

# KBAC

## Analog AC Drive

A Superior Shaft Turner

All Aluminum NEMA-4X/IP-65 Enclosure

- Easiest Drive to Use, Right Out of the Box
- No Programming Required  
*Average setup time: less than 10 minutes*
- No Complicated Terms to Understand
- Voltage Input 115/230/460 VAC  
1 & 3-Phase 50/60 Hz
- Output 230/460 VAC 3-Phase
- Motors 1/8 – 5HP
- Powerful 200% Starting Torque
- Run Relay
- GFCI Compatible\*

### Drive Options

- On/Off AC Line Switch 1 & 3-Phase
- Class “A” (CE) RFI Filter
- Forward-Stop-Reverse Switch
- Signal Isolator w/Auto-Manual Switch
- Liquidtight Fittings

*\*w/Factory Programming*



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Automation and Control

## Ratings and Weights

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

Model No.	Ratings		Net Weight		Case
	HP, (kW)	Amps	Lbs.	kg	
KBAC-24D	1, (0.75)	3.6	5.9	2.7	A
KBAC-27D	2, (1.5)	6.7	10.3	4.7	B

### 230 VAC 1-Phase Input • 230 VAC 3-Phase Output

Model No.	Ratings		Net Weight		Case
	HP, (kW)	Amps	Lbs.	kg	
KBAC-29 (1P)	3, (2.25)	9.0	10.3	4.7	B

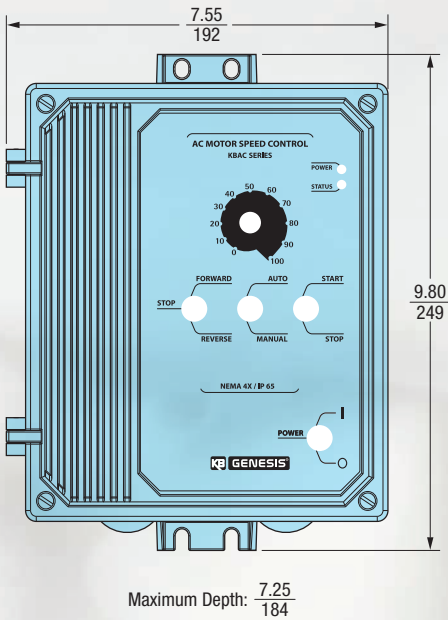
### 230 VAC 3-Phase Input • 230 VAC 3-Phase Output

Model No.	Ratings		Net Weight		Case
	HP, (kW)	Amps	Lbs.	kg	
KBAC-29	3, (2.25)	9.0	10.3	4.7	B

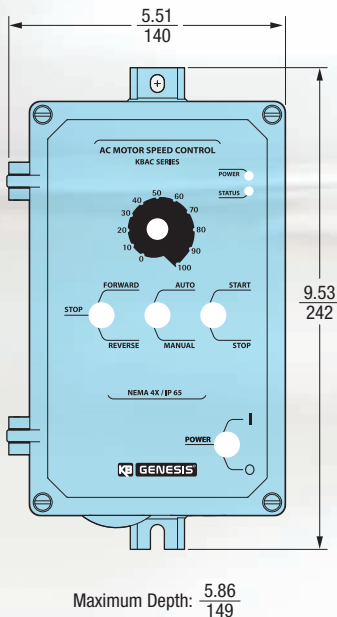
### 460 VAC 3-Phase Input • 460 VAC 3-Phase Output

Model No.	Ratings		Net Weight		Case
	HP, (kW)	Amps	Lbs.	kg	
KBAC-45	3, (2.25)	4.6	10.3	4.7	B
KBAC-48	5, (3.75)	8.3	10.3	4.7	B

Case "B" – (Inches/mm)



Case "A" – (Inches/mm)



## 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

Represented by:



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