



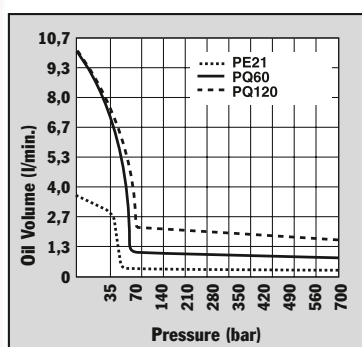
# Electric Pump

PE21 SERIES

Up to 75 Ton  
361 cm<sup>3</sup>/min.  
Two-Speed

Low-speed, high-torque for heavy-duty, extended-cycle operations.

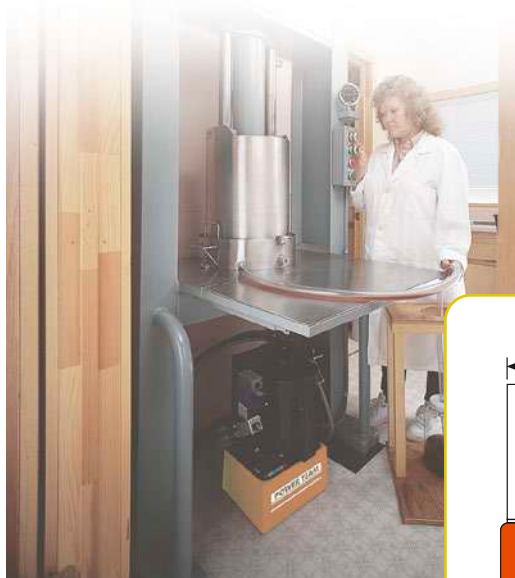
PUMPS



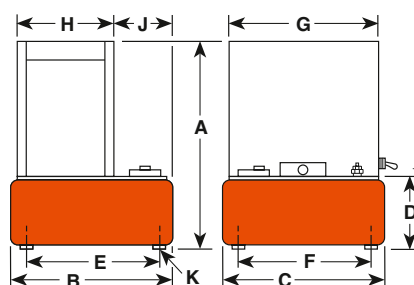
- Totally enclosed, fan cooled induction motor: 0,75Kw (1 hp), 1,725 rpm, 60 Hz, single phase. Thermal overload protection.
- Remote control, with 3,1 m cord is standard on pumps with solenoid valves. Manual valve pumps have “Stop”, “Start” and “Run/Off/Pulse” switches. Pump controls are moisture and dust resistant.
- Motor drip cover with carrying handles and lifting lug.
- Low noise level of 70 dBA<sup>®</sup> 700 bar.
- In the event of electrical interruption, pump shuts off and will not start up until operator presses the pump start button.
- 24 volt control circuits on units with remote controls provide additional user/operator safety.



PE213



PE21 series pump and RD5513 cylinder used in a special press that produces pharmaceutical-grade extracts for herbal medicines.



Pump No.	Max. Pressure Output		dBA at Idle and 700 bar	Oil Del. (l/min. at.)														Prod. Wt. w/Oil (kg)
	bar	rpm		7 bar	70 bar	350 bar	700 bar	A	B	C	D	E	F	G	H	J	K***	
PE21 Series	700	1.437	70*	3,6	0,4	0,4	0,3	543 (mm)	292 (mm)	241 (mm)	165 (mm)	254 (mm)	203 (mm)	359 (mm)	241 (mm)	82,6 (mm)	1/2-20 UNF (in)	44,4†

\* Measured at a 0,9 m distance, all sides.

\*\*\* For 50,8 mm dia. swivel casters, order (4) No. 10494.

† Shipping weight with manual valve; add 6,4 kg for pump with solenoid valve.



PE214

700 bar



PE214S

For use with cyl.-type	Description	Order No.	Valve Type	Valve No.	Valve Function	Max. Amp Draw at 700 bar	Motor	Reservoir Usable (l)
Single-acting	0,75 KW pump with 9,5 l Reservoir and manual valve.	<b>PE213-50-220</b>	3-Way	9520*	Advance Hold Return	230 V - 7,5 amps	0,75 KW, 220 Volt 50 Hz, Single Phase	9,4
Single-acting	PE213, except has solenoid operated remote valve.	<b>PE213S-50-220</b>	3-Way	9599†	Advance Hold Return	230 V - 7,5 amps	0,75 KW, 220 Volt 50 Hz, Single Phase	9,4
Double-acting	0,75 KW pump with 9,5 l Reservoir and manual valve.	<b>PE214-50-220</b>	4-Way	9506*	Advance Hold Return	230 V - 7,5 amps	0,75 KW, 220 Volt 50 Hz, Single Phase	9,4
Double-acting	PE214, except has solenoid operated remote valve.	<b>PE214S-50-220</b>	4-Way	9512†	Advance Hold Return	230 V - 7,5 amps	0,75 KW, 220 Volt 50 Hz, Single Phase	9,4

\* Manual valve. Pump is equipped with RUN/OFF/PULSE switch for control of motor.

