

Model Shown:
PE462-E220



Pumps

▶ **PE46 series pump and RD5513 cylinder used in a special press that produces pharmaceutical-grade extracts for herbal medicines.**



Features

BEST SUITED FOR UNDER-THE-ROOF MAINTENANCE AND PRODUCTION APPLICATIONS.

- Two-speed high-performance pump.
- For use with single or double-acting cylinders at operating pressures up to 700 bar.
- Equipped with a 1,12 kW, 2875 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.
- 24V control circuit on all units with remote control.
- CSA rated for intermittent duty.



Hydraulic Hoses

Heavy-duty and thermo plastic hydraulic hoses to meet your requirements and safety factor.

Refer to accessories section for details

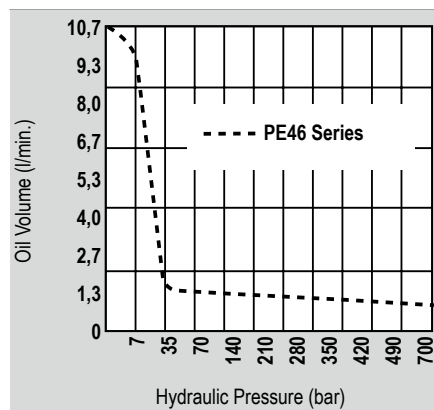


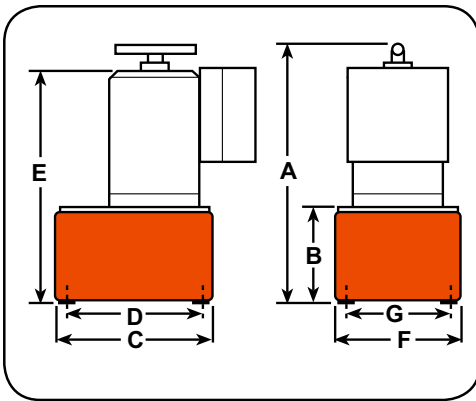
Hydraulic Fluids

For dependable performance of all your hydraulic pumps and cylinders. Power Team specialty blended oils contains foam suppressant additives and has a high viscosity index. Refer to the Accessories section for complete details



Performance Specifications





► **Technical Dimensions**

Order No.	A	B	C	D	E	F	G	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)
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)					7 (bar)	70 (bar)	350 (bar)	700 (bar)	
PE46 Series	499	173	292	254	378	241	203	700	2,875	77/81*	13**	6,7	6,0	0,7	0,6	35,8
PE46-E220	499	173	292	254	378	241	203	700	2,875	77/81*	13**	6,7	6,0	0,7	0,6	41,3

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

** Requires 20 amp circuit.

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

► **Ordering Information**

For Use With Cylinder Type	Description	Order No.	Valve Type	Valve No.	Valve Function	Control Switch ††	Motor	Reservoir ***Usable Oil Cap. (l)
Single-Acting	Base model 1,12 kW pump with 9,5 liter metal reservoir	PE462-50-220	3-Way	9584	Advance Return†	Remote Motor Control (3,1 m) on/off	1,12 kW, 220 V* 50 Hz, Single Phase	9,4
Single-Acting	PE462-50-220, except has solenoid valve	PE462S-50-220	3-Way	9570	Advance Return**	Remote Motor Valve (7,6 m)	1,12 kW, 220 V* 50 Hz, Single Phase	9,4
Single-Acting	PE462-50-220, except has "dump valve"	PE462A-50-220∞	"Auto/Dump 3-Way"	9610	Advance Return	Remote Motor Control (3,1 m) on/off	1,12 kW, 220 V* 50 Hz, Single Phase	9,4
Single-Acting	1,12 kW pump with 9,5 liter metal reservoir Meets CE requirement	PE462-E220	3-Way	9584	Advance Return†	Remote Motor Control (3,1 m) on/off	1,12 kW, 220 V* 50 Hz, Single Phase	9,4
Single-Acting	PE462-50-220, except has solenoid valve Meets CE requirement	PE462S-E220	3-Way	9570	Advance Return**	Remote Motor Valve (7,6 m)	1,12 kW, 220 V* 50 Hz, Single Phase	9,4
Single-Acting	PE462-50-220, except has "dump valve". Meets CE requirement	PE462A-E220	"Auto/Dump 3-Way"	9610	Advance Return	Remote Motor Control (3,1 m) on/off	1,12 kW, 220 V* 50 Hz, Single Phase	9,4
Double-Acting/ Multi-Single Acting	PE462-50-220, except has 9500 double-acting valve.	PE464-50-220	4-Way	9500	Advance Hold Return†	Remote Motor Control (3,1 m) on/off	1,12 kW, 220 V* 50 Hz, Single Phase	9,4
Double-Acting/ Multi-Single Acting	Same as PE464-50-220 Meets CE requirement	PE464-E220	4-Way	9500	Advance Hold Return†	Remote Motor Control (3,1 m) on/off	1,12 kW, 220 V* 50 Hz, Single Phase	9,4
Double-Acting/ Multi-Single Acting	PE462S-50-220 Meets CE requirement	PE464S-E220	3/4-Way	9592	Advance Return**	Remote Motor/Valve (3,1 m)	1,12 kW, 220 V* 50 Hz, Single Phase	9,4
Double-Acting/ Multi-Single Acting	PE462S-50-220, except has 9592 double-acting valve	PE464S-50-220	3/4-Way	9592	Advance Return**	Remote Motor/Valve (3,1 m)	1,12 kW, 220 V* 50 Hz, Single Phase	9,4

* Available with 220V 50 Hz motor (to order, place 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 1.50" 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 24V.

∞ Not to be used for lifting. When pump is shut-off, oil returns to reservoir.