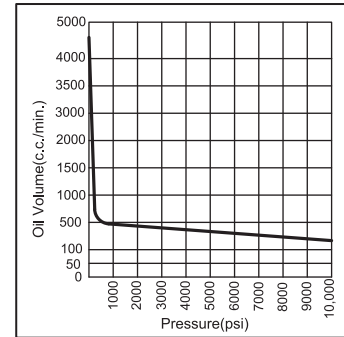


MODEL: EP13 SERIES

ELECTRIC PUMPS, 3 LITER,
700 BAR/10,000psi



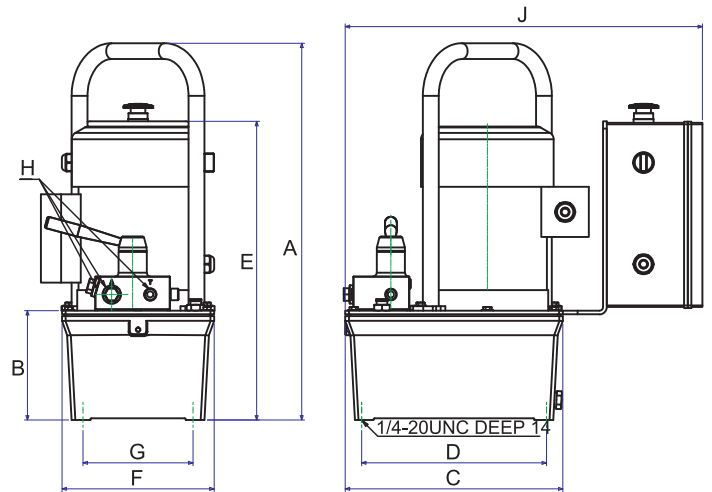
EP13



FEATURES

- Original pumps are built with 1/2 HP, 220V, 50/60Hz, Single phases universal brushless motor.
- Internal relief valve (700 bars) protects the components and work safety.
- Pumps are included with 24V, 3 meters remote control cord.
- Quiet pumps comply OSHA noise limitation (80dBA at 700bar).
- EP13D specially designed for double-acting cylinders without the need for additional control valve and adapters.
- Conform to CE standards.
- **Both models are available with Solenoid Valve version.**

MODEL:EP13S



SPECIFICATION

Model No.	Acting	RPM 50/60 Hz	Reservoir Capacity (c.c.)	Usable Oil Capacity (c.c.)	Motor	Max. Pressure Output (psi)	Valve		Oil Del. (c.c./min. @)*(60Hz)			
							Type	Function	0(psi)	100(psi)	5000(psi)	10000(psi)
EP13S EP13SS*	Single	2860 / 3450	3,000	2,400	0.45 kW 110V / 220V	10,000	2 Position / 2 Way	Hold /Retract	4,000	2,800	330	280
EP13D EP13DS*	Double	2860 / 3450	3,000	2,400	50 / 60 Hz Single Phase							

Model No.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H	J (mm)	Weight (kg)
EP13 Series	511.5	148.5	295.5	251	406	206.5	149.4	3/8"-NPT	485	27

* Solenoid Valve version.

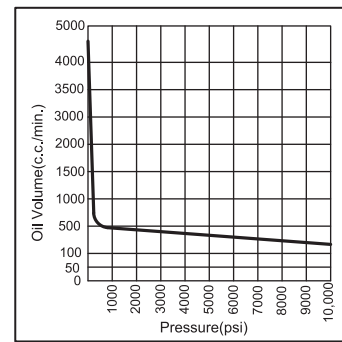
** The weight is excluding the hydraulic oil.