† Solenoid valve. Pump is equipped with a remote control switch with 3,1 m cord.





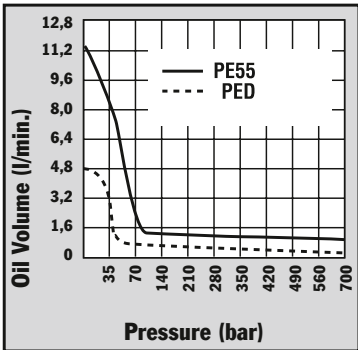
# Electric Pump

## HYDRAULIC PED SERIES

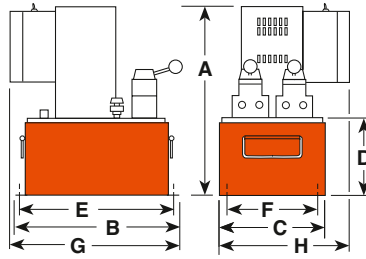
410 cm<sup>3</sup>/min.  
Two-Speed

Ideal for running multiple tools or cylinders from one power unit. Recommended for cylinders up to 75 tons.

PUMPS



- Two-speed pumps have the same low pressure and high pressure flows from both valves.
- Flows and pressures of each pump are independent.
- Delivers 4,8 l/min. of oil at 7 and 0,4 l/min. at 700 bar from each pump.
- 1,12 KW, 220 volt, 50 Hz induction motor, 3,1 m remote control and 19 l steel reservoir.
- Models available for operating single-acting or double-acting cylinders.
- Each power unit contains two separate pumps and two separate valves allowing operator to control multiple processes with one power unit.
- Both pumps on each power unit are equipped with an externally adjustable pressure relief valve.
- Not recommended for frequent starting and stopping.



Pump No.	Max. Pressure Output		dBA at Idle and 700 bar	(220 V)** Amp Draw At 700 bar	Oil Del. (l/min at..)				A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	Prod. Wt. w/Oil (kg)
	bar	rpm			7 bar	50 bar	350 bar	700 bar									
PED-Series	700	2.874	87/85*	11	4,8	0,6	0,6	0,4	527	457	292	216	419	229	457	330	77

\* Noise level reading (dBA) measured at a 0,9 m distance, all sides. \*\* Amp draw at 700 bar, 230 Volts 50 Hz is 15 Amps.



For use with cyl.-type	Description	Order No.	Valve Type	Valve No.	Valve Function	Control Switch ††	Motor	Reservoir Usable (l)
Single-acting	1,12 KW pump with 19 l reservoir. Valve has "Posi-Check®" feature.	<b>PED253-50-220</b>	3-Way	9520	Advance Hold Return	Remote Motor	1,12 KW, 220 VAC 50 Hz††, Single Phase	16
Double-acting	1,12 KW pump with 19 l reservoir. Valve has "Posi-Check®" feature.	<b>PED254-50-220</b>	4-Way	9506	Advance Hold Return	Remote Motor	1,12 KW, 220 VAC 50 Hz††, Single Phase	16
Double-acting	PED254, except has solenoid operated remote valve.	<b>PED254S-50-220</b>	4-Way	9513	Advance Hold Return	Remote Valve	1,12 KW, 220 VAC 50 Hz††, Single Phase	16

†† Control switch wired with line voltage. All remotes are 3,1 m long.





