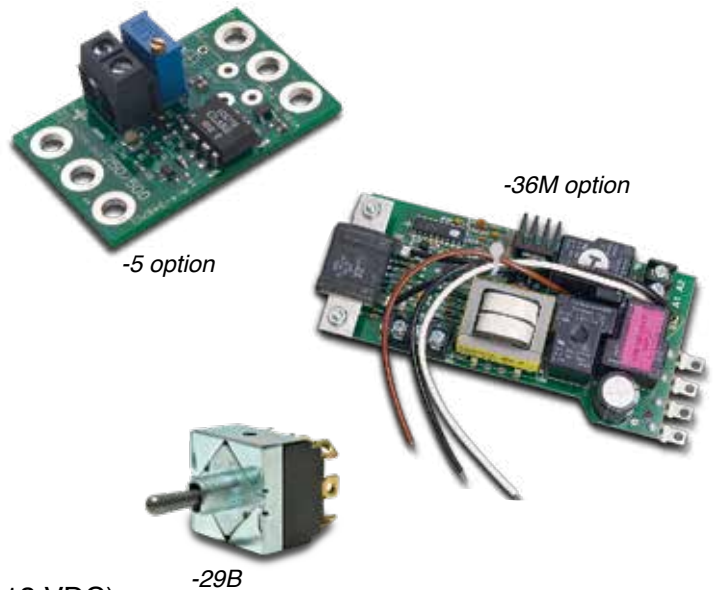


# 530 Series Features + Specifications

- Dual Voltage 120/240 VAC, 50/60Hz
- Full HP rated - no auxiliary heat sink required
- ± 10% rated line voltage
- Adjustable horsepower settings
- Barrier terminal strip
- Full wave bridge supply; 1% speed regulation
- Adjustable Minimum speed (0–30% of base)
- Adjustable Maximum speed (60–120% of base)
- Adjustable IR Compensation
- Adjustable Current Limit
- Adjustable Linear Acceleration and Deceleration
- On-board power interrupt relay (RC and RE versions)
- Solid state over-current output
- -10° to +45°C ambient temperature
- Line voltage compensation
- 5K ohm speed potentiometer kit included
- 50:1 speed range
- Overload capacity: 200% for one minute
- Transient voltage protection
- Voltage follower mode - isolated signal (0–12 VDC)
- Inhibit circuit—permits low power start & stop

Model	Width	Length	Depth	Weight
530 enclosed	6.70 in [17.02 cm]	10.0 in [25.40 cm]	4.75 in [12.07 cm]	56.0 oz [1.42 kg]
530 chassis	6.70 in [17.02 cm]	9.00 in [22.86 cm]	2.00 in [5.08 cm]	40.0 oz [1.13 kg]

## Options:



Base Model						Options									
Model	Supply Voltage	Motor Voltage	Current	HP	Body	-4	-5	-7	-15A	-29B	-36M	-36MA	-38M	-38MA	
530BC	120 VAC	90 VDC	10 ADC	1/8-1	C	N/A	✓	✓	F	✓	F	F	F	F	
	240 VAC	180 VDC		1/4-2											
530BRC	120 VAC	90 VDC	10 ADC	1/8-1	C	N/A	✓	✓	F	✓	F	F	F	F	
	240 VAC	180 VDC		1/4-2											
533BC	120 VAC	90 VDC	15 ADC	1.5	C	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	240 VAC	180 VDC		3.0											
530BRE	120 VAC	90 VDC	10 ADC	1/8-1	E	F	N/A	F	F	✓	F	F	F	F	
	240 VAC	180 VDC		1/4-2											

C – open chassis

E – NEMA 4 enclosed

✓ - Option is available

F – Option is available as Factory Installed only

N/A – Option Not available

## Option Description:

- 4: Run/Jog feature- enclosed models only
- 5: Isolated 4-20mA signal follower input - loop power NOT provided
- 7: Same as -5 option, with provision to add manual speed pot for Auto/Manual operation
- 15A: Extended linear Acceleration & Deceleration to 30 seconds
- 29B: 4PDT center block (no pass) switch motor reversing. Cuts off supply power while changing motor direction
- 36M: Anti-plug/zero speed detect relay reverse with dynamic brake. Renders main drive to single voltage (120VAC/90VDC)
- 36MA: Same as -36M, with heavy duty dynamic brake resistor. For high cycle / high inertia load \ applications
- 38M: Same as -36M except renders main drive to single voltage (240VAC/180VDC)
- 38MA: Same as -38M, with heavy duty dynamic brake resistor. For high cycle / high inertia load applications