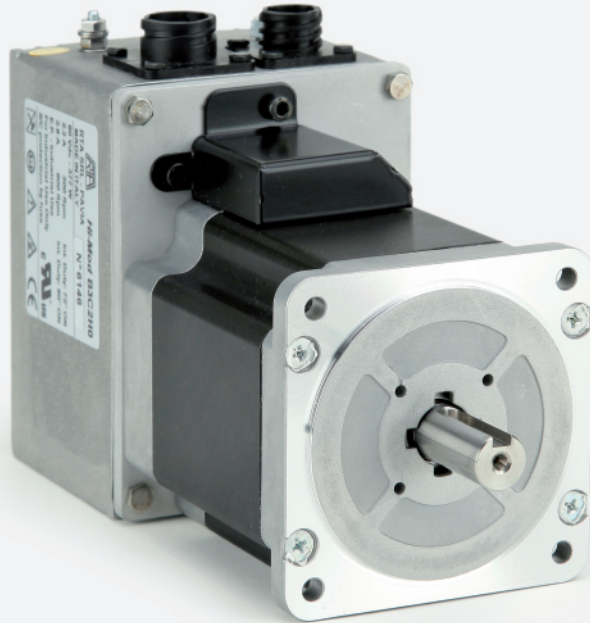


Combo Unit: **HI-MOD B**



INTRODUCTION

- Series of stepper motors with integrated ministepped bipolar chopper drives equipped with STEP & DIRECTION interface.
- Compact system housed in a metallic box mounted on motor body, minimizing dimensions and optimizing wiring and mounting easiness.
- Target: distributed electronics applications requiring great dynamic performance, high reliability and compactness.
- UL/CSA certified.

HIGHLIGHTS

- Microstepping function up to 4.000 step/rev.
- Communication by means of STEP & DIRECTION interface.
- Electronic resonance damping circuit to ensure acoustic noise and mechanic vibrations reduction at low speed.
- Available with three motor sizes NEMA 34 - □ 86 mm. (1, 2 and 3 stack). It is ideal for distributed electronics applications.

FILE NUMBER: E355001

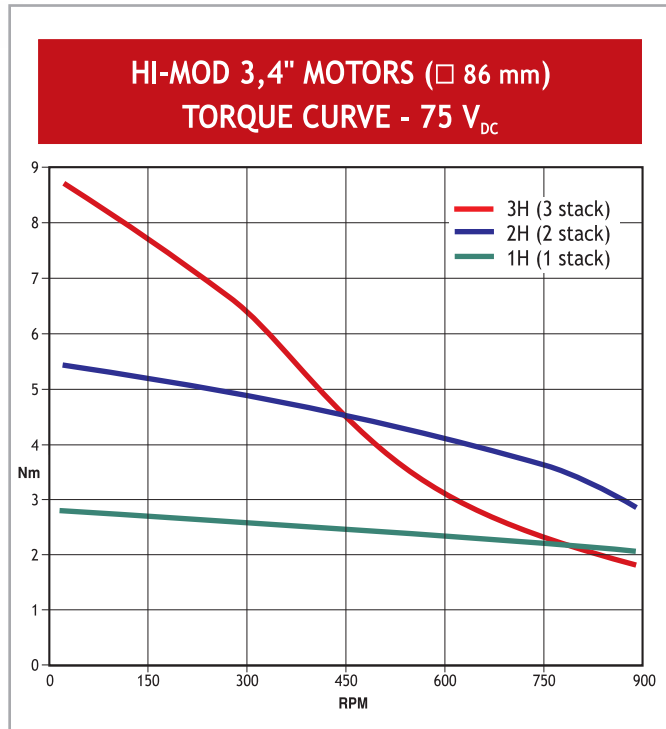


HI-MOD X₁ - X₂ - X₃ - X₄ - X₅ - n

X ₁ = Electronic features	X ₂ X ₃ X ₄ X ₅ = Motor type and power	n = Release software
B: STEP & DIRECTION	X ₂ = Maximum power X ₃ = Mechanical hardware identification X ₄ = Motor type X ₅ = Motor current	0 ÷ 9

TECHNICAL FEATURES

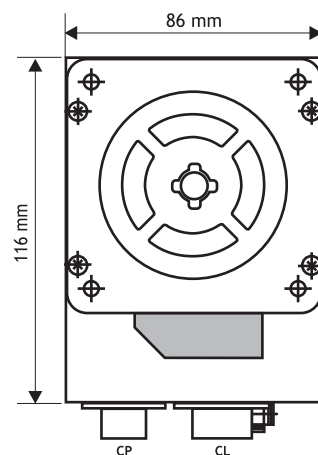
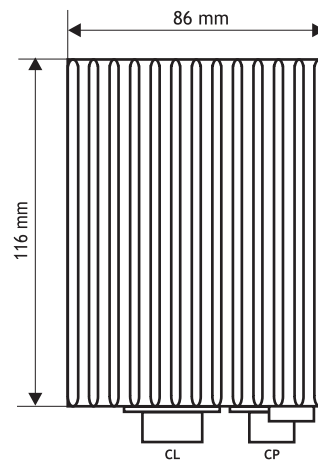
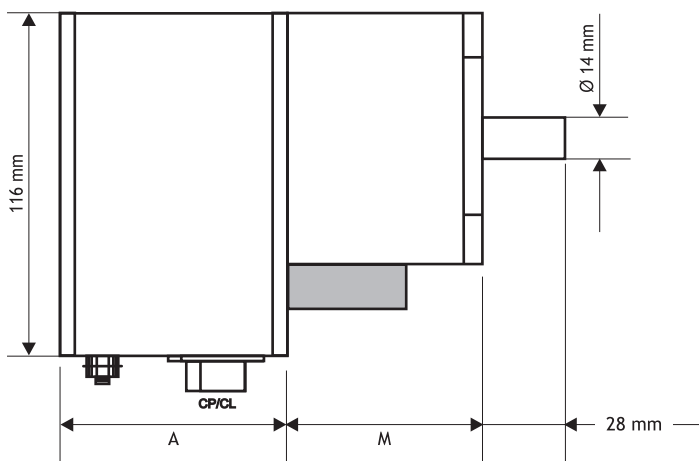
- Range of operating voltages: 32-75 V_{DC}.
- Microstepping: 400, 800, 1.600, 3.200 and 500, 1.000, 2.000, 4.000 steps /revolution. Setting by means of a rotatory dip-switch.
- Automatic current reduction at motor standstill.
- Protections:
 - Protection against under-voltage and over-voltage.
 - Protection against a short-circuit at motor outputs.
 - Overtemperature protection.
- Electronic resonance damping circuit to ensure acoustic noise and mechanic vibrations reduction at low speed.
- Optoinsulated inputs and outputs.
- High efficiency CHOPPER with MOSFET final stage output.
- UL/CSA certified.



MECHANICAL DIMENSIONS

Model	A Length (mm)
HI-MOD B	78.0

Type	M Length (mm)
1H	66.0
2H	96.5
3H	127.0



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