



KBE2 Series Drives

- Compact
- Simple
- Low Cost
- Easy to Install
- Easy to Operate



- 3-digit LED Display
- Digital Keypad
- Remote Control operation via isolated terminals
 - Stop/Start
 - Forward/Reverse
 - Analogue
 - Input/Output

electric motors, generators, trailing cables & pumps - sales, service & repairs
571 Grand Junction Road Gepps Cross, SA 5094
☎ (08) 8162 5957 including after hours emergencies
Fax: (08) 8162 5058
info@aemgroup.net.au
www.aemgroup.net.au

Three phase motor control

for all applications

up to 2.2kW

from your

single phase

power supply

Electrical Ratings, KBE2 Panel Mount.

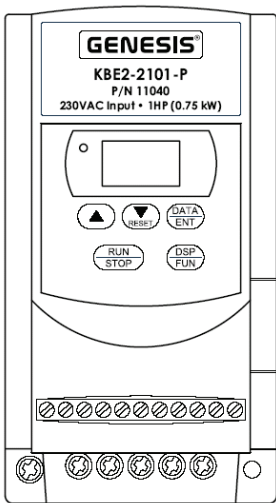
Rated Power kW	Nominal AC Line Input Voltage	Input Phases	Maximum Continuous Output Current	Model	Dimensions (W x H x D) mm
0.37	240	1	2.3 AMP	KBE2-2150-P-F	72 x 132 x 118
0.75	240	1	4.2 AMP	KBE2-2101-P-F	72 x 132 x 118
1.5	240	1/3	7.5 AMP	KBE2-2202-P-F	118 x 143 x 172
2.3	240	1/3	10.5 AMP	KBE2-2203-P-F	118 x 143 x 172

Standard Features

Enclosure Type	IP20
LED Digital Display with Keypad	3 Digits
Multifunction Control Inputs	2 Inputs
Preset Speeds and Jog	3 S speeds
Isolated Remote Signal Inputs	Y
Manual or Automatic Start	Y
Regenerative and DC Injection Braking	Y
Preset V/Hz Curves with Program Modification	Y
Diagnostics with Fault Codes	Y
Output Relay	Y
DIN Rail Mounting	Option

Protection Features

Over-voltage/Under-voltage	Y
Regenerative	Y
Stall	Y
Phase-to-Phase Short Circuit	Y
Phase-to-Ground Short Circuit	Y
Over-temperature	Y
I2t Motor overload	Y



Performance Specifications

kW Range (HP)	0.18-2.3 (1/4-3)
Frequency Range (Hz)	0.1-200
Switching Frequency Range (kHz)	4-16
Frequency Resolution (Hz)	0.1
Accel/Decel Range (Seconds)	0.1-999
Over-voltage Trip Point @ 240 VAC	290
Under-voltage Trip Point @ 240 VAC	140
Maximum Vibration (G)	1
AC Line input Voltage range (VAC)	115 and 208/230 (±15%)
Input Line Frequency range (Hz)	48-62
Output Waveform	Sine Coded PWM
Overload Rating (%)	150% for 1 Minute
Operating Temperature Range (°C)	-10 to 50
Humidity (Relative %)	0-95 (Non Condensing)
Remote Analogue Signal Input	0-10 VDC, 4-20 mADC, 0-20 mADC
Output Relay Contact Rating	1 Amp @ 30 VDC, 250 VAC
Analogue Output Voltage (VDC)	0-10
Approvals	CE, C-Tick