

Model Shown:

PE182, PE183-2, PE183C

Pumps

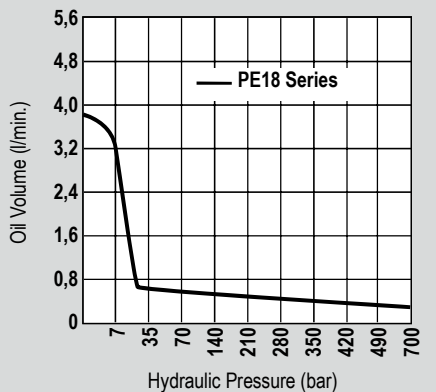


➤ Features

IDEAL FOR USE WITH SMALL HYDRAULIC POWER TOOLS.

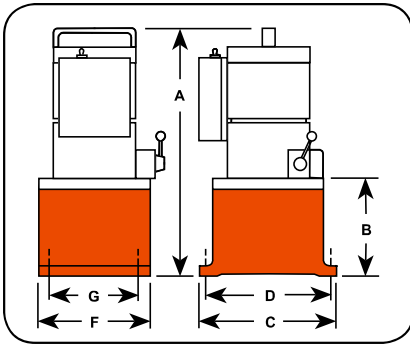
- Vanguard Jr.® pumps provide two-speed high-performance in a light-weight, compact package.
- Gauge port provided on pump. Metal reservoir on all models.
- Equipped with at 0,37 kW, 220V, 60/50 Hz single-phase motor that starts under load, even at reduced voltage.
- Low amperage draw permits use with smaller generators and low amperage circuits.
- All pumps have a 3,1 m remote control (PE183C has 7,6 m remote control).
- Noise level of 85-90 dBA.
- CSA rated for intermittent duty.
- Non CE.

➤ Ordering Information



For operating hydraulic crimping, cutting or other tools:

- **PE183C** - For crimping or pressing applications. Has special electrical circuitry to pulse/advance, hold at full pressure, build to a predetermined pressure, release and reset circuit. Features separate emergency return switch.
- **PE184C** - Allows operator to alternately operate a spring-return cutting and/or crimping tool without disconnecting either tool. Select port connection with manual 4-way valve, start pump with remote control hand switch and extend connected tool. When hand switch is switched to off, pump stops and automatic valve opens, allowing tool to return. In center (neutral) position, manual control valve holds tool in position at time valve is shifted.



► **Technical Dimensions**

Order No.	A (mm)	B (mm)	C (mm)	D (mm)	F (mm)	G (mm)	Max. Pressure Output (bar)	rpm	dBA at Idle and 700 (bar)	Amp Draw 220V at 700 (A)	Oil Del. (l/min. @) †				Prod. Wt. with Oil (kg)
											0 (bar)	7 (bar)	350 (bar)	700 (bar)	
PE182	406	121	203	181	152	130	700	12000	85/90**	10,2	3,7	3,0	0,4	0,3	13,6
PE183	406	121	203	181	152	130	700	12000	85/90**	10,2	3,7	3,0	0,4	0,3	13,6
PE183A	406	121	203	181	152	130	700	12000	85/90**	10,2	3,7	3,0	0,4	0,3	13,6
PE184	406	121	203	181	152	130	700	12000	85/90**	10,2	3,7	3,0	0,4	0,3	13,6
PE183-2*	470	184	292	254	241	203	700	12000	85/90**	10,2	3,7	3,0	0,4	0,3	19,0
PE184-2*	470	184	292	254	241	203	700	12000	85/90**	10,2	3,7	3,0	0,4	0,3	19,0
PE183C ††	406	121	203	181	152	130	700	12000	85/90**	10,2	3,7	3,0	0,4	0,3	13,6
PE184C ††	406	121	203	181	152	130	700	12000	85/90**	10,2	3,7	3,0	0,4	0,3	13,6

* 9,5 l reservoir.

** Measured at 3 ft. distance, all sides.

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

†† Special application pumps for cutting, crimping or pressing.

► **Performance Specifications**

For Use With Cylinder Type	Description	Order No.	Valve Type	Valve Function	Control Switch	Motor	Reservoir Usable Oil Cap. (L)
Single-Acting	Base model pump has 0,37 kW pump with 2-Way valve and 1,9 liter reservoir.	PE182	2-Way	Advance Return†	Remote Motor Control (3,1 m) on/off	0,37 kW, 110/115V** 50/60 Hz, A.C., Single Phase	1,7
Single-Acting	PE182, except has 3-way valve.	PE183	3-Way	Advance Hold Return	Remote Motor Control (3,1 m) on/off	0,37 kW, 110/115V** 50/60 Hz, A.C., Single Phase	1,7
Single-Acting	PE183, except has 2 gallon reservoir.	PE183-2	3-Way	Advance Hold Return	Remote Control (3,1 m)	0,37 kW, 110/115V** 50/60 Hz, A.C., Single Phase	8,4 ††
Single-Acting	PE183, except has "dump valve".	PE183A [∞]	Auto./Dump Pump	Advance Return	Remote (3,1 m)	0,37 kW, 110/115V** 50/60 Hz, A.C., Single Phase	1,7
Single-Acting	Special crimping pump.	PE183C [∞]	Special, for crimping only	Advance Hold Return†	Remote Motor Control (7,6 m) on/off	0,37 kW, 110/115V** 50/60 Hz, A.C., Single Phase	1,7
Single-Acting/ Double-Acting	Base model pump has 0,37 kW pump for double-acting systems with 1,9 liter reservoir.	PE184	4-Way	Advance Hold Return	Remote Motor Control (3,1 m) on/off	0,37 kW, 110/115V** 50/60 Hz, A.C., Single Phase	1,7
Single-Acting/ Double-Acting	PE184, except with 9,5 liter reservoir.	PE184-2	4-Way	Advance Hold Return†	Remote Motor Control (3,1 m) on/off	0,37 kW, 110/115V** 50/60 Hz, A.C., Single Phase	8,4 ††
Single-Acting/ Double-Acting	Special crimping pump.	PE184C*	4-Way	Advance Return	Remote Control (3,1 m) on/off	0,37 kW, 110/115V** 50/60 Hz, A.C., Single Phase	1,7

* Also for use with special single-acting cylinder applications.

** Available with 220V, 60/50 Hz motor (to order, place suffix "50-220" behind pump order number). Specify voltage when ordering.

† Holds when motor is shut-off and valve is in "advance" position.

†† Pumps supplied with 7,6 l oil (usable oil is 5,7 l), will hold 9,5 l gallon when filled to within 38 mm below reservoir cover plate.

[∞] Not to be used for lifting.