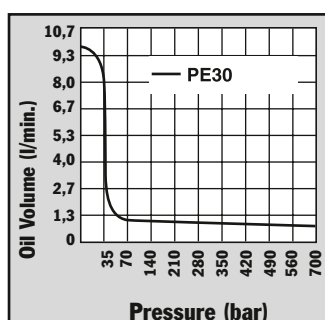
## Electric Pump

### HYDRAULIC PE30 SERIES

**0,48 l/min.**  
Two-Speed  
Vanguard® Series

Ideal for maintenance and construction applications

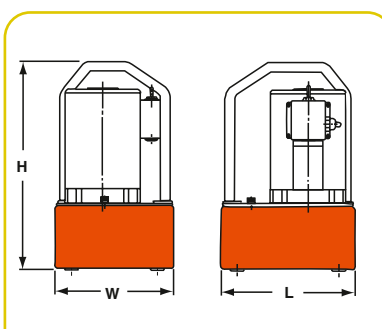
PUMPS



- Deliver a powerful punch to operate single-acting or double-acting cylinders.
- Integral roll cage protects pump from abuse.
- 0,75Kw (1 hp), single phase, permanent magnet motor.
- High performance to weight ratio.
- Starts under full load even when voltage is reduced to 50% of nominal rating.
- Quiet operation: 87 dBA @ 700 bar and 82 dBA @ 0 bar. CSA rated for intermittent duty.
- Remote controls and/or solenoid valves feature 24 volt controls.



PE302



Pump No.	Max Pressure Output bar	Noise level at 700 bar (dBA)	Amp. Draw 220V at 700 bar (A)	Oil Del. ( l/min at..)					Overall Dimensions (mm)	Prod. Wt. With Oil (kg)
				7 bar	35 bar	70 bar	350 bar	700 bar		
<b>PE30 Series</b> with 4,7 l res.	700	87/82	7	4,8	3,2	0,7	0,6	0,5	254L x 229W x 406H	18,6
<b>PE30 Series</b> with 7,6 l res.	700	87/82	7	4,8	3,2	0,7	0,6	0,5	343L x 241W x 419H	22,2



**PE30TWP**  
Torque Wrench  
Applications  
See page 171



700 bar



For use with Usable			Order	Valve	Valve	Valve	Control	Reservoir Motor
Single-act.	Base model 0,75 KW pump with 4,7 l Reservoir & 2 position valve.	<b>PE302-220<sup>∞</sup></b>	3-Way, 2 Pos.	9584	Advance Return	On/Off/Pulse Switch	0,75 KW 220/230 VAC, 50 Hz, Single Phase	4,5**
Single-act.	PE302-220, except has 6,6 l reservoir.	<b>PE302-2-220</b>	3-Way, 2 Pos.	9584	Advance Return	On/Off/Pulse Switch	0,75 KW 220/230 VAC, 50 Hz, Single Phase	6,1***
Single-act.	PE302-220, except has remote motor control.	<b>PE302R-220</b>	3-Way, 2 Pos.	9584	Advance Return	Remote Motor Control (3,1 m)	0,75 KW 220/230 VAC, 50 Hz, Single Phase	4,5**
Single-act.	PE302R-220, except has 6,6 l reservoir.	<b>PE302R-2-220</b>	3-Way, 2 Pos.	9584	Advance Return	Remote Motor Control (3,1 m)	0,75 KW 220/230 VAC, 50 Hz, Single Phase	6,1***
Single-act.	PE302R-220, except also has solenoid operated remote valve.	<b>PE302S-220†</b>	3-Way, 2 Pos.	9570	Advance Return	Remote Motor Control (3,1 m)	0,75 KW 220/230 VAC, 50 Hz, Single Phase	4,5**
Single-act.	PE302S-220, except has 6,6 l reservoir.	<b>PE302S-2-220†</b>	3-Way, 2 Pos.	9570	Advance Return	Remote Motor Control (3,1 m)	0,75 KW 220/230 VAC, 50 Hz, Single Phase	6,1***
Single-act.	PE302-220, except has "Auto Dump" valve	<b>PE302A-220</b>	Auto Dump	9610	Automatic Pilot Operation	Remote Motor Control (3,1 m)	0,75 KW 220/230 VAC, 50 Hz, Single Phase	4,5**
Single-act.	Base model 0,75 KW pump with 4,7 l Reservoir & 3 position valve.	<b>PE303-220</b>	3-Way, 3 Pos.	9520*	Advance Hold Return	On/Off/Pulse Switch	0,75 KW 220/230 VAC, 50 Hz, Single Phase	4,5**
Single-act.	PE303-220, except has 6,6 l reservoir.	<b>PE303-2-220</b>	3-Way, 3 Pos.	9520*	Advance Hold Return	On/Off/Pulse Switch	0,75 KW 220/230 VAC, 50 Hz, Single Phase	6,1***
Single-act.	PE303-220, except has remote motor control.	<b>PE303R-220</b>	3-Way, 3 Pos.	9520*	Advance Hold Return	Remote Motor Control (3,1 m)	0,75 KW 220/230 VAC, 50 Hz, Single Phase	4,5**
Single-act.	PE303R, except has 6,6 l reservoir.	<b>PE303R-2-220</b>	3-Way, 3 Pos.	9520*	Advance Hold Return	Remote Motor Control (3,1 m)	0,75 KW 220/230 VAC, 50 Hz, Single Phase	6,1***
Double-act.	Base model 0,75 KW pump with 4,7 l Reservoir & 4-way valve for double-acting systems	<b>PE304-220</b>	4-Way, 3 Pos. Tandem Ctr.	9506*	Advance Hold Return	On/Off/Pulse Switch	0,75 KW 220/230 VAC, 50 Hz, Single Phase	4,5**
Double-act.	PE304-220, except has 6,6 l reservoir.	<b>PE304-2-220</b>	4-Way, 3 Pos. Tandem Ctr.	9506*	Advance Hold Return	On/Off/Pulse Switch	0,75 KW 220/230 VAC, 50 Hz, Single Phase	6,1***
Double-act.	PE304-220, except has remote motor control.	<b>PE304R-220</b>	4-Way, 3 Pos. Tandem Ctr.	9506*	Advance Hold Return	Remote Motor Control (3,1 m)	0,75 KW 220/230 VAC, 50 Hz, Single Phase	4,5**
Double-act.	PE304R-220, except has 6,6 l reservoir.	<b>PE304R-2-220</b>	4-Way, 3 Pos. Tandem Ctr.	9506*	Advance Hold Return	Remote Motor Control (3,1 m)	0,75 KW 220/230 VAC, 50 Hz, Single Phase	6,1***

