

KITZ

KELMO® Electric Actuator Driven Compact Ball Valves

- KITZ Electric Actuators : EA Series
- 110~120V, 220~240V AC·50Hz/60Hz, 12V/24V DC
- Class 10K Bronze and Stainless Steel Threaded Ball Valves



General design features

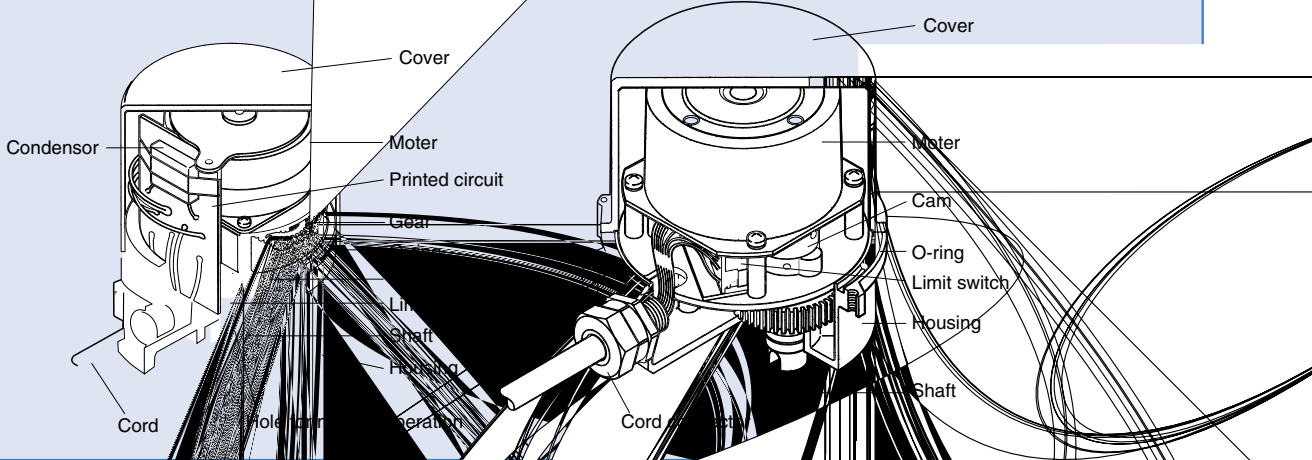
- Compact size and light weight with die-cast aluminium housing and powerful miniature motor for economy and handling ease.
- Simple mechanism with minimized number of component parts for high durability and trouble-free service.
- Free from the common concerns of conventional solenoid valves such as water hammer, pressure loss, malfunction caused by jammed valve interior, and restricted flow direction.
- All weather type design for outdoor service.
- Availability of manual operation in case of electric failure.
- Versatile applications by means of optional built-in relay circuit for parallel drive and terminal boxes.
- Safety provision to protect the motor from overheat damage caused by accidental overload.
- Factory-made actuator-to-valve assembly for off-the-shelf supply.

KITZ CORPORATION

KITZ KELMO® Electric Actu

Type EA100 / 200 Size 1 & 1.5

Type EA100 / 200 Size 2



● Design specifications

Specification / Type	EA100	EA200	EA100	EA200
Power source 50/60Hz	110V AC 120V AC	110V AC 120V AC	110V AC 120V AC 220V AC 240V AC	110V AC 120V AC 220V AC 240V AC
Rated current	10mA	10mA	10mA	10mA
Max. power consumption	10W	10W	10W	10W
Valve closing	50%	50%	50%	50%
Time (90° rotation)	8s	8s	8s	8s
Max. output torque	10Nm	10Nm	10Nm	10Nm
Rated time	10min	10min	10min	10min
Insulation class	F	F	F	F
Sensitive switch	12V AC	12V AC	12V AC	12V AC
Contact capacity	10A	10A	10A	10A
Position limits	1.5°	1.5°	1.5°	1.5°
Insulation strength	500V DC	500V DC	500V DC	500V DC
Insulation resistance	100MΩ	100MΩ	100MΩ	100MΩ
Standard voltage	110V AC	110V AC	110V AC	110V AC
Ambient temperature	-50°C	-50°C	-50°C	-50°C
Mounting position	Horizontal	Horizontal	Horizontal	Horizontal
Weight	10kg	10kg	10kg	10kg
Material	Aluminum	Aluminum	Aluminum	Aluminum
Finish	Paint	Paint	Paint	Paint
Accessories	Grease	Grease	Grease	Grease
Options	Reference	Reference	Reference	Reference
Notes	Housing	Housing	Housing	Housing

The data in this catalog have been tested and approved by our design department in the testing laboratory. The data are for reference only. They are good only for general applications as a guideline to users of KITZ products. For specific applications, it is kindly requested to contact KITZ for technical advice. The data are for reference only. They are good only for general applications as a guideline to users of KITZ products. For specific applications, it is kindly requested to contact KITZ for technical advice. The data are for reference only. They are good only for general applications as a guideline to users of KITZ products. For specific applications, it is kindly requested to contact KITZ for technical advice.