DynaQuip®
DYNAMIC FLUID CONTROL SYSTEMS

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MA Series Electric Actuators

The actuator of choice for high torque output applications

Electric Actuator for Quarter-Turn Applications

The MA Series is DynaQuip Controls' heavyweight contender with torque output from 443 to 39,828 inch-pounds. A self-locking high-alloy steel gear train makes this the ideal electric actuator for a wide variety of industrial and commercial applications requiring quarter-turn automation. Specialized needs are easily addressed with the many MA actuator accessories.

Key Features of the MA Series:

- NEMA 4 and 4X weather proof/corrosion-resistant housing
- Four (4) limit switches for motor control and remote indication of end of travel
- Thermal overload protection
- 30% duty rated long life
- Declutchable manual override with hand wheel (not on MA4)
- Local position indication
- Self-locking, lubricated for life, high-alloy steel gear train
- ISO 5211 mounting standard
- Reversing motors
- Adjustable mechanical travel stops

The DynaQuip Difference

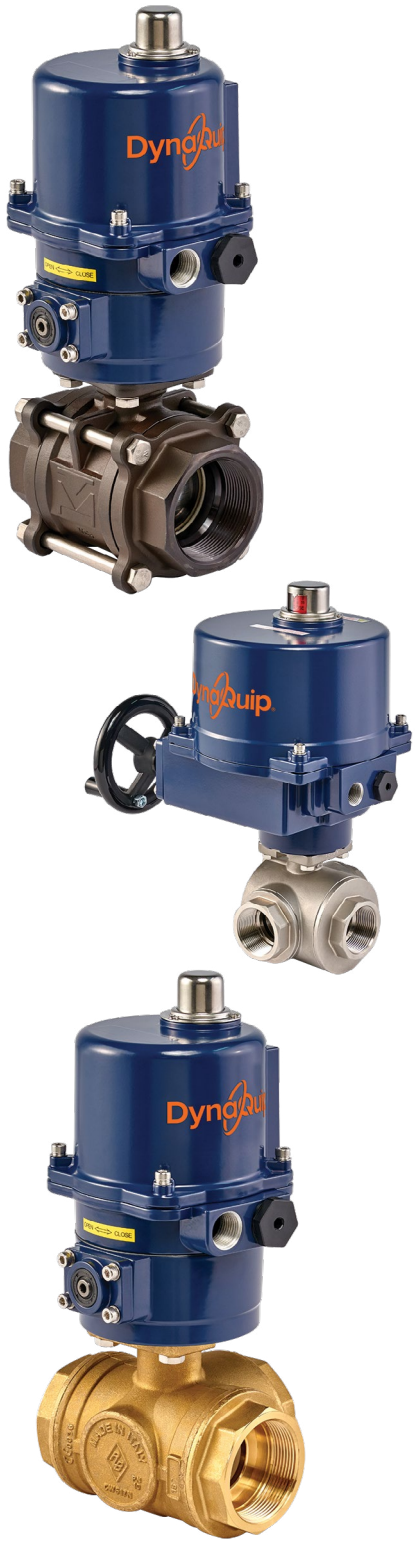
For seven decades DynaQuip® has provided superior products and customer service. We offer flexible and innovative solutions for unique customer needs. Our products are assembled, tested, and stored at our St. Clair, Missouri headquarters enabling us to offer quality assurance and industry-best lead times.

- **Industry-best lead times**
- **Personal customer service**
- **Superior quality products**
- **Flexible, innovative solutions**

MA Series Electric Actuators

CATALOG NO. (120 VAC)	TORQUE (IN/LBS)	MOUNTING ISO 5211
MA4	443	FO7
MA7	795	FO7
MA13	1,325	FO7
MA20	2,000	FO7
MA35	3,540	F10
MA44	4,425	F10
MA57	5,750	F10
MA88	8,850	F14
MA132	1,3275	F14
MA177	1,7700	F16
MA221	2,2125	F16
MA265	26,550	F16
MA309	30,975	F16

Suffix “B” for 220 VAC, PH1
Suffix “C” for 24 VAC, PH1
Suffix “D” for 12 VAC
Suffix “E” for 24 VAC
Suffix “F” for 230 volt, PH3
Suffix “G” for 460 volt, PH3



Electric Actuator Options:

Timer Adjustable time intervals and length of time open and/or closed.

Modulating Controls: Accepts a 4–20 mA , 0–5 VDC, or 0–10 VDC control signal to position the valve at various degrees of open/close.

Continuous Position Indication: Gives a continuous remote indication of the degrees or percent of opening based on either a resistance output of 0–1000 ohms or a current output of 4–20 mA. Other options available.

Fail-Safe Backup Battery Backup System that allows normal operation of actuator with 120-volt AC but converts battery DC to AC upon incoming AC power failure.

Spring-Return Fail-Safe Spring Backup System within the electric actuator takes over upon loss of AC power.

DynaQuip® DYNAMIC FLUID CONTROL SYSTEMS

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