\* "Posi-Check<sup>®</sup>" valve design, "Posi-Check<sup>®</sup>" guards against pressure loss when valve is shifted from "advance" to "hold" position.

\*\* Shipped with 3,8 l of oil (3,4 l usable).

\*\*\* Shipped with 7,6 l of oil.

∞ Not to be used for lifting. Best suited for crimping, pressing & punching applications.





# Electric Pump

## HYDRAULIC PE46 SERIES

**0,6 l/min**  
**Two-speed**

Best suited for under the roof maintenance and production applications.

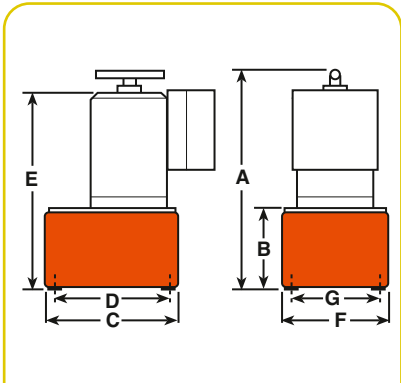
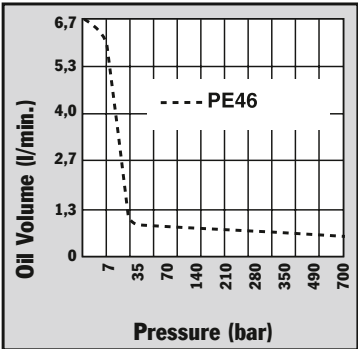
**PUMPS**

- Two-speed high performance pump.
- For use with single- or double-acting cylinders at operating pressures to 700 bar.
- Equipped with a 1.12 KW, 2.875 rpm single-phase, 50 Hz thermal protected induction motor that starts under full load. Noise level of 77-81 dBA.
- All equipped with a 3,1 m remote control except PE462S which has a 7,6 m remote control.
- 24 volt control circuit on all units with remote control.
- CSA rated for intermittent duty.



PE462A

700 bar



Pump No.	Max. Pressure Output bar	rpm	Noise level at Idle and 700 bar (dBA)	Amp Draw 220 V - at 700 bar (A)	Oil Del. (l/min. at.)†											Prod. Wt. w/Oil (kg)
					0 bar	7 bar	350 bar	700 bar	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	
PE46-Series	700	2.875	77/81	13	6,7	6,0	0,7	0,6	499	173	292	254	378	241	203	35,8
PE46-E220	700	2.875	77/81*	13	6,7	6,0	0,7	0,6	499	173	292	254	378	241	203	41,3

\* Measured at 0,9 m distance, all sides.  
† Typical delivery. Actual flow will vary with field conditions.



