PUMPS & COUNTER CURRENT 02/21

VARIABLE FREQUENCY DRIVE

The new frequency variable speed drive E-MOTION is a new control system by frequency modulation to enjoy great comfort and minimize the operating costs. Complies with the new IE2 drive efficiency standard.

Technical features

Why choose E-MOTION?

E-MOTION are extremely robust frequency inverters designed for continuous and intensive use. It has very simple software to program, combined with precise adjustments, which make up a technologically advanced, user-friendly system, capable of operating in 100% of the installations.

Main advantages

- Start-up wizard, very easy to program
- Constant pressure in the installation
- Removes all vibrations and noise in the pipes
- Reduces the energy consumption by up to 80%
- Compatible with all pumps on the market
- Communicates with up to 8 inverters

MT2-11 & TT3-11

WALL MOUNT SUPPORT KIT FOR E-MOTION 11A:

This optional accessory allows the MT2-11 and the TT3-11 frequency inverters to be mounted on a wall and includes a single fan to cool the drive while in operation.

TT3-30

WALL MOUNT SUPPORT KIT FOR E-MOTION 30A:

This optional accessory allows the TT3-30 E-MOTION drive to be mounted on a wall and includes a twin fan system to cool the drive while in operation.

Models

PRODUCT CODE	MOTOR CONSUMPTION A	MOTOR POWER kW	POWER SUPPLY V	PUMP SUPPLY V	INVERTERS COMMUNICATION	DIMENSIONS	WEIGHT kg	VOLUME m³
MT2-11	11	2.2	1 X 230 (1 ~)	3 X 230 (3 ~)	Up to 8 inverters	230 x 183 x 149	3	0.006
TT3-11	11	4	3 X 400 (3 ~)	3 X 400 (3 ~)		230 x 183 x 149	4	0.007
TT3-30	30	15	3 X 400 (3 ~)	3 X 400 (3 ~)		316 x 276 x 198	5	0.008
E-MOTION 11A	WALL MOUTED SUPPORT FOR INVERTERS AND WALL SUPPORT UP TO 11A						0.5	0.003
E-MOTION 30A	WALL MOUTED SUPPORT FOR INVERTERS AND WALL SUPPORT UP TO 30A						0.75	0.004

	DESCRIPTION	MT2-11	TT3-11	TT3-30
Power Supply	Voltage (V) (+10/-20%)	1 X 230 (1 ~)	3 X 400 (3 ~)	3 X 400 (3 ~)
	Frequency (Hz)	50-60	50-60	50-60
	Max consumption (A)	20	12	31
Inverter Output	Voltage (V) (+10/-10%)	3 X 230 (3 ~)	3 X 400 (3 ~)	3 X 230 (3 ~)
	Phases	3	3	3
	Maximum frequency (Hz)	60	60	60
	Motor power supply (KVA)	3	5.5	20
	Mechanical power (P2)	3 HP / 2,2 kW	5,5 HP / 4 kW	20 HP / 15 kW
Packing	Weight (Kg)	3.5		5
	Dimensions (mm)	330 x 230 x 170		330 x 295 x 210
Installation	Protection rating (IP)	IP55		
	Type of action	2B		
	Operation	S1		
	Grounding system distribution	IT, TN-C, TN-S, TT		
	Maximum ambient temperature	+40ºC		
	Ambient humidity	5% - 95%		
	Maximum altitude (mts)	2000		
	Minimum section for wire supply (mm²)	2.5		6
	Maximum working pressure (bar)	40		

PUMPS & COUNTER CURRENT

Your global partner since 1974. Trusted for superior quality and exceptional innovations.

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