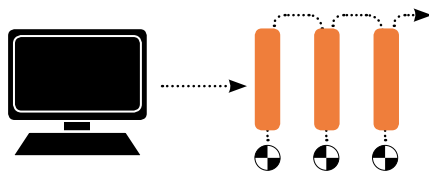


AMD2000 SERIES

Powerful, stand alone motion control

AT A GLANCE

- ▶ Wide input range from 100V to 240V, single or 3 phase
- ▶ High efficiency control for rotary and linear motors
- ▶ Industry leading EtherCAT® fieldbus
- ▶ Field upgradeable firmware
- ▶ Communicate using SoE or CoE
- ▶ Both 3A and 9A drives available with STO



Run high speed, high bandwidth,
multi-axis systems with **EtherCAT®**



SIMPLE AND EASY

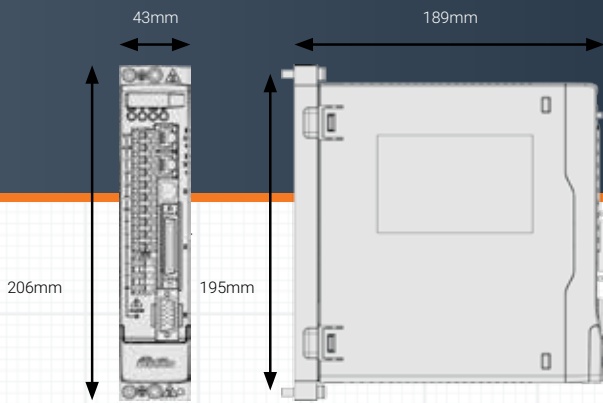
ANCA MotionBench configuration software guides you through system setup in clear and concise steps.

EVERYTHING ON-BOARD

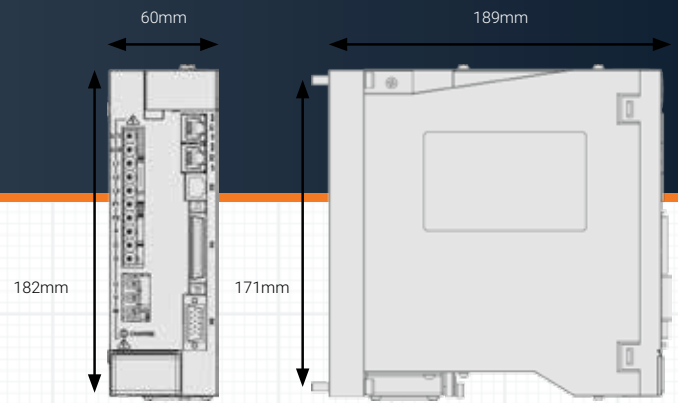
Plug and play direct from mains power with a built in 24V power supply. A stand alone solution for both rotary and linear motor control systems.

OPTIMISE YOUR SYSTEM

Customise detailed drive configuration and tuning parameters for unique applications. Stay ahead with field upgradeable firmware.



3A Drive



9A Drive

INTERACTION

- LED Display
- 4x Buttons

DIGITAL I/O SUPPLY

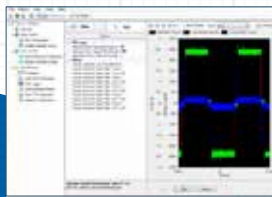
- Mains 100-240VAC input
- In-built 24VDC power supply
- 50/60Hz input
- 3ARMS or 9ARMS continuous output

CONTROL

- Linear and rotational motors
- Position, velocity and torque control
- Thermal and over-current protection

SPECIAL FEATURES

- >90% efficiency at load
- Field upgradeable firmware
- Safe Torque Off IEC 61800-5-2 (opt.)
- MotionBench configuration software
- In-built brake resistor



COMMUNICATION

- 100Mbps
- EtherCAT® fieldbus
- SoE IEC 61800-7-204 profile (opt.)
- CoE CiA 402 profile (opt.)
- Ethernet RJ-45

DIGITAL INPUT

- 8x 24V isolated inputs
- 2x RS422 inputs
- 24VDC nominal

DIGITAL OUTPUT

- 6x 24V isolated outputs
- 3x RS422 outputs

ANALOGUE INPUT

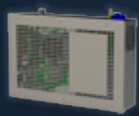
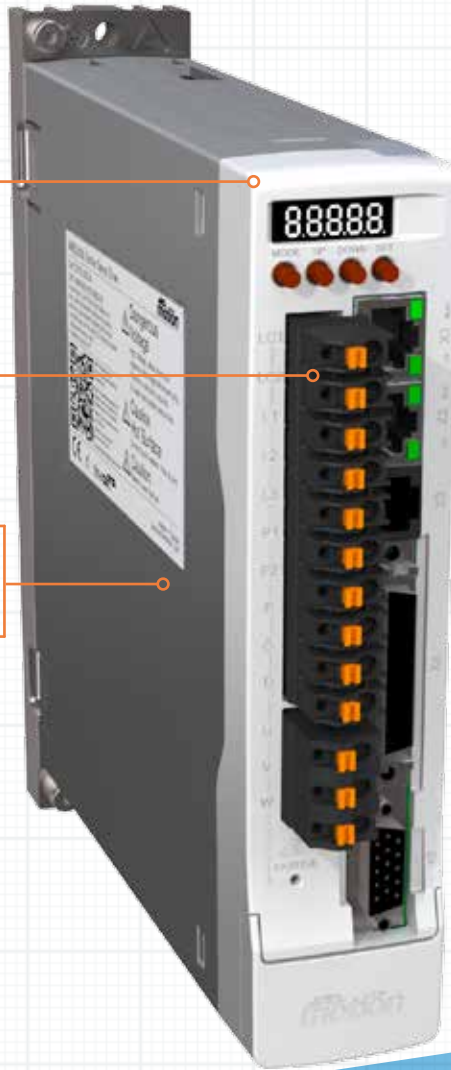
- 2 inputs
- ±10V nominal

ANALOGUE OUTPUT

- 2 output
- ±10V nominal

MOTOR INTERFACE

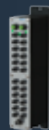
- 2 motor position feedback
- Analogue incremental encoder
- Digital incremental encoder



CNC



MOTORS



IO DEVICES



USER INTERFACES



SOFTWARE



SERVO DRIVES