

▼ EP3204JE-G, E-Pulse® Electric Hydraulic Pump



## High productivity through innovative design



### Interactive Pendant

Integrated pendant control with a magnet that fits securely into the handle of the pump.

- 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.

### Performance

- Two-stage pump with high flow/pressure ratio: 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
- Integrated pressure gauge with scalereading in bar, MPA and psi
- 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.



### Tie Down Bracket

Enables pump mounting to a work surface: **MBEP-1** optional Tie Down Bracket.



### Manifold Mounting Bracket

Ability to mount AM21 and AM41 split-flow hydraulic manifolds: **MMBEP-1** optional Manifold Mounting Bracket.

# E-Pulse®, Electric Hydraulic Pumps



## E-Pulse® Pumps

The Enerpac E-Pulse® pumps 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® pumps are 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.



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

LED status signal

Jog Operation

Latch Operation



3/2 Dump and Hold  
pendant with 3 metres cord

LED status signal

Jog Operation

Dump System  
Pressure

## ▼ PERFORMANCE CHART

Pump Series/Type	Output Flow Rate (l/min)				Motor Voltage (VAC)	Plug Type	Current Draw (Amps)	Sound Level (dBA)
	1 bar	175 bar	350 bar	700 bar				
EP3....B-G	3,61	2,13	0,95	0,52	100-120	NEMA 5-15	12	70-85
EP3....I-G					200-250	NEMA 6-15	7	
EP3....E-G					200-250	Schuko CEE 7/7	7	

## ▼ SELECTION CHART

Used with cylinder or tool	Useable Oil Capacity (litres)	Model Number	Valve Type	Valve Function	Remote Pendant Functions	(kg)
Single- Acting	3,0	EP3104DB-G	3/2 Solenoid	Dump	Advance	18,6
		EP3104DI-G				
		EP3104DE-G				
	3,0	EP3204JB-G *	3/2 Manual	Jog	Motor On/Off	18,4
		EP3204JI-G *				
		EP3204JE-G *				
Double- Acting	3,0	EP3304SB-G *	3/2 Solenoid	Hold and Dump	Advance/Retract	18,7
		EP3304SI-G *				
		EP3304SE-G *				
		EP3404JB-G *	4/3 Manual	Jog	Motor On/Off	18,6
		EP3404JI-G *				
		EP3404JE-G *				

\* The adjustable speed control only applies to all EP3204, EP3304 and EP3404 pump models.

## 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**

## OIL FLOW vs. PRESSURE

