

# KBMA

## Analog AC Drive

- All Aluminum NEMA-1 / IP-50 Enclosure
- Flux Vector Compensation with Static Auto-Tune and Boost
- Easy to Operate, Out of the Box
- Input 115/230V
- 200% Starting Torque
- Horsepower Range  
1/8 HP – 1 HP
- On/Off AC Line Switch
- Multi-Function  
Output Relay Contacts
- GFCI Compatible  
w/Factory Programming
- Run/Fault Relay  
Output Contacts
- UL, cUL and CE Approved
- **Build-A-Drive Options:**
  - Forward-Stop-Reverse Switch
  - Class "A" (CE) RFI Filter



Automation and Control

KB Electronics, Inc.  
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# Ratings and Weights

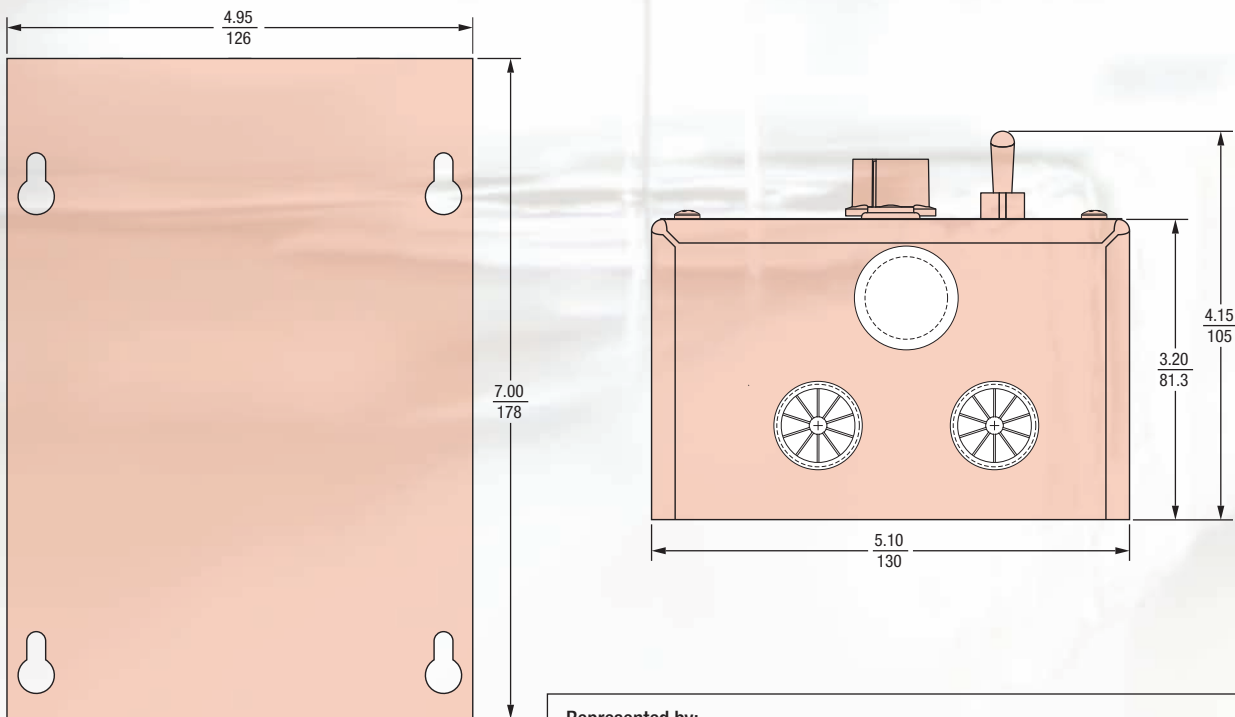
115/230 VAC 1-Phase Input • 230 VAC 3-Phase Output

Model No.	Ratings		Net Weight	
	HP, (kW)	Amps	Lbs.	kg
KBMA-24D	1, (0.75)	3.6	2.42	1.09
KBMA-24DF	1, (0.75)	3.6	2.48	1.12

## Specifications

Maximum Load (% of Current Overload for 2 Minutes)	150
Carrier, Switching Frequency (kHz)	16, 8
Output Frequency Resolution (Bits, Hz)	10, 0.06
Minimum Output Frequency to Motor (Hz)	0.3
Acceleration Time (Seconds)	0.3 – 20
Deceleration Time (Seconds)	0.3 – 20
Speed Range (Ratio)	60:1
Speed Regulation (30:1 Speed Range, 0 – Full Load) (% Base Speed)	2.5
Stalled Motor Trip Time (Seconds)	6
Braking Variable Torque Standard	DC Injection
Braking Constant Torque Optional	DC Injection
Operating Temperature Range (°C / °F)	0 – 40 / 32 – 104
Storage Temperature (°C / °F)	-25 – +85 / -13 – +185

## Dimensions – (Inches/mm)



Represented by:



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