

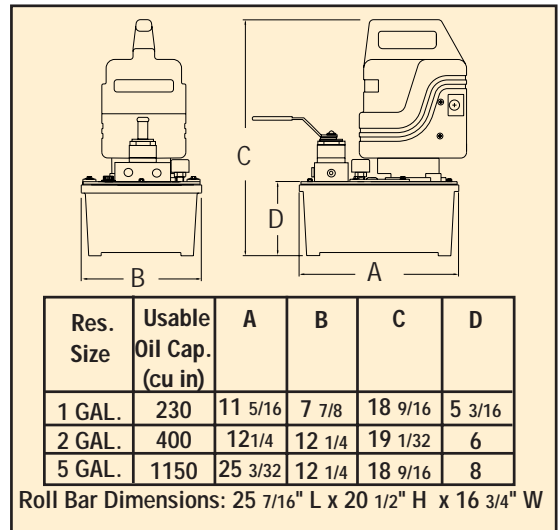
POWER PUMPS

ELECTRIC .5 HP 20 SERIES



PEM2022

- 16 standard models.
- Rated for continuous duty.
- Suc-O-Matic feature reduces retraction time.
- Two-speed operation provides fast advance.
- Higher crossover for faster cylinder cycle.
- Starts under full load.
- Runs reliably on long extension cords.
- Maximum amperage draw 10 amps.
- Adjustable relief for variable pressure settings.
- Dual ports for easier plumbing.
- Quiet Running (80dBA).
- All dump pumps come standard with motor pendant switch with 20' cord.



Hydraulic Cylinders pgs. 11-30	Hoses pgs. 70-71	Accessories & Fittings pgs. 68-72

PE-20 Series 0.5 HP Electric Powered Pumps - 10,000 psi capacity

	Model Number	Reservoir Size (Gal.)	Valve			Motor Specifications	Flow Rate @ 115 VAC	Weight (lbs)	
			Model	Style	Function				
Single-Acting	PED2001	1	Dump	Auto Retract	Remote Actuated	0.5 HP Single Phase Permanent Magnet 115 VAC 50/60 Hz 10 amps at 10,000 PSI	400 cu. in. @600 PSI	56	
	PED2002	2	Dump					64	
	PEM2021	1	VP2	Standard	2 Position 2 Way			56	
	PEM2022	2	VP2					64	
	PEM2031	1	VP3*	Locking	3 Position 3 Way			Manual Lever Actuated	62
	PEM2032	2	VP3*						70
	PEM2052	2	VPL3*	Standard	3 Position 3 Way			Remote Solenoid Actuated	71
	PES2031	1	VPS3*						66
	PES2032	2	VPS3*	Locking	3 Position 3 Way			Remote Solenoid Actuated	73
PES2052	2	VPSL3*	74						
Double-Acting	PEM2041	1	VP4	Standard	3 Position 4 Way	0.5 HP Single Phase Permanent Magnet 115 VAC 50/60 Hz 10 amps at 10,000 PSI	20 cu. in. @10,000 PSI	62	
	PEM2042	2	VP4					70	
	PEM2062	2	VPL4	Locking	3 Position 4 Way			Manual Lever Actuated	71
	PES2041	1	VPS4						Standard
	PES2042	2	VPS4	73					
	PES2062	2	VPSL4	Locking	74				

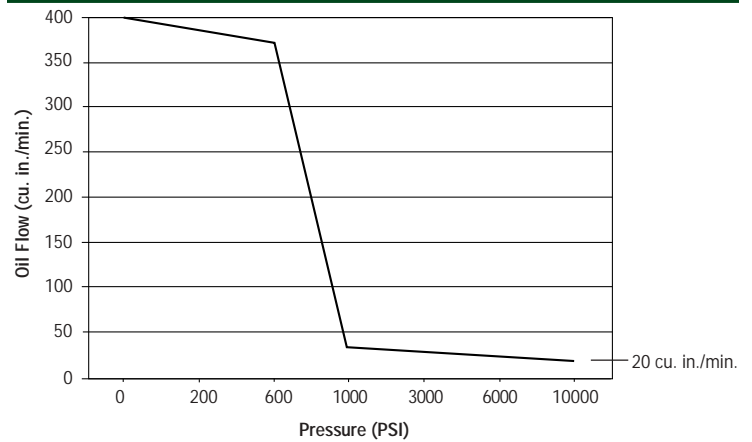
For more information on valve models, see pages 63-67.

* Includes Suc-O-Matic.



Ship repair demands durable and reliable tools. This Simplex 20 Series pump provides trouble free hydraulic power to a variety of hydraulic cylinders, spreaders and tools. "Shipyards are no place for cheap, second rate pumps; Simplex tools never let us down."

PERFORMANCE CHART



20 SERIES POWER PUMP OPTIONS

PUMP CONTROL DEVICES



- PPM - Motor Control Pendant
 - PES - Valve Directional Control Pendant
 - PPS - Motor Control & Valve Directional Control Pendant (dual switches)
- All pendants include 20' cord.



- PFM - Motor Control Foot Switch
- Includes 20' cord.

PUMP PROTECTION



- P03 - Roll Bars
- For 1, 2 & 5 gallon reservoirs only. Order (1) under Options in the Custom Build Chart.



- P04 - External filter for pumps with 3 & 4 way valves.
- Order (4) under Options in the Custom Build Chart. Replacement filter elements, use order number P05E.

CUSTOM BUILD

Using the chart below you can add roll bars, different size reservoirs or other options.

Description	Model	Selections
Product	P	Power Pump
Motor Control Options	E	E = No Options P = Pendant Switch F = Foot Switch
Valve Style	S	D = Dump S = Solenoid M = Manual
Pump Series	2	0.5 HP, 115VAC 50/60 Hz, Permanent Magnet Motor
Options	1	0 = No Options 4 = Filter only 1 = Roll Bars only 5 = Roll Bars & Filter
Valve Type	3	0 = Dump 4 = 4 Way 3 Position 2 = 2 Way 2 Position 5 = 3 Way Locking Style 3 = 3 Way 3 Position 6 = 4 Way Locking Style
Reservoir Size	2	1 = 1 Gallon 5 = 5 Gallon 2 = 2 Gallon
Motor Voltage		Blank = 115 VAC Single Phase A = 230 VAC Single Phase

ALL PUMP OPTIONS ARE FACTORY INSTALLED