

Electric Hydraulic Pumps

56 cu. in./min. — 1½ hp (PE60 Vanguard Supreme® Series)

Compact, light weight pump with numerous standard features. Excellent choice for rugged applications and low voltage starting. Recommended for stressing tools.



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Cylinder/Pump Speed/Selection Chart Page 178

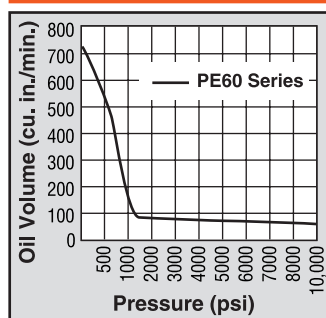


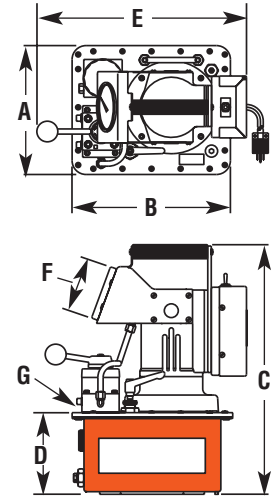
Choosing The Right Pump Pages 181-184



- The Vanguard® tradition of reliability, two-speed high performance and ease of maintenance has reached a new standard.
- Long, trouble free life in the most demanding work environments. For operating single- or double-acting cylinders, or stressing jacks at operating pressures to 10,000 psi.
- Powered by 1½ hp, 115 volt, 60/50 Hz single phase motor. Improved motor insulation extends motor life and is in full CSA compliance. Starts under load, even at the reduced voltages at construction sites.
- Quiet operation: 80 to 85 dBA at 3 foot distance with 54 dBA background.
- Optional fan-driven external oil cooler includes rollover guard.
- Insulated carrying handle. Pump weighs only 50 lbs. without oil cooler option: 18 lbs. less than similar competitive units!
- Integral 4" dia. fluid-filled pressure gauge with steel bezel complies with ASME B40.1 Grade A. With 0 to 10,000 psi pressure range in 100 psi increments.
- Sealed ¾ gallon (usable) reservoir. Reservoir drain port is standard.
- Standard oil level sight gauge for accurate oil level monitoring.
- External spin-on filter removes contaminants from circulating oil to maximize pump, valve and cylinder/tool life.

PERFORMANCE





SPECIFICATIONS AND DIMENSIONS

Pump No.	rpm	Maximum Pressure Output	dBA at idle and 10,000 psi	Amp draw at 10,000 psi	Oil Delivery (cu. in./min. @)				A	B	C	D	E	F	G	Prod. Wt. with Oil (lbs.)
					100 psi	700 psi	5,000 psi	10,000 psi								
PE604T	12,000	10,000	80/85	25	704	440	74	56	9 ⁵ / ₁₆ "	11 ¹ / ₂ "	18 ¹ / ₄ "	6"	15"	4"	³ / ₈ " NPTF	50
PE604PT	12,000	10,000	80/85	25	704	440	74	56	9 ⁵ / ₁₆ "	11 ¹ / ₂ "	18 ¹ / ₄ "	6"	15"	4"	³ / ₈ " NPTF	51

NOTE: Unloading pressure is 1,000 psi.
 Consult factory for PE60 pump models with other control and valve options.
 For 220/230 volt, 50/60 Hz, single-phase models, add -220 suffix

ORDERING INFORMATION

See current price list for shipping weights.

SINGLE-ACTING, SPRING SEAT, STRESSING JACK OR DOUBLE-ACTING CYLINDER

Description	Order No.	Valve			Control Switch	Motor	Reservoir (Usable)
		Type	No.	Function			
1½ hp pump with ¾ gal. reservoir & valve for double-acting systems.	PE604T	4-Way, 3-position	9500	Advance Hold Return	On/Off/Pulse control switch	1½ hp 115 VAC 60/50 Hz, Single Phase	157 cu. in.

SINGLE-ACTING OR DOUBLE-ACTING POWER SEAT, STRESSING JACKS ONLY

Description	Order No.	Valve			Control Switch	Motor	Reservoir (Usable)
		Type	No.	Function			
PE604T, except has special valve for post tensioning application only.	PE604PT	4-Way, 3-position	9628 model C	Advance Hold Sequenced Return	On/Off/Pulse control switch	1½ hp 115 VAC 60/50 Hz, Single Phase	157 cu. in.

OPTIONAL

252511: Oil cooler kit for PE604T or PE604PT, 115 VAC. Weight 5 lbs.

252512: Oil cooler kit for PE604T or PE604PT, 220 VAC. Weight 5 lbs.