MODEL: EP18 SERIES

ELECTRIC PUMPS, 8 LITER,
700 BAR/10,000psi

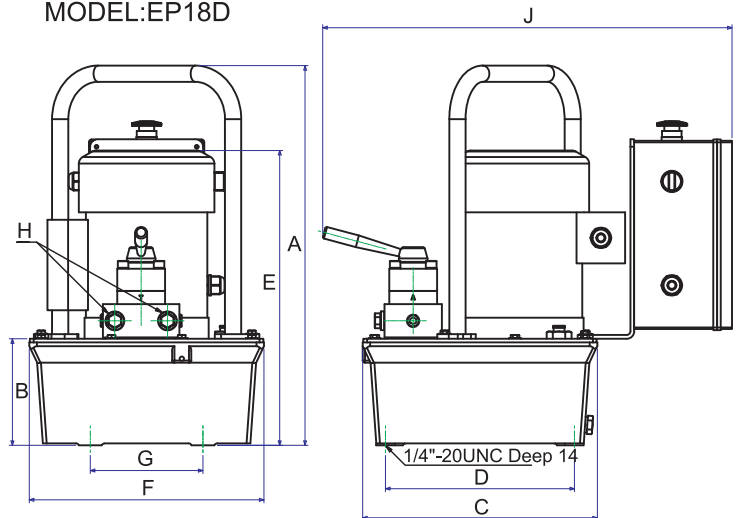
EP18



FEATURES

- Original pumps are built with 1/2 HP, 220V, 50/60Hz, Single phases universal brushless motor.
- Internal relief valve (700 bars) protects the components and work safety.
- Pumps are included with 24V, 3 meters remote control cord.
- Quiet pumps comply OSHA noise limitation (80dBA at 700bar).
- EP18D specially designed for double-acting cylinders without the need for additional control valve and adapters.
- Conform to CE standards.
- **Both models are available with Solenoid Valve version.**

MODEL:EP18D



SPECIFICATION

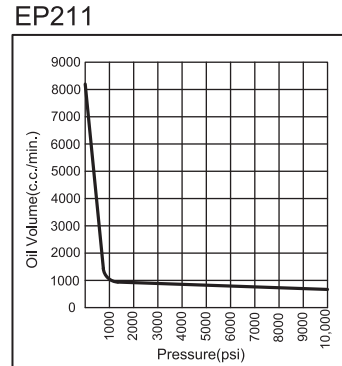
Model No.	Acting	RPM 50/60 Hz	Reservoir Capacity (c.c.)	Usable Oil Capacity (c.c.)	Motor	Max. Pressure Output (psi)	Valve		Oil Del. (c.c./min. @)*(60Hz)			
							Type	Function	0(psi)	100(psi)	5000(psi)	10000(psi)
EP18S	Single	2860 / 3450	8,000	7,200	0,45 kW 110V / 220V 50 / 60 Hz Single Phase	10,000	2 Position / 2 Way	Hold /Retract	4,000	2,800	330	280
EP18D	Double	2860 / 3450	8,000	7,200					3 Position / 4 Way	Adv./Hold /Retract	4,000	2,800

Model No.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H	J (mm)	Weight (kg)
EP18 Series	504	141.5	311.6	251	391.5	311.6	149.4	3/8"-NPT	543.5	32

* Solenoid Valve version.

** The weight is excluding the hydraulic oil.

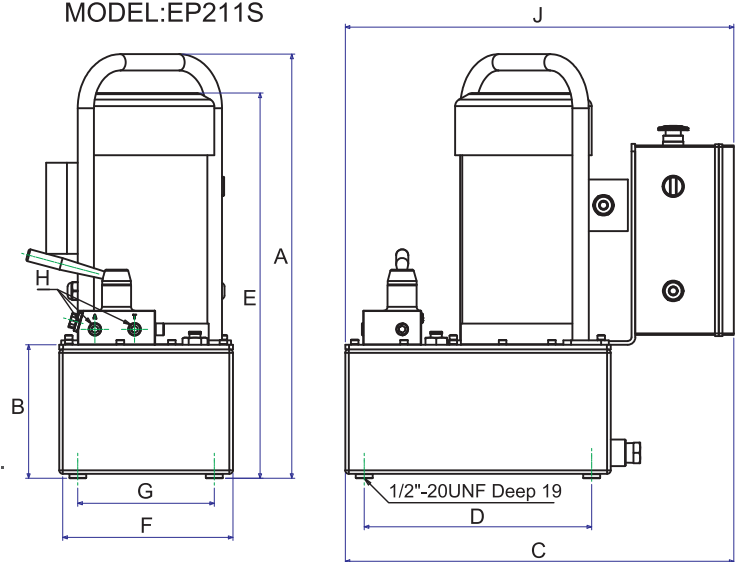
MODEL: EP211 SERIES
ELECTRIC PUMPS, 11 LITER,
700 BAR/10,000psi



