

Combined Stepper Driver/Controller — continued



FOR ELECTRIC ACTUATORS SEE LINEAR MOTION SECTION

Vibratory Motors

Single-Phase

VIBTEC



- Adjustable eccentric weights for varying centrifugal force
- Enclosure protection to IP65
- Bearings specially selected to withstand high radial loads and speeds
- Terminal box has two cable entry points permitting wiring from either side

Electric external vibrators are typically used for feeding, screening, compacting, hopper evacuation, etc. Typical industries include: concrete, chemical, food, packaging and mechanical handling.

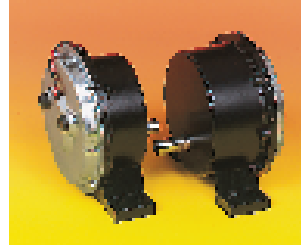
Max. CF kg	Power watts	Current Amps	Dimensions			Weight kg	Mfrs' List No.	Order Code
			H	W	D			
4	20	0.13	69	90	104	0.85	M4	703-5111
21	22	0.10	73	110	148	1.70	M20	703-5123
62	120	0.27	120	127	193	4.10	M3/65	703-5135
100	165	0.75	141	125	210	4.30	MVS13/100	703-5147
193	165	0.75	151	125	220	4.95	MVS13/200	703-5159
304	280	1.25	181	152	245	8.25	MVS13/300	703-5160
503	500	2.30	198	167	277	12.45	MVS13/500	703-5172

MOT9

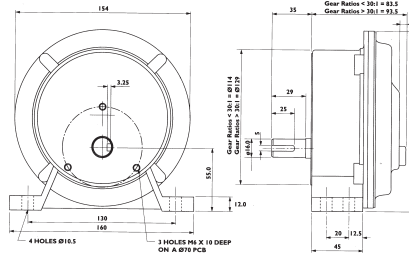
Mfrs' List No.	Order Code	Price Each				
		1+	3+	5+	10+	20+
M4	703-5111					
M20	703-5123					
M3/65	703-5135					
MVS13/100	703-5147					
MVS13/200	703-5159					
MVS13/300	703-5160					
MVS13/500	703-5172					

Pancake Motors

Motor Gearboxes
Pancake Type



- Compact, lightweight and durable motor gearbox combination
- Provides a high quality, low cost solution to suit a vast array of applications
- Ironless disc motors
- Low inductance, zero spark and exceptional brush life
- Applications include battery operated units, robots, small rewinders, etc.
- 24 Volts and 7.5 Amps supply
- Available in 6 different gear ratios



Reduction Ratio	12	25	50	78	120	206
Output shaft torque (NM)	3	7	14	23	35	61
Output shaft speed (rpm)	250	120	60	38	25	15
Instantaneous max torque (NM)	5	11	22	34	53	91
Efficiency	86	86	85	85	85	85

MOT170

Ratio	Order Code	Price Each			
		1+	3+	5+	10+
12:1	724-0739				
25:1	724-0740				
50:1	724-0752				
78:1	724-0764				
120:1	724-0776				
206:1	724-0788				

AC Motor Speed Control

AC Motor Speed Controller - 3G3JV Series
Single and 3 Phase



The 3G3JV inverter is an extremely compact, easy to use general purpose inverter and has versions available in both single phase 240V AC up to 1.5kW and three phase 200V AC up to 2.2kW

All models carry advanced features normally associated with higher cost units including configurable inputs and output terminals, DC braking, analogue output, skip built-in operator interface.

The G3GJV offers the option of OMRON's footprint RFI filter to provide compliance with the latest EMC directives.

User friendly PC based setting software offers full upload and download, filing, retrieval and printing facilities.

Features include:

- Available from 0.1kW to 2.2kW
- Single and three phase versions available
- In-built operator interface
- Built-in potentiometer
- Optional Footprint RFI filter and output choke
- CE, UL and cUL approved
- Instantaneous power interruption protection facility
- Supplied with comprehensive, easy to use, instruction manual
- RS485 communication available
- Fully adjustable v/f pattern
- Electronic thermal trip settable
- Configurable multi function Input and Output terminals
- Programmable Analogue Output
- DC Injection braking
- 2 Skip Frequencies
- Programmable S-curve
- Electronic Potentiometer
- Automatic fault retry
- 8 Pre-set speeds
- Plus many more advanced features

Input voltage (single phase)	200-240V ac, -15% to +10%, 50/60Hz
Input voltage (three phase)	200-230V ac, -10% to +10%, 50/60Hz
Operating temperature	-10°C to +50°C
Output frequency	0.1Hz to 400Hz
Overload	150% for 60 seconds
Accel/Decel	0.0 to 999 seconds separately adjustable
Degree of Protection	IP20

Dimensions	Single Phase			Three Phase		
	H	W	D	H	W	D
0.1kW	128	68	70	128	68	70
0.25kW	128	68	70	128	68	70
0.55kW	128	68	112	128	68	102
1.1kW	128	108	129	128	68	112
1.5kW	128	108	154	128	108	129
2.2kW	N/A	N/A	N/A	128	108	154