

R-MOD ET Combo Unit



INTRODUCTION

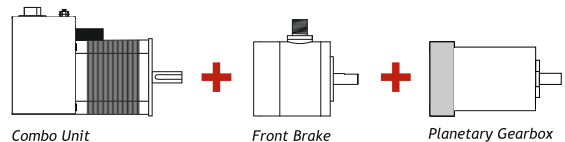
R-MOD ET is a series of stepping motors in two sizes with integrated ministep bipolar chopper EtherCAT drives, based on incremental or battery-less multi-turn absolute encoder.

HIGHLIGHTS

- New generation Full Closed Loop Absolute Encoder version available
- Holding Torque up to 300 Ncm
- Communication by means of EtherCAT interface
- Different Operation Modes
- Available Inputs
- Different HOMING operation modes
- PROXIMITY hardware input
- AUTO-SYNC function
- Battery-less Multi-turn ABSOLUTE ENCODER versions
- CSA Certified



Front Brake and/or Gearbox versions available



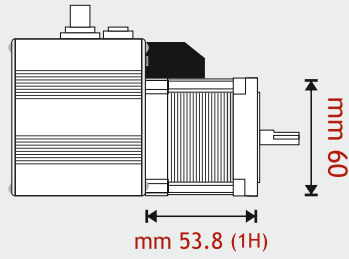
SCAN THE QR CODE TO WATCH A VIDEO ON THE AUTO-SYNC FUNCTION



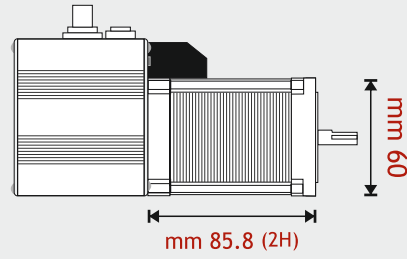
Please refer to download.rta.it for technical specifications

Models	Motor Length (mm)	Holding Torque (Ncm)	Encoder Type	Digital In/Out	Certifications
R-MOD ET A3H2MK <i>Full Closed Loop</i>	85.8	300	Battery-less Multi-turn Absolute	1/0	CE
R-MOD ET E3H2MA	85.8	300	Incremental	1/0	CE

SIZES AND PERFORMANCES



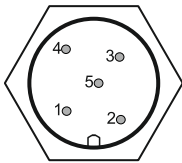
Holding Torque: 170 Ncm



Holding Torque: 300 Ncm

CONNECTION SCHEME

CN1



- 1: Input (PX / Touch probe)
- 2: Power supply
- 3: Input (PX / Touch probe)
- 4: GND
- 5: Logic power supply

CN2



EtherCAT
OUT
(Female)

CN3

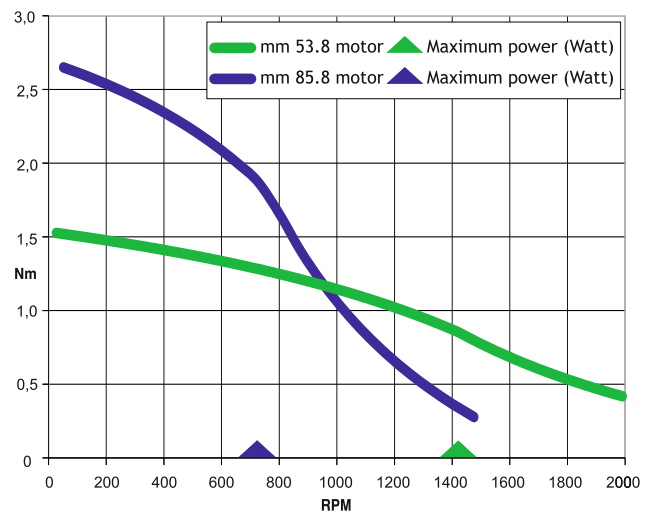


EtherCAT
IN
(Female)

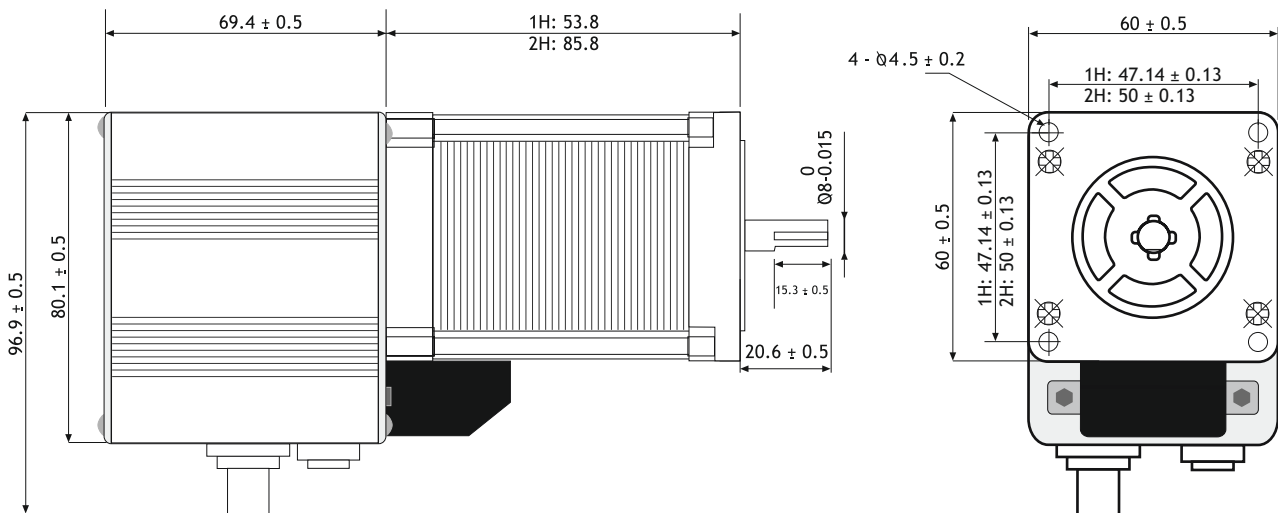
- 1: Trasmit Data +
- 2: Receive Data +
- 3: Trasmit Data -
- 4: Receive data -

TORQUE/SPEED CURVE

24 VDC TORQUE SPEED CURVE / 120 % MOTOR CURRENT SETTING



MECHANICAL DIMENSIONS (mm)



Starter kit and cable set available.



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