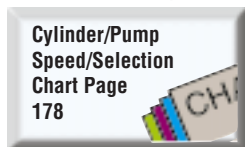


Electric Hydraulic Pumps

17 cu. in./min. — ½ hp (PE17 Series)

Two-speed high performance at a low price. Ideal for maintenance and construction applications where low voltage is a concern. Generally recommended for cylinders up to 55 ton.



- For use with single-acting or double-acting cylinders at operating pressures to 10,000 psi.
- PE17 series is for intermittent duty; starts under full load.
- Equipped with ½ hp, 3,450 rpm, single-phase, thermal protected induction motor; 10 ft. remote control cord (PE172S has 25 ft. cord); PE84 has 1,725 rpm motor.
- Low amperage draw; small generators and low amperage circuits can be used as power source.

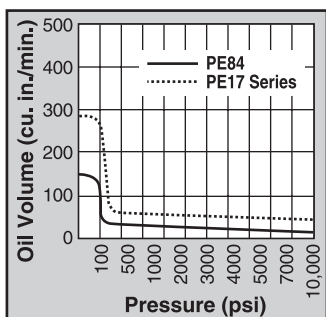
- All have 2 gallon thermoplastic reservoir except PE172M, PE172AM, PE172SM and PE174M which have 2½ gallon metal reservoir. Optional steel reservoirs also available. Order part #213895
- Extremely quiet with noise level ranging from 67-81dBA.

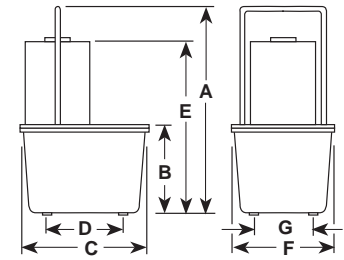
Optional Steel Reservoir

No. 213895 — Steel reservoir for PE84, PE172, PE172A, PE172S and PE174. Includes gasket and fasteners.

- **IMPORTANT:** Oil temperatures in excess of 150° F. may cause permanent failure of the thermoplastic reservoir of PE17 series pumps.

PERFORMANCE





SPECIFICATIONS AND DIMENSIONS

Pump No.	Max. Press. Output	rpm	dBA at Idle and 10,000 psi	Amp Draw 115 V - at 10,000 psi	Oil Del. (cu. in./min. @)†				Dimensions (in.)							Prod. Wt. With Oil (lbs.)
					0 psi	100 psi	5,000 psi	10,000 psi	A	B	C	D	E	F	G	
PE17 Series	10,000 psi	3,450	67/81*	10	290	190	20	16	18½	7	11½	7½	14½	9¼	5½	45
PE17M Series	10,000 psi	3,450	67/81*	10	290	190	20	16	18½	6½	11½	N/A	14½	9½	N/A	53

* Measured at 3 ft. distance, all sides.

† Typical delivery. Actual flow will vary with field conditions.

ORDERING INFORMATION ‡

See current price list for shipping weights.

SINGLE-ACTING

Description	Order No.	Valve			Control Switch ††	Motor	Reservoir (Usable)
		Type	No.	Function			
Base model pump has ½ hp pump with 2 gal. thermoplastic reservoir.	PE172	2-Way	9517	Advance Return (Auto)†	Remote Motor Control (10 ft.) on/off	½ hp 110/115 V* 50/60 Hz, Single Phase	295 cu. in.
PE172, except has 2½ gal. aluminum reservoir.	PE172M	2-Way	9517	Advance Return (Auto)†			375 cu. in.
PE172, except has solenoid operated valve.	PE172S	3-Way	9579	Advance Hold Return	Remote Motor & Valve (10 ft.)	½ hp 110/115 VAC 50/60 Hz, Single Phase	295 cu. in.
PE172S, except has aluminum reservoir.	PE172SM	3-Way	9579	Advance Hold Return			375 cu. in.
Best suited for crimping, punching, pressing. Not for lifting. Thermoplastic reservoir.	PE172A∞	Auto/Dump Manifold	45554	Advance Return	Remote Motor Control (10 ft.) on/off	½ hp 110/115 V* 50/60 Hz, Single Phase	295 cu. in.
PE172A, except has aluminum reservoir.	PE172AM∞	Auto/Dump Manifold	45554	Advance Return			375 cu. in.

MULTI SINGLE-ACTING

Description	Order No.	Valve			Control Switch ††	Motor	Reservoir (Usable)
		Type	No.	Function			
PE172, except has 9500 double-acting valve.	PE174	4-Way	9500	Advance Hold Return**	Remote Motor Control (10 ft.) on/off	½ hp 110/115 V* 50/60 Hz, Single Phase	295 cu. in.
Same as PE174, except has aluminum reservoir.	PE174M	4-Way	9500	Advance Hold Return**			375 cu. in.

* Available with 220 V., 50 Hz motor (to order, place suffix "50-220" behind pump order number).

** "Advance" position holds pressure with motor shut off.

† "Advance" position holds pressure with motor shut off. "Return" position advances cylinder with motor running and returns cylinder with motor shut off.

†† Control switch on PE17 series wired with line voltage.

∞ Not to be used for lifting.

NOTE: The remote motor control switch on 220V., 50 cycle PE17 series pumps is 24 volt.

NOTE: Usable oil is calculated with the oil fill at the recommended level of 1½" below reservoir cover plate.

‡ Some Power Team pumps are available in special configurations not listed in this catalog. Power Team can "Assemble to Order" pumps with special seals, voltages, valves, relief valve settings, etc. For your special requirements please consult your local distributor or the Power Team factory.