PE462S



PE464-E220



For use with cyl.-type	Description	Order No.	Valve Type	Valve No.	Valve Function	Control Switch†††	Motor	Reservoir Usable*** (l)
Single-acting	Base model 1,12 KW pump with 9,5 l metal reservoir.	<b>PE462-50-220</b>	3-Way	<b>9584</b>	Advance Return†	Remote Motor Control (3,1 m) on/off	1,12 KW, 220 VAC* 50 Hz, Single Phase	9,4
Single-acting	PE462-50-220, except has solenoid valve.	<b>PE462S-50-220</b>	3-Way	<b>9570</b>	Advance Return**	Remote Motor alve (7,6 m)	1,12 KW, 220 VAC* 50 Hz, Single Phase	9,4
Single-acting	PE462-50-220, except has "dump valve"	<b>PE462A-50-220∞</b>	Auto/Dump 3-Way	<b>9610</b>	Advance Return	Remote Motor Control (3,1 m) on/off	1,12 KW, 220 VAC* 50 Hz, Single Phase	9,4
Single-acting	1,12 KW pump with 9,5l metal reservoir. <b>Meets CE requirement</b>	<b>PE462-E220</b>	3-Way	<b>9584</b>	Advance Return +	Remote Motor Control (3,1 m) on/off	1,12 KW, 220 VAC* 50 Hz, Single Phase	9,4
Single-acting	PE462-50-220, except has solenoid valve. <b>Meets CE requirement</b>	<b>PE462S-E220</b>	3-Way	<b>9570</b>	Advance Return**	Remote Motor/ Valve (7,6 m)	1,12 KW, 220 VAC* 50 Hz, Single Phase	9,4
Single-acting	PE462-50-220, Except has "dump valve". <b>Meets CE requirement</b>	<b>PE462A-E220∞</b>	Auto/Dump 3-Way	<b>9610</b>	Advance Return	Remote Motor Control (3,1 m) on/off	1,12 KW, 220 VAC* 50 Hz, Single Phase	9,4
Double-acting/	PE462-50-220, except has multi-single-act.9500 double-acting valve.	<b>PE464-50-220</b>	4-Way	<b>9500</b>	Advance Hold Return†	Remote Motor Control (3,1 m) on/off	1,12 KW, 220 VAC* 50 Hz, Single Phase	9,4
Double-acting/	Same as PE464-50-220 multi-single-act. <b>Meets CE requirement</b>	<b>PE464-E220</b>	4-Way	<b>9500</b>	Advance Hold Return +	Remote Motor Control (3,1 m) on/off	1,12 KW, 220 VAC* 50 Hz, Single Phase	9,4
Double-acting/	Same as PE464S-50-220 multi-single-act. <b>Meets CE requirement</b>	<b>PE464S-E220</b>	3/4-Way	<b>9552</b>	Advance Return**	Remote Motor/ Valve (3,1m)	1,12 KW, 220 VAC* 50 Hz, Single Phase	9,4
Double-acting/	PE462S-50-220, except multi-single-act.has 9592 double-acting valve.	<b>PE464S-50-220</b>	3/4-Way	<b>9552</b>	Advance Return**	Remote Motor/ Valve (3,1m)	1,12 KW, 220 VAC* 50 Hz, Single Phase	9,4

- \* Available with 115 V., 60 Hz motor (to order, remove suffix "50-220" behind pump order number). Specify voltage when ordering.
- \*\* "Advance" position holds pressure with motor shut off.
- \*\*\* Usable oil is calculated with the oil fill at the recommended level of 13 mm below reservoir cover plate.

- † "Advance" position holds pressure with motor shut off.  
"Return" position returns cylinder.
- ††† The remote motor control switch on PE46 series pumps is 24 volt.
- ∞ Not to be used for lifting. When pump is shut off, oil returns to reservoir.







# Electric Pump

## HYDRAULIC PE55 VANGUARD®

0,9 l/min

For cylinders up to 200 tons.

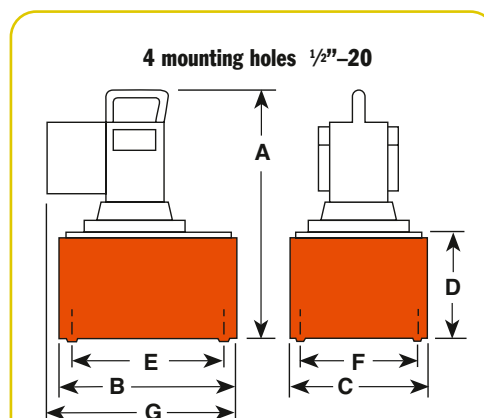
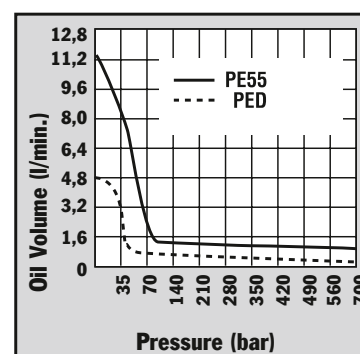
Heavy duty multiple-applications pump. Heavy construction and concrete stressing. Low voltage starting possible.

