



Electric Pump HYDRAULIC PQ120 SERIES

Up to 400 Ton
1,6 l/min

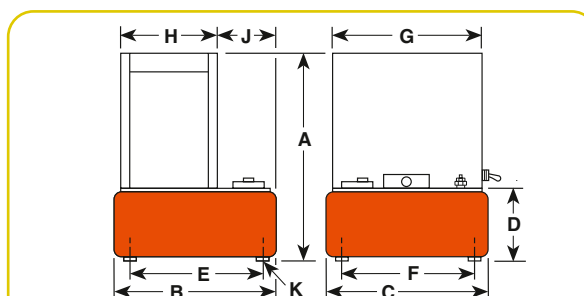
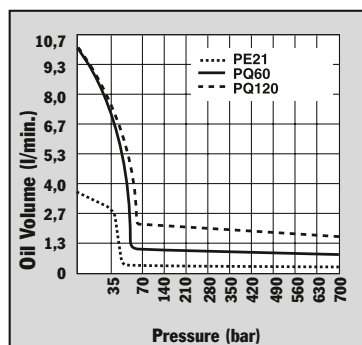
Low speed, high torque pump
designed specifically for heavy
duty, extended cycle operation.
Ideal for press operation.

PUMPS

- Start and operate under full load, even with voltage reduced 10%.
- 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.
- Pump prewired at factory with a 2,24 KW, 380 volt, 50 Hz. 3 Phase motor. Other electrical configurations are available. See ordering information on the following page.
- 24 volt control circuits on units with remote controls for added user/operator safety.
- 2,24 KW(3 phase) motor with thermal overload protection. Motor starter and heater element supplied as standard equipment; no hidden charges!
- Metal shroud keeps dirt and moisture out of motor and electrical components.
- Pumps operate below maximum OSHA noise limitation.



PQ1203



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..)				A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	J (mm)	K*** (in)	Prod. Wt. w/Oil (kg)
					7 bar	70 bar	350 bar	700 bar											
PQ120-Series	700	1.437	73/78*	See Chart Above	9,7	2,1	1,7	1,6	638	362	394	184	308	338	373	237	122,2	1/2-20 UNF	74,3**

* 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.



PQ1204



PQ1204S-E380

700 bar



LR19814



For use with cyl.-type	Description	Order No.	Valve Type	Valve No.	Valve Function	Motor	Reservoir Usable (l)
Single-acting	2,24 KW pump with 21,6 l reservoir and manual valve.	PQ1203-E380	3-Way	9520*	Advance Hold Return	2,24 KW, 400 Volt 50 Hz, 3 Phase	20
Single-acting	PQ1203-50-380, except has solenoid operated remote valve.	PQ1203S-E380	3-Way	9599†	Advance Hold Return	2,24 KW, 400 Volt 50 Hz, 3 Phase	20
Double-acting	2,24 KW pump with 21,6 l reservoir and manual valve.	PQ1204-E380	4-Way	9506*	Advance Hold Return	2,24 KW, 400 Volt 50 Hz, 3 Phase	20
Double-acting	PQ1204-50-380, except has solenoid operated remote valve.	PQ1204S-E380	4-Way	9512†	Advance Hold Return	2,24 KW, 400 Volt 50 Hz, 3 Phase	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.





Electric Pump

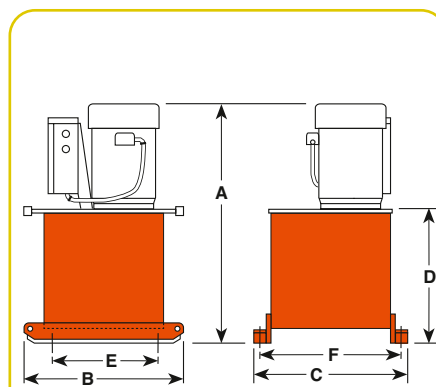
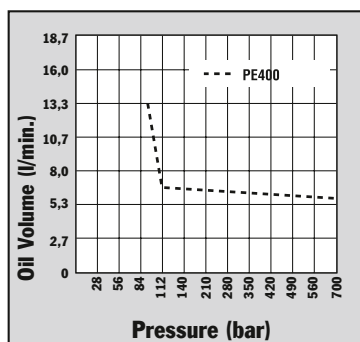
HYDRAULIC PE400 SERIES

Up to 1,000 Ton
5,6 l/min

High tonnage double-acting cylinders, Single or multiple cylinder applications. Up to 1,000 Tons

PUMPS

- Two-speed high output pump delivers up to 16 l/min of oil.
- Low noise level of 73-80 dBA.
- Integral electrical shut-down feature prevents unintentional restarting of motor following an electrical service interruption. Over-current protection prevents damage to motor as a result of overheating.
- "Stop" and "Start" control buttons are 24 volt. PE4004 has a 4-way/3-position manual valve. The PE4004S has a 4-way/3-position solenoid valve with a 24 volt remote hand switch.
- External pressure relief valve is adjustable from 100 to 700 bar.
- Heavy duty 50,8 mm dia. casters assure easy maneuvering.
- 75,7 l (62,8 l usable) reservoir has a low oil level sight gauge.
- Powered by a dual voltage 7,46 KW, 3 phase, 1,437 rpm motor.
- 3 phase motor has all the electrical components necessary to operate the pump. The customer has no hidden charges when making purchase.
- Deliver 16 l/min. of oil at 15 bar, 5,6 l/min. of oil at 700 bar.



Pump No.	Max. Pressure Output		Noise level at Idle and 700 bar (dBA)	Amp Draw at 700 bar (A)	Oil Del. (l/min at..)				E				F	Prod. Wt. w/Oil (kg)
	bar	rpm			15 bar	90 bar	350 bar	700 bar	A* (mm)	B (mm)	C (mm)	D (mm)	Caster Mfg. (mm)	
PE4004-E380	700	1.437	73/80	6	16	14	6	5,6	924	635	610	540	394	223
PE4004S-E380	700	1.437	73/80	6	16	14	6	5,6	924	635	610	540	394	229

* Add 127 mm and 3,6 kg when casters are mounted. (Units are supplied with four 102 mm dia. swivel casters.)



PE4004S pump and RD3006 cylinder used in a special press which repairs damaged chain links for the shipping industry.



CE

PE4004S



700 bar

PUMPS

For use with cyl.-type	Description	Order No.	Valve Type	Valve No.	Valve Function	Motor††	Reservoir Usable (l)
Double-acting	7,46 KW pump with 75,5 l reservoir and manual valve.	PE4004-E380	4-Way	9506	Advance Hold Return	7,46 KW, 400 volt 50 Hz, 3 Phase	62,8†
Double-acting	PE4004, except has solenoid operated remote valve.	PE4004S-E380	4-Way	9512**	Advance Hold Return	7,46 KW, 400 volt 50 Hz, 3 Phase	62,8†

** Solenoid valve with remote control.

† Usable oil is calculated with oil fill at recommended level at 57 mm below cover plate.

†† PE400 series available in 220/380V, 50Hz and 460V, 50Hz. Please specify when ordering. Example: PE4004-50-380 or for 460 V PE4004-460.

NOTE: Valves for spring return cylinders are available upon request. Consult the factory.