FEATURES

- Original pumps are built with 1 1/2 HP, 220V, 50/60Hz, Single phases universal brushless motor.
- Internal relief valve (700 bars) protects the components and work safety.
- Pumps are included with 24V, 3 meters remote control cord.
- Quiet pumps comply OSHA noise limitation (80dBA at 700bar).
- EP211D specially designed for double-acting cylinders without the need for additional control valve and adapters.
- Conform to CE standards.
- Both models are available with Solenoid Valve version.**

MODEL:EP211S



SPECIFICATION

Model No.	Acting	RPM 50/60 Hz	Reservoir Capacity (c.c.)	Usable Oil Capacity (c.c.)	Motor	Max. Pressure Output (psi)	Valve		Oil Del. (c.c./min.@)*(60Hz)			
							Type	Function	0(psi)	100(psi)	5000(psi)	10000(psi)
EP211S	Single	2860 / 3450	11,000	9,500	1.12 kW 110V / 220V 50 / 60 Hz Single Phase	10,000	2 Position / 2 Way	Hold /Retract	8,200	7,400	840	750
EP211SS*												
EP211D	Double	2860 / 3450	11,000	9,500	1.12 kW 110V / 220V 50 / 60 Hz Single Phase	10,000	3 Position / 4 Way	Adv./Hold /Retract	8,200	7,400	840	750
EP211DS*												

Model No.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H	J (mm)	Weight (kg)
EP211 Series	559	176	515.5	300	391.5	224.4	180	3/8"-NPT	515.5	40

* Solenoid Valve version.

** The weight is excluding the hydraulic oil.

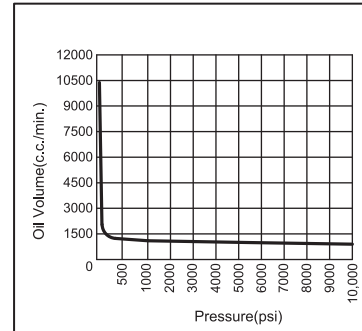
MODEL: EP320 SERIES

ELECTRIC PUMPS, 1.48KW, 20 LITER
700 BAR/10,000psi



EP320D

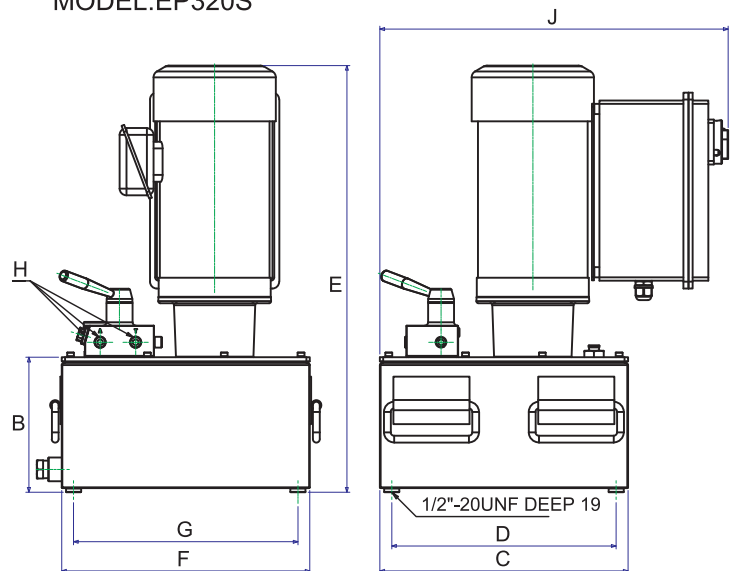
EP320



FEATURES

- Original pumps are built with 1.48KW, 220/380V, 50/60Hz, 3 phases universal brushless motor.
- Internal relief valve (700 bars) protects the components and work safety.
- Pumps are included with 24V, 3 meters remote control cord.
- Quiet pumps comply OSHA noise limitation (80dBA at 700bar).
- EP320D specially designed for double-acting cylinders without the need for additional control valve and adapters.
- Internal relief valve limits pressure to 10,000 psi. External relief valve is adjustable from 1,000 to 10,000 psi.
- Conform to CE standards.
- Both models are available with Solenoid Valve version.**