PUMPS

**PE55TWP**  
Torque  
Wrench  
Applications  
See page 172



**PE554W**  
The new pump;  
weather-resistant.



Pump No.	Max. Pressure Output bar	rpm	Noise level Idle and at 700 bar (dBA)	Amp Draw at 700 bar (220 V.)** (A)	Oil Del. (l/min at..)				w/Oil (kg)
					0 bar	50 bar	350 bar	700 bar	
PE55-Series	700	12,000	90/89*	13	11,3	7,1	1,2	0,9	29,4
PE55-E220									

A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
464	292	241	178	254	203	356
520						391

\*Noise level reading (dBA) measured at a 0,9 m distance, all sides.

\*\* Amp draw at 700 bar, 230 Volts 60 Hz is 15 Amps.



PE554-E220



700 bar



PE554PT



PE552

PUMPS

For use with cyl.-type	Description	Order No.***	Reservoir Valve Type	Valve No.	Valve Function	Control Switch ††	Motor	Usable (l)
Single-acting	Base model 0,84 KW pump with 9,5 l reservoir, remote motor control & 3-way valve.	PE552-50-220	3-Way	9582	Advance Return**	Remote Motor	0,84 KW*, 220 VAC 50Hz, Single Phase	8,4
Single-acting	PE552-50-220, except also has solenoid operated remote valve.	PE552S-50-220	3-Way	9570	Advance Hold Return	Remote Motor & Valve	0,84 KW*, 220 VAC 50Hz, Single Phase	8,4
Single-acting	PE552-50-220, except has "Auto Dump" valve.	PE552A-50-220	Auto/Dump	9610	Advance Return	Remote Motor	0,84 KW*, 220 VAC 50Hz, Single Phase	8,4
Single-acting	0,84 KW pump with 9,5 l reservoir. Valve has "Posi-check" feature.	PE553-50-220	3-Way†	9520	Advance Hold Return	Remote Motor	0,84 KW*, 220 VAC 50Hz, Single Phase	8,4
Single-acting	Same as PE552-50-220, but meets also CE requirement	PE552-E220	3-Way	9584	Advance Return**	Remote Motor	0,84 KW*, 220 VAC 50Hz, Single Phase	8,4
Single-acting	Same as PE552S-50-220, but meets also CE requirement	PE552S-E220	3-Way	9570	Advance Return	Remote Motor & Valve	0,84 KW*, 220 VAC 50Hz, Single Phase	8,4
Single-acting	Same as PE552A-50-220, but meets also CE requirements	PE552A-E220∞	Auto/Dump	9610	Advance Hold Return	Remote Motor	0,84 KW*, 220 VAC 50Hz, Single Phase	8,4
Single-acting	Same as PE553-50-220 but needs also CE Requirement	PE553-E220	3-Way	9520	Advance Hold Return	Remote Motor	0,84 KW*, 220 VAC 50Hz, Single Phase	8,4
Double-acting	Base model 0,84 KW pump with 9,5 l res. and 4-way valve for double-acting systems.	PE554-50-220	4-Way†	9506	Advance Hold Return	Remote Motor	0,84 KW*, 220 VAC 50Hz, Single Phase	8,4
Double-acting	Same as PE554-50-220 but needs also CE Requirement	PE554-E220	4-Way†	9506	Advance Hold Return	Remote Motor	0,84 KW*, 220 VAC 50Hz, Single Phase	8,4
Double-acting	PE554-50-220, except has 9500 tandem center valve.	PE554T-50-220	4-Way	9500	Advance Hold Return	Remote Motor	0,84 KW*, 220 VAC 50Hz, Single Phase	8,4
Double-acting	For use with single-acting Spring Seat, Stressing Jack or double-acting cylinder.	PE554P-50-220	4-Way	9500	Advance Hold Return	Remote Motor	0,84 KW*, 220 VAC 50Hz, Single Phase	8,4
Double-acting	For use with single- or double-acting Power Seat, Stressing Jacks ONLY.	PE554PT-50-220	4-Way	9628	Advance Hold Sequenced Return	Remote Motor	0,84 KW*, 220 VAC 50Hz, Single Phase	8,4
Double-acting	Pump suitable to run multiple . spring return tools	PE554C-50-220	4-Way	9511†††	Advance Hold Return	Remote Motor	0,84 KW*, 220 VAC 50Hz, Single Phase	8,4
Double-acting	Pump equipped with 3/4-way solenoid valve.	PE554S-50-220	3/4-Way	9552	Advance Hold Return	Remote Motor & Valve	0,84 KW*, 220 VAC 50Hz, Single Phase	8,4
Double-acting	Pump suitable to run multiple Spring return cylinder	PE554C-E220	4-Way	9511 +††	Advance Hold Return	Remote Motor	0,84 KW*, 220 VAC 50Hz, Single Phase	8,4
Double-acting	Pump equipped with 3/4 -way solenoid valve	PE554S-E220	3/4-Way	9552	Advance Hold Return	Remote Motor & Valve	0,84 KW*, 220 VAC 50Hz, Single Phase	8,4

