



Parameters	MCH-3B	MCH-3U	MCH-5B	MCH-5U
Drive Mode	Bipolar constant voltage	Unipolar constant voltage	Bipolar constant voltage	Unipolar constant voltage
Acceleration Time	1 msec	1 msec	1 msec	1 msec
Operating Temp. Range	0 to +40 deg. C	0 to +40 deg. C	0 to +40 deg. C	0 to +40 deg. C
Storage Temp. Range	-10 to +70 deg. C	-10 to +70 deg. C	-10 to +70 deg. C	-10 to +70 deg. C
Core Chip	PCD4511 w/NP3775	PCD4511 w/NP2671	PCD4511 w/NP3775	PCD4511 w/NP2671
Excitation Mode	Full/ Half	Full/ Half	Full/ Half	Full/ Half
External Inputs	Start/Stop, CW/CCW, Enable and ORG	Start/Stop, CW/CCW, Enable and ORG	Start/Stop, CW/CCW, Enable and ORG	Start/Stop, CW/CCW, Enable and ORG
External Output Pulse	Yes (CW/CCW)	Yes (CW/CCW)	Yes (Pulse/Dir)	Yes (Pulse/Dir)
External Outputs	BUSY, ORG, +5V	BUSY, ORG, +5V	BUSY, ORG, +5V	BUSY, ORG, +5V
Max. Setting Speed	7999 pps	7999 pps	7999 pps	7999 pps
Mechanical Sensor Inputs	Home, +/-EL, +/-SD	Home, +/-EL, +/-SD	Home, +/-EL, +/-SD	Home, +/-EL, +/-SD
Motion Profile	Continuous, Trapezoidal	Continuous, Trapezoidal	Continuous, Trapezoidal	Continuous, Trapezoidal
Motor P/N (Included)	PFCU20-40SGA2 (1/10) -03	PFCU25-24C1G (1/20)	PFCU20-40SGA2 (1/10) -03	PFCU25-24C1G (1/20)
# of Programmable Procedures	6	6	6	6
Operation Humidity	0 to 80% RH (non dewdrop)	0 to 80% RH (non dewdrop)	0 to 80% RH (non dewdrop)	0 to 80% RH (non dewdrop)
Position Counter	0 to 999,999 pulse	0 to 999,999 pulse	0 to 999,999 pulse	0 to 999,999 pulse
Power Supply (Including AC adaptor)	Input:100 to 240Vac Output: 12Vdc. 2A Vac	Input:100 to 240Vac Output: 12Vdc. 2A Vac	Input:100 to 240Vac Output: 12Vdc. 2A Vac	Input:100 to 240Vac Output: 12Vdc. 2A Vac
Rated Current	400mA/phase (700mA max./phase) A/phase	250mA/phase (400mA max./phase) A/phase	400mA/phase (700mA max./phase) A/phase	250mA/phase (400mA max./phase) A/phase
Dimensions	122 x 80 x 27mm	122 x 80 x 27mm	122 x 80 x 27mm	122 x 80 x 27mm
Weight	130g	130g	140g	140g