MODEL:EP320S



SPECIFICATION

Model No.	Acting	RPM 50/60 Hz	Reservoir Capacity (c.c.)	Usable Oil Capacity (c.c.)	Motor	Max. Pressure Output (psi)	Valve		Oil Del.(c.c./min.@)*(60Hz)			
							Type	Function	100(psi)	1000(psi)	5000(psi)	10000(psi)
EP320S	Single	1435 / 1735	20,000	18,000	1.48 kW 220V / 380V 50 / 60 Hz 3 Phase	10,000	2 Position / 2 Way	Hold /Retract	9,500	1,020	980	900
EP320SS*												
EP320D	Double	1435 / 1735	20,000	18,000	1.48 kW 220V / 380V 50 / 60 Hz 3 Phase	10,000	3 Position / 4 Way	Adv./Hold /Retract	9,500	1,020	980	900
EP320DS*												

1.48KW, 220V, 50Hz, Single Phase motor is also available for all models.

Model No.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H	J (mm)	Weight (kg)
EP320 Series	—	198.5	365	330	627.5	365	330	3/8"-NPT	512	56

* Solenoid Valve version.

** The weight is excluding the hydraulic oil.

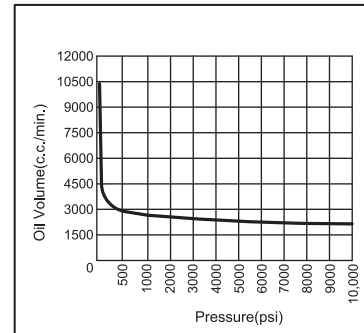
MODEL: EP420 SERIES

ELECTRIC PUMPS, 2.24KW, 20 LITER
700 BAR/10,000psi



EP420DS

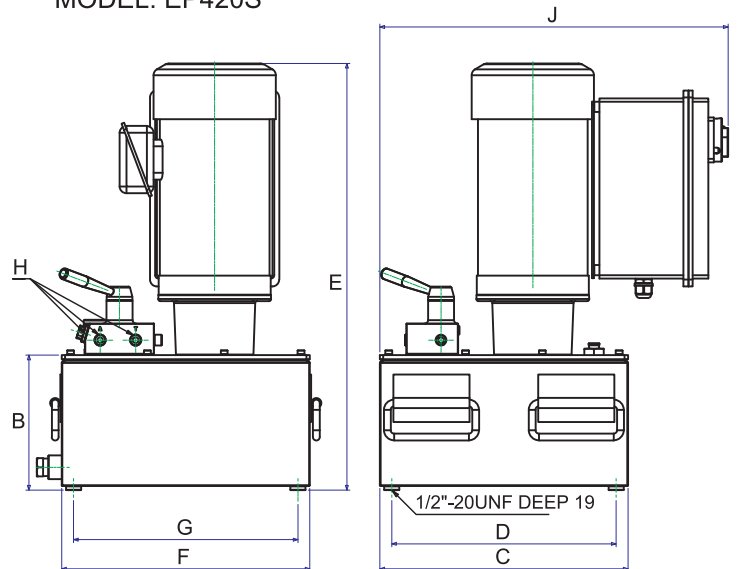
EP420



FEATURES

- Original pumps are built with 2.24KW, 220/380V, 50/60Hz, 3 phases universal brushless motor.
- Internal relief valve (700 bars) protects the components and work safety.
- Pumps are included with 24V, 3 meters remote control cord.
- Quiet pumps comply OSHA noise limitation (80dBA at 700bar).
- EP420D specially designed for double-acting cylinders without the need for additional control valve and adapters.
- Internal relief valve limits pressure to 10,000 psi. External relief valve is adjustable from 1,000 to 10,000 psi.
- Conform to CE standards.
- Both models are available with Solenoid Valve version.**

