

HD0 type Electric Actuator Specifications

FEATURE

HD series with powerful motor and control board offer reliable automatic control of quarter-turn valves.
 These actuators provide maximum versatility in electrical control.
 The use of self-locking worm gear is standard and ensures positive valve position.

SPECIFICATION

Actuator type	HD0-300-0	HD0-700-0	HD0-02K-0	HD0-06K-0
Voltage	24 V DC			
Rated torque [N·m]	30	70	200	600
Operation time [s]	1 to 2	3 to 5	12 to 17	36 to 50
Power consumption (Max) [VA]	120			
Motor	DC motor			
Overload protection	Current limiter			
Method of operation	Switching polarity type			
Operation	② + ③ - → SHUT (SHUT PL is lit.) ③ + ② - → OPEN (OPEN PL is lit.) Over torque → Alarm PL is lit.			
Output signal rating	Resistance load 1 A to 35 mA 24 V DC			
Duty cycle	20 % 15 min. (When ambient temperature is over 50 °C, 10 % 15 min.)			
Ambient temperature	-20 to 55 °C			
Space heater	3 W			
Manual operation	Manual over-ride with clutch. (Direct operation / 06K: Operation by manual shaft.)			
Enclosure	Equivalent to IP65 (IEC 60529)			
Housing material	Aluminum alloy diecast (acrylic resin baking finish)			
Wire connection	Terminal Block: M3, Ground terminal: M3			
Conduct port	2-G1/2 Attachments: Cable gland (for Φ6 to 12 mm cable), plug.			

3 way valve: SHUT / Position①, OPEN / Position②

WIRING