\* Pumps available with 115 volt, 50 Hz motors. (to order remove the -50-220 suffix from the order code). See "Assemble to Order" pump options on pages 102-105.

\*\* Holds with motor shut off.

\*\*\* To order PE55 series pumps with CSA approval, add "-C" to the Order No.

† Valves have "Posi-Check®" feature.

††† Valving allows alternate and independent operation of two different spring return tools. Valve holds pressure only while valve is in "A" or "B" port position with pump motor shut off.

∞ Not to be used for lifting.

Also available in E 110 C €





## Electric Pump

### HYDRAULIC PE60 SERIES

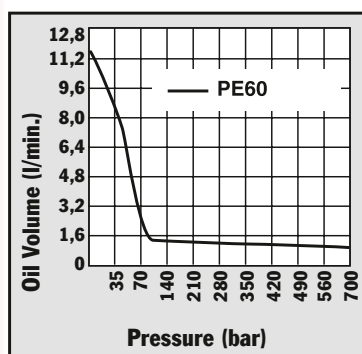
## Post Tensioning

### 0,9 l/min

### Two-Speed

Compact, light weight pump.  
Excellent choice for rugged  
applications and low voltage  
starting.

PUMPS

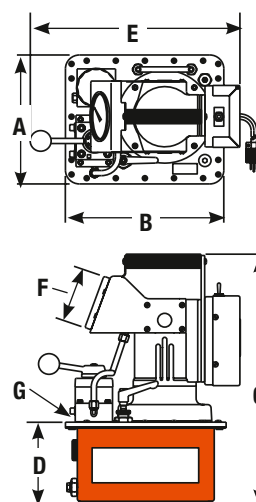


- Long, trouble free life in the most demanding work environments. For operating single- or double-acting cylinders, or stressing jacks.
- Powered by 0,84 KW, 220 volt, 60/50 Hz single phase motor. Starts under load, even at the reduced voltages at construction sites.
- Optional fan-driven external oil cooler includes rollover guard.
- Insulated carrying handle.
- Integral 102 mm fluid-filled pressure gauge with steel bezel complies with ASME B40.1 Grade A. With 0 to 700 bar pressure range in 7 bar increments.
- Sealed 4,34 l (usable) reservoir. Reservoir drain port is standard.
- Standard oil level sight gauge for accurate oil level monitoring.



**PE604T**  
w/cooler

- External spin-on filter removes contaminants from circulating oil to maximize pump, valve and cylinder/tool life.



Pump No.	Max. Pressure Output bar	rpm	Noise level Idle and 700 bar (dBA)	Amp Draw at 700 bar (A)	Oil Del. (l/min at...)				A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (in)	Prod. Wt. w/Oil (kg)
					0 bar	50 (50)	350 bar	700 bar								
<b>PE604T -220</b>	700	12.000	80/85	13	11,3	7,1	1,2	0,9	263,5	301,6	457,2	152,4	381	101,6	<sup>3</sup> / <sub>8</sub> NPTF	27,2
<b>PE604PT -220</b>	700	12.000	80/85	13	11,3	7,1	1,2	0,9	263,5	301,6	457,2	152,4	381	101,6	<sup>3</sup> / <sub>8</sub> NPTF	27,7

**NOTE:** Unloading pressure is 70 bar.  
Consult factory for PE60 pump models with other control and valve options.



700 bar



The PE60 used for pre-stressing.



