

# ServoNOW™

Easy to use Servo Motor with Controller  
Universal Power: 110-220 VAC, 50-60 Hz

The **ServoNOW™** is a complete motor and programmable control system in one package. Motion is programmed into the servo controller with easy to use software that can be loaded on any PC. Once programmed, the **ServoNOW™** operates without the host PC performing the programmed motions. The programmed motions are selected based on the status of the digital inputs or switches connected to the **ServoNOW™**. Analog inputs can also be selected and setup to control the position or velocity of the system when desired. Because this is a servo system it has extremely good control of the speed and position of the motor despite large variations or fluctuations in the load. This result is exceptionally good control, even at low speed, of devices like actuators, pumps, conveyors and automated equipment as compared to other control methods.

## Benefits:

- Complete programmable servo system: motor, controller and feedback in one package
- Easy setup with indexing type command structure
- 110/220VAC universal power, anywhere in the world
- Programmable positioning and velocity control
- Define and program motion with a few mouse clicks
- Setup with standard PC and free host software
- Select programed motion with switch or digital I/O
- Work with common digital interfaces 5-24 VDC
- Includes 24 VDC 40 mA for standalone operation
- Plug and Play out of the box

## Ideal for customers who are users of:

- Speed controlled motors
- Motors using start/stop relays with brakes
- Pneumatic cylinders with control position
- Linear slides and ball screws
- Clutch brakes
- PLC's and simple switch logic or relay logic equipment



## ServoNOW™

## Industries which will benefit from the ServoNOW™ are:

- Packaging Equipment
- Factory Automation
- Laboratory Automation
- Peristaltic & Metering Pumps
- Specialty Machinery
- Conveyors
- Indexing Applications
- Winders
- Dispensers
- Valves
- Rotating Signs
- Gates



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## Key Features

- 34 C Face Mount & Side Mount
- 5 Different Models
- Speeds 0 to 6900 rpm
- Peak Torque 300 oz-in
- 6-Digital Inputs, 6-Digital Outputs, 1-Analog Input, 1 Analog Output
- Programmable I/O: 5-24 Volts, Current Sourcing, Current Sinking
- Position Resolution 4096 cnts/rev
- 32 Index Motion Profiles



Models	34 Frame Short Stack Motor		34 Frame Medium Stack Motor		34 Frame Long Stack Motor
	050-199-0005 High Speed	050-199-1005 High Torque	050-199-2005 High Speed	050-199-3005 High Torque	050-199-4005 High Torque
Rated Voltage	110/220	110/220	110/220	110/220	110/220
Rated HP	0.40	0.24	0.50	0.38	0.54
Peak HP	0.55	0.31	0.58	0.48	0.63
Rated Watts	300	178	370	281	401
Peak Watts	409	229	431	355	468
Rated Torque	75	90	90	160	195
Peak Torque	140	215	165	310	305
Rated RPM	5417	2677	5559	2374	2778
Peak RPM	6900	3600	6900	3600	3600
Rated Amps	6.5 / 3.3	4.5 / 2.3	6.8 / 3.4	6 / 3	7.5 / 3.8
Peak Amps	10 / 5	10 / 5	10 / 5	10 / 5	10 / 5
Weight (lbs)	5	5	6	6	7

### Parameter Programmability:

- Input & Output Scale Factors for Defining Units of Measure for Speed & Position
- Input & Output Offsets

### Digital Inputs

- Enable/Disable Drive, Homing, 4
- Programmable Inputs

### Digital Outputs

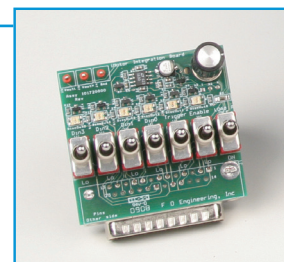
- Motor Enabled, Motor Fault, 4
- Assignable Outputs

### Analog I/O

- 1 Programmable Input (0 to 10 VDC or 4 to 20 MA, 12 bit)
- 1 Programmable Output (0 to 10 VDC or 4 to 20 MA, 12 bit)

### Additional Accessories Available:

- Interconnect Board - Output connector with screw terminals to connect input and output (I/O's)
- Integration Test Board - Tests function ability of all inputs and outputs



**BISON**  
 Gear & Engineering Corp.

Ph: 800-AT-BISON • Int'l. Ph: 1-630-377-4327  
 Email: info@bisongear.com • www.bisongear.com

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U.S. Patent Pending