

E-SERIES E-PULSE™ HYDRAULIC PUMPS

High productivity through innovative design



ENERPAC 

▼ EP3404JE, E-Pulse™ Electric Hydraulic Pump



High productivity through innovative design

Performance

- Two-stage pump with high by-pass pressure:
2,13 l/min at 175 bar,
0,52 l/min at 700 bar
- Smart controls enable motor to maintain constant power across the pressure range
- 24VDC power regulator minimizes effects of poor power supply
- Six-piston block design provides even flow for smooth operation of cylinder or tool.

Durability

- Durable aluminium housing
- High-efficiency permanent magnet, direct drive motor enables continuous use and long service life
- Built-in thermal protection
- IP Rating: IP54 on the pump, IP67 on the pendant

Convenience

- Speed control with dial adjustment for precise operation
- Pendant and cord management system
- Convenient oil fill port, oil level indicator and automatic breather.



Variable Speed Control

Speed control with dial adjustment for precise tool or cylinder operation. The adjustable speed range is approximately 25 to 100% of full rated output.



Four Valve Options

Valve options to operate single- or double-acting cylinders and tools.

- 3/2 manual valve
- 4/3 manual valve
- 3/2 dump valve
- 3/2 dump and hold valve



Optional E-Pulse Gauge Kit

Available separately for use with E-Pulse pumps: EPGK optional 4 inch E-Pulse Gauge Kit.

E-Pulse™, Electric Hydraulic Pumps



E-Pulse™ Pumps

The Enerpac E-Pulse drives high productivity through its innovative design. Smart controls enable the motor to maintain constant power providing higher flow than traditional pumps.

Adjustable speed control enables precision as required. E-Pulse is designed for convenience.

Features include a cord management system and integrated pendant control with a magnet that fits securely into the handle of the pump.

The durable aluminum housing is designed to give easy access for serviceability. E-Pulse is the heart to any hydraulic system, ensuring high performance and providing ultimate convenience.

E Series



Reservoir Capacity:
3,0 litres

Flow at Rated Pressure:
0,52 l/min

Motor Size:
0,63 kW

Maximum Operating Pressure:
700 bar



Jog Operation
Latch Operation

3/2 Jog, 3/2 Dump, 4/3 Jog pendant with 3 metres cord

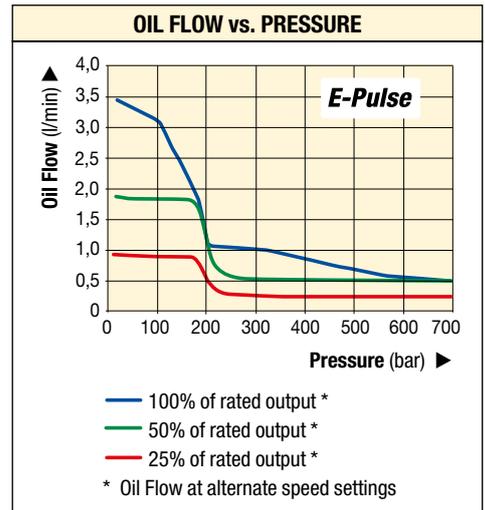
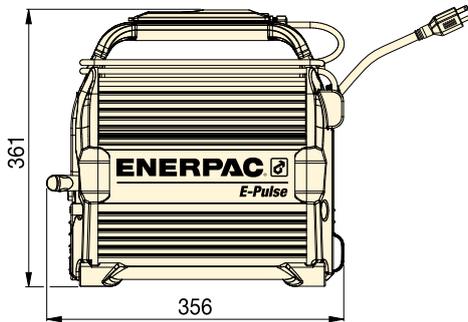
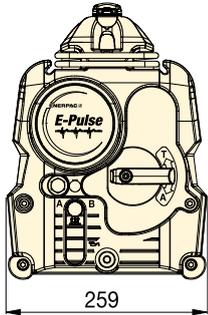


Jog Operation
Dump System Pressure

3/2 Dump and Hold pendant with 3 metres cord

Interactive Pendant

- Operation, programming and diagnostics status provided to operator with yellow, green, and red LED as well as vibration pulses.
- Fault codes warn operators of any issues related to voltage, temperature, button controls, or if professional service is required.



SELECTION CHART

Used with cylinder or tool	Useable Oil Capacity (litres)	Model Number	Output Flow Rate (l/min)				Valve Type	Plug Type	Motor Voltage (VAC)	Current Draw (Amps)	Sound Level (dBA)	Weight (kg)		
			1 bar	175 bar	350 bar	700 bar								
Single-Acting	3,0	EP3104DB	3,61	2,13	0,95	0,52	3/2 Dump	NEMA 5-15	100-120	12	70-85	18,1		
	3,0	EP3104DI	3,61	2,13	0,95	0,52		NEMA 6-15	200-250	7	70-85	18,1		
	3,0	EP3104DE	3,61	2,13	0,95	0,52		Schuko CEE 7/7	200-250	7	70-85	18,1		
	Single-Acting	3,0	EP3204JB	3,61	2,13	0,95	0,52	3-way, 2-position	NEMA 5-15	100-120	12	70-85	17,9	
		3,0	EP3204JI	3,61	2,13	0,95	0,52		NEMA 6-15	200-250	7	70-85	17,9	
		3,0	EP3204JE	3,61	2,13	0,95	0,52		Schuko CEE 7/7	200-250	7	70-85	17,9	
		Single-Acting	3,0	EP3304SB	3,61	2,13	0,95	0,52	3/2 Dump and Hold	NEMA 5-15	100-120	12	70-85	18,2
			3,0	EP3304SI	3,61	2,13	0,95	0,52		NEMA 6-15	200-250	7	70-85	18,2
			3,0	EP3304SE	3,61	2,13	0,95	0,52		Schuko CEE 7/7	200-250	7	70-85	18,2
Double-Acting	3,0	EP3404JB	3,61	2,13	0,95	0,52	4-way, 3-position	NEMA 5-15	100-120	12	70-85	18,1		
	3,0	EP3404JI	3,61	2,13	0,95	0,52		NEMA 6-15	200-250	7	70-85	18,1		
	3,0	EP3404JE	3,61	2,13	0,95	0,52		Schuko CEE 7/7	200-250	7	70-85	18,1		



TOOL SOLUTIONS

Enerpac offers an extensive range of tools to ensure that even your most demanding applications can be undertaken with the highest degree of safety and accuracy. Whatever your requirement — lifting, pressing, cutting, punching, spreading or bending; you can be sure that Enerpac has the correct tool to do your job safely and efficiently.



Cylinders & Lifting Products



Cylinder-Pump Sets



Cutters



Pullers



Lifting Wedges



Machine Lifts



Punches



Spreaders



Maintenance Sets



Pipe Benders



Presses



Nut Cutters

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