Description	Order No.	Valve Type	Valve No.	Valve Function	Control Switch	Motor	Reservoir Usable (l)
Single-Acting, Spring Seat, Stressing Jack or Double-Acting	<b>PE604T</b>	4-Way 3-position	9500	Advance Hold Return	On/Off/Pulse	0,84 kW, 220 VAC 50 Hz, Single Phase	4,34
Single-Acting or Double-Acting Power Seat, Stressing Jacks Only	<b>PE604PT</b>	4-Way 3-position	9628 Model C	Advance Hold Sequenced Return	On/Off/Pulse	0,84 kW, 220 VAC 50 Hz, Single Phase	4,34
<b>OPTIONAL</b>							
<b>252511:</b> Oil cooler kit for PE604T or PE604PT, 115 VAC. Weight 2,7 kg.				<b>252512:</b> Oil cooler kit for PE604T or PE604PT, 220 VAC. Weight 2,7 kg.			







# Electric Pump

## HYDRAULIC PQ60 SERIES

Up to 200 ton  
0,8 l/min

Pump designed specifically for heavy duty, extended cycle operation.

PUMPS

- For operating single- or double-acting cylinders.
- Metal shroud keeps dirt and moisture out of motor and electrical components.
- Electrical shut-down feature prevents unintentional restarting of motor following an electrical service interruption.
- Internal relief valve limits pressure to 700 bar. External relief valve is adjustable from 70 to 700 bar.
- Pumps operate below maximum OSHA noise limitation (74-76 dBA).
- Start and operate under full load, even with voltage reduced 10%.

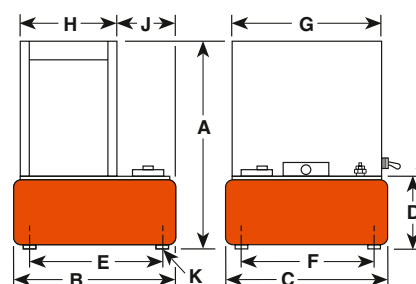
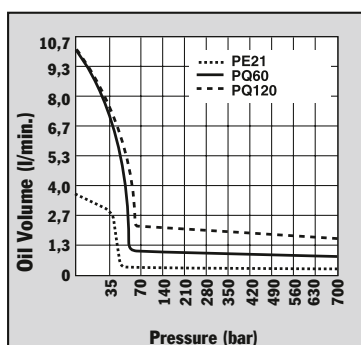


PQ603

700 bar



LR19814



Pump No.	Max. Pressure Output bar	rpm	Noise level at Idle and 700 bar (dBA)	Amp Draw at 700 bar (A)	Oil Del. (l/min at..)														Prod. Wt. w/Oil (kg)
					7 bar	70 bar	350 bar	700 bar	A	B	C	D	E	F	G	H	J	K***	
PQ60 Series	700	1.437	74/76*	See Chart (following page)	9,7	0,9	0,9	0,8	638	362	394	184	308	338	373	237	122,2	1/2-20 UNF	76,6**

\* Measured at a 0,9 m distance, all sides.

\*\* Total weight with oil and 3-way solenoid valve.  
Subtract 4,5 kg to obtain weight of pump with manual valve.

\*\*\* For 50,8 mm dia. swivel casters, order (4) No. 10494.





PQ604



Hydraulic Machine Press Operation.



PQ604S

For use with Cyl. Type	Description	Order No.	Valve Type	Valve No.	Valve Function	Max. Amp Draw at 700 bar (A)	Motor	Reservoir Usable (l)
Single-Acting	1,49 KW pump with 21,6 l reservoir and manual valve,	<b>PQ603-50-220</b>	3-Way	9520*	Advance Hold Return	115V - 22 amps 230V - 11 amps	1,49 KW, 220 Volt 50 Hz, Single	20
Single-Acting	PQ603-50-220, except has solenoid operated remote valve.	<b>PQ603S-50-220</b>	3-Way	9599†	Advance Hold Return	115V - 22 amps 230V - 11 amps	1,49 KW, 220 Volt 50 Hz, Single	20
Double-Acting	1,49 KW pump with 21,6 l reservoir and manual valve.	<b>PQ604-50-220</b>	4-Way	9506*	Advance Hold Return	115V - 22 amps 230V - 11 amps	1,49 KW, 220 Volt 50 Hz, Single	20
Double-Acting	PQ604-50-220, except has solenoid operated remote valve.	<b>PQ604S-50-220</b>	4-Way	9512†	Advance Hold Return	115V - 22 amps 230V - 11 amps	1,49 KW, 220 Volt 50 Hz, Single	20

\* Manual valve. Pump is equipped with RUN/OFF/PULSE switch for control of motor.

† Solenoid valve. Pump is equipped with a remote control switch with 3,1 m cord.

‡ 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.

