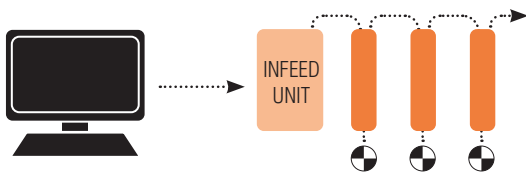


AMD5X G2 MULTI-AXIS SERVO SYSTEM

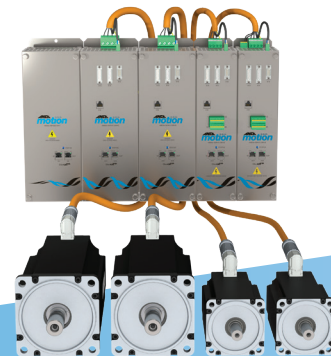
Efficient and high performance servo system for industrial applications

AT A GLANCE

- ▶ High efficiency control for rotary and linear motors
- ▶ Industry leading EtherCAT® fieldbus
- ▶ Single cable servo system
- ▶ Integrated high-speed time stamped I/Os
- ▶ Conformal coating for enhanced robustness
- ▶ Multiple cabinet mounting options for optimal thermal management



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



SIMPLE AND EASY

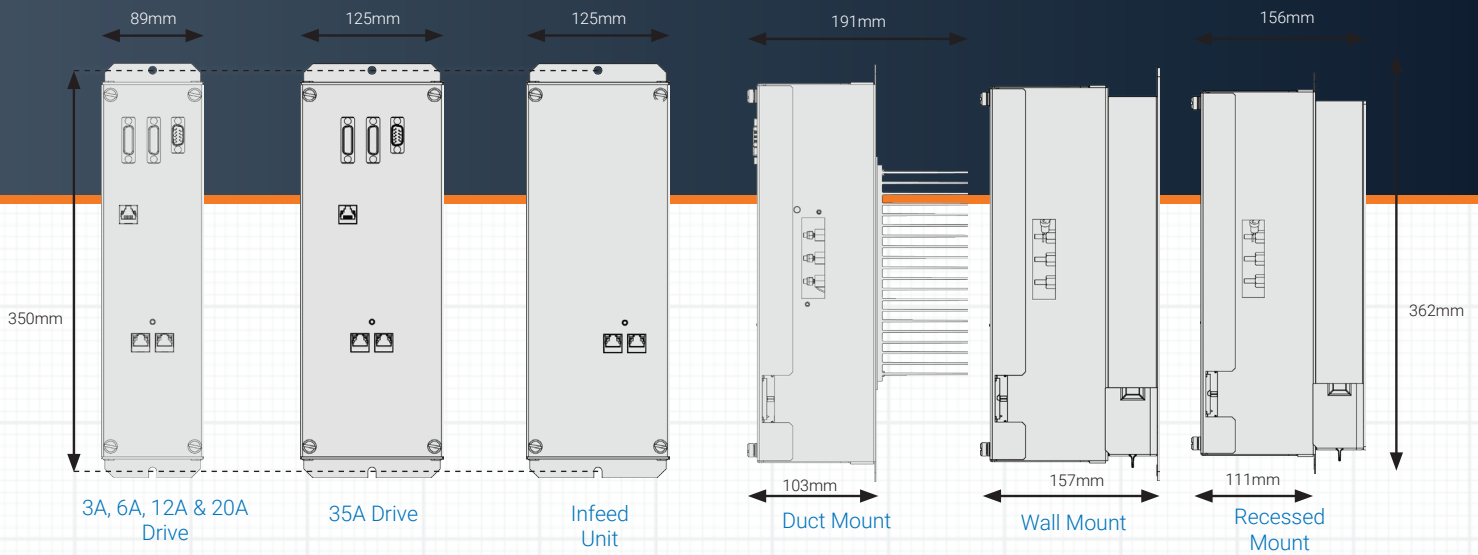
ANCA MotionBench configuration software guides you through system setup in clear and concise steps.

HIGH PERFORMANCE

Large encoder bandwidth and ultra low current sensing noise produce excellent operating characteristics.

OPTIMISE YOUR SYSTEM

Customise detailed drive configuration and tuning parameters for unique applications.



MOUNTING OPTIONS

- Duct mount
- Wall mount
- Recessed mount

DRIVE CURRENT

- 3A, 6A, 12A, 20A or 35A RMS continuous output options

DC BUS

- 600VDC
- Powered by AMD5x Infeed Unit
- Bussed system for improved efficiency

CONTROL

- Linear and rotational motors
- Position, velocity and torque control
- Thermal and over-current protection
- Ultra low current sensing noise

SPECIAL FEATURES

- Field upgradeable firmware
- MotionBench configuration software
- Efficiency higher than 98%
- Conformal coating

MOTOR INTERFACE

- Fully isolated motor temperature sensing
- Brake control

ENCODER CHANNELS

- 2x incremental analogue 1Vpp Sin-Cos
- 1x Hiperface DSL® (optional)
- 1x BiSS (optional)
- 1x incremental digital (optional)

ENCODER MONITORING

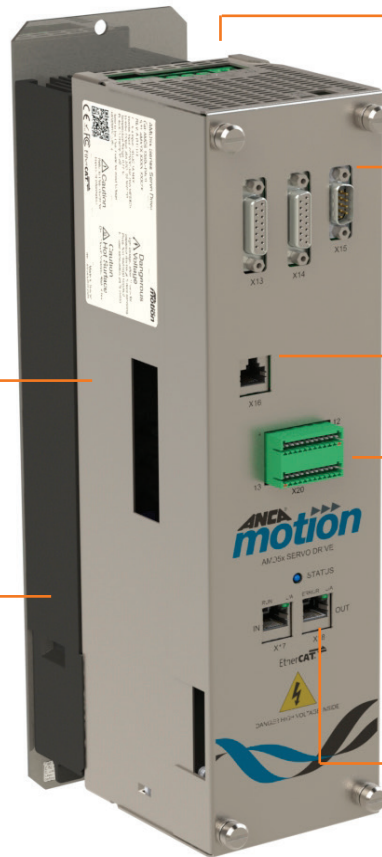
- RJ-45 connection
- Motor speed monitoring
- External safety monitoring

INTEGRATED TIME STAMPED I/O

- 2x High-speed probe inputs
- 2x High-speed digital outputs (optional)
- 8x Digital inputs (optional)
- 2x Digital outputs (optional)
- 2x Analog inputs (optional)
- 1x Analog output (optional)

COMMUNICATION

- 100Mbps
- EtherCAT® fieldbus
- SoE IEC 61800-7-204 profile
- Ethernet RJ-45



TOUCHPAD



PENDANT



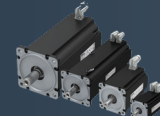
SOFTWARE



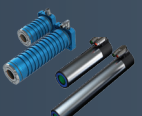
CNC



DRIVES



GAMMA MOTORS



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