MODEL: EP420S



SPECIFICATION

Model No.	Acting	RPM 50/60 Hz	Reservoir Capacity (c.c.)	Usable Oil Capacity (c.c.)	Motor	Max. Pressure Output (psi)	Valve		Oil Del.(c.c./min.@)*(60Hz)			
							Type	Function	100(psi)	1000(psi)	5000(psi)	10000(psi)
EP420S	Single	1435 / 1735	20,000	18,000	2.24 kW 220V / 380V 50/60 Hz	10,000	2 Position / 2 Way	Hold /Retract	9,500	2,450	1,950	1,800
EP420SS*												
EP420D	Double	1435 / 1735	20,000	18,000	3 Phase	10,000	3 Position / 4 Way	Adv./Hold /Retract	9,500	2,450	1,950	1,800
EP420DS*												

Model No.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H	J (mm)	Weight (kg)
EP420 Series	—	198.5	365	330	627.5	365	330	3/8"-NPT	512	65

* Solenoid Valve version.

** The weight is excluding the hydraulic oil.

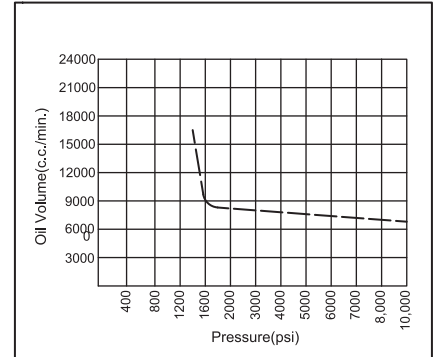


MODEL: EP5100

USABLE OIL CAP. :80L

OIL CAPACITY: 100L

EP5100

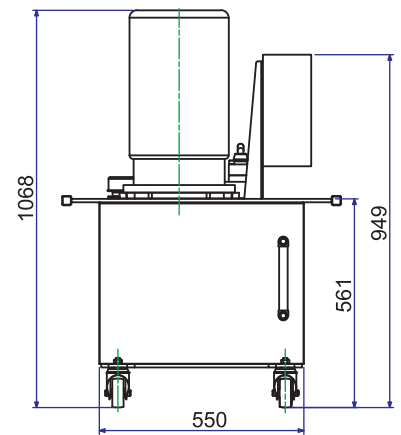
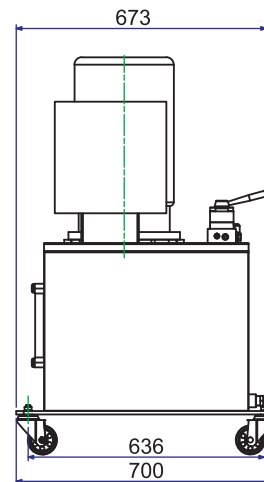
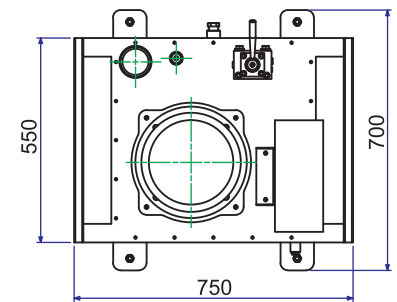


EP5100DS

EP5100D

FEATURES

- Dual-speed high output pump delivers up to 16 l/min of oil.
- Low noise level of 73 - 80 dBA.
- Pump prewired at factory with 7.46kW, 380V, 50 Hz, 3 phase universal brushless motor.
- 24 volt control circuits on units with remote controls for user/operator safety.
- 3 phase motor with thermal overload protection and has all the electric components necessary to operate the pump.
- Power switch are 24 volts. EP5100D has a 4-way/3-position manual valve. EP5100DS has a 4-way/3-position solenoid valve with a 24 volt remote switch.
- 100L (80L usable) reservoir has a low oil level sight gauge.



SPECIFICATION

Model No.	RPM	Reservoir Capacity (liter)	Usable Oil Capacity (liter)	Motor	Max. Pressure Output (psi)	Amp Draw @10,000psi	Valve		Oil Del. (liter/ min. @)*			
							Type	Function	220(psi)	1300(psi)	5000(psi)	10000(psi)
EP5100D	1437	100	80	7.46kW/ 380V 50 Hz / 3 phase	10,000	6	3 Position / 4 Way	Adv./Hold /Retract	16	14	6	5.6
EP5100DS												

Model No.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Weight* (kg)
EP5100 series	1069	561	550	700	636	750	240

* The weight is excluding the hydraulic oil.