF	1.63
P55	6.50	21.00	3.50	5.56	23.00	4.25	3.25	19.75	38°	0.31	4.75	3/8 NPTF	1.63
P59	7.00	21.00	3.50	5.00	23.00	4.25	3.25	19.75	38°	0.31	4.75	3/8 NPTF	1.63
P59F	3.50	16.75	3.50	6.00	23.25	4.25	3.25	20.25	—	0.31	4.50	3/8 NPTF	1.69

*The P23 pump maximum pressure is 3000 psi only.

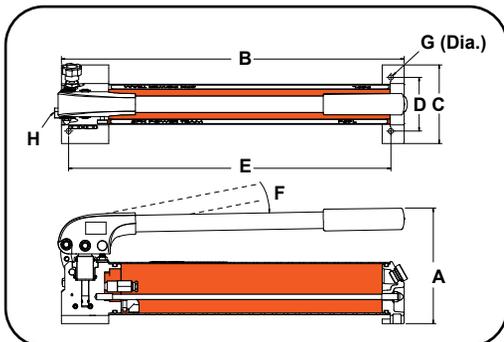
For Use With	Speed	Order No.	Volume per Stroke		Max. Pressure		Handle Effort (lbs.)	Reservoir		Oil Port (in.)	Prod. Wt. (lbs.)
			LP	HP	LP	HP		Oil Cap.	Usable Oil Cap.		
			(cu. in)	(cu. in)	(psi)	(psi)		(cu. in.)	(cu. in.)		
Single-Acting Cylinders	1	P12	—	0.069	—	10,000	75	12.00	9.00	3/8 NPTF	5.70
	2	P19	0.305	0.076	325	10,000	99	24.40	20.00	3/8 NPTF	6.60
	1	P23	—	0.160	—	3,000	70	23.80	20.30	3/8 NPTF	12.00
	1	P55	—	0.160	—	10,000	145	55.00	45.00	3/8 NPTF	15.80
	2	P59	0.662	0.160	325	10,000	145	55.00	45.00	3/8 NPTF	17.20
	2	P59F	0.550	0.130	325	10,000	120	55.00	45.00	3/8 NPTF	14.00

LP = Low Pressure

HP = High Pressure

Model Shown:

P19L, P59L, P59L-1500, P59L-1500G



▶ Technical Dimensions

Order No.	A	B	C	D	E	F	G	H
	(in.)	(in.)	(in.)	(in.)	(in.)	(deg.)	(in.)	(in.)
P19L	5.50	13.69	4.13	3.25	11.06	40°	5/16	3/8 NPTF
P59L	7.00	21.00	5.00	3.25	19.75	50°	5/16	3/8 NPTF
P59L-1500	7.17	21.91	5.47	3.25	19.75	47°	5/16	9/16-18 UNF-2B **
P59L-1500G*	7.17	21.91	5.47	3.25	19.75	47°	5/16	9/16-18 UNF-2B **

* Overall length, with the skid plate, is 28.30 in. (718.8 mm.).

** High pressure 60° cone port.

▶ Ordering Information

For Use With	Speed	Order No.	Volume per Stroke		Max. Pressure		Handle Effort	Reservoir		Oil Port	Prod. Wt.
			LP	HP	LP	HP		Oil Cap.	Usable Oil Cap.		
			(cu. in)	(cu. in)	(psi)	(psi)		(cu. in.)	(cu. in.)		
Single-Acting Cylinders	2	P19L	0.250	0.050	850	10,000	78	29.00	27.00	3/8 NPTF	5.10
	2	P59L	0.720	0.150	850	10,000	104	69.00	66.00	3/8 NPTF	8.90
	2	P59L-1500	0.68	0.05	300	21,750	72	67.1	44.5	3/4 - 16 UNF	10.4
	2	P59L-1500G*	0.68	0.05	300	21,750	72	67.1	44.5	3/4 - 16 UNF	14.4

* Equipped with a skid plate and a digital gauge.

LP = Low Pressure

HP = High Pressure

⚠ CAUTION: P59L-1500 pumps are not recommended for use with 10,000 psi tools.

▶ Features

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

- Two-speed reduces handle strokes so you work faster and easier.
- More usable oil volume allows for use with larger or longer stroke cylinders.
- True unloading valve 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.
- Aluminum design reduces weight.

▶ **The P59L hand pump is able to quickly advance the cylinder to the load with it's two speed operation.**



Model Shown:
P300, P157, P159D, P460

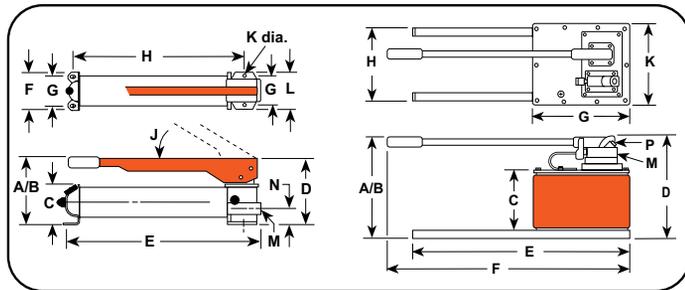
Pumps



Features

HEAVY-DUTY STEEL HAND PUMPS HOLD UP TO THE MOST DEMANDING APPLICATIONS.

- Rugged all metal construction for strength and durability that won't burn through in welding environments.
- Heavy-duty, formed metal handle provides rigidity, and reduces operator fatigue with grip.
- Convenient oil fill ports.
- 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.



Foot Pump Conversion Kit



For Use With:	Kit Order No.	Wt. (lbs.)
P157, P159, P300, P300D	FK159B	6.00

Technical Dimensions

Order No.	A	B	C	D	E	F	G	H	J	K	L	M	N	P
	(in.)	(deg.)	(in.)	(in.)	(in.)	(in.)	(in.)							
P157 / P159	7.75	20.50	4.88	6.88	22.75	3.88	3.00	19.75	39	0.31	3.75	3/8 NPTF	2.25	—
P300	8.25	21.00	4.50	6.88	22.63	8.50	7.50	20.72	39	0.31	3.75	3/8 NPTF	2.25	—
P460	11.13	31.00	6.75	11.38	24.00	29.25	11.00	9.00	80	9.50	—	3/8 NPTF	—	1/4 NPTF

Ordering Information

For Use With	Speed	Order No.	Volume per Stroke		Max. Pressure		Handle Effort	Reservoir		Oil Port	Prod. Wt.
			LP	HP	LP	HP		Oil Cap.	Usable Oil Cap.		
			(cu. in.)	(cu. in.)	(psi)	(psi)		(cu. in.)	(cu. in.)		
Single-Acting Cylinders	2	P157	0.65	0.160	1,400	10,000	140	152	137	3/8 NPTF	26.70
	2	P159	2.60	0.160	325	10,000	140	152	137	3/8 NPTF	26.20
	2	P300	2.60	0.160	325	10,000	140	1.5 gal.	310	3/8 NPTF	55.30
	2	P460	7.35	0.294	325	10,000	90	2.5 gal.	460	3/8 NPTF	54.90
Double-Acting Cylinders*	2	P157D	0.65	0.160	1,400	10,000	140	152	137	3/8 NPTF	28.80
	2	P159D	2.60	0.160	325	10,000	140	152	137	3/8 NPTF	27.90
	2	P300D	2.60	0.160	325	10,000	140	1.5 gal.	310	3/8 NPTF	57.00
	2	P460D	7.35	0.294	325	10,000	90	2.5 gal.	460	3/8 NPTF	57.90

LP = Low Pressure

HP = High Pressure

* Pump includes 4-Way Valve