

# MY940

## High Torque Actuator

The MY940 is a motorized actuator with a high level of output for use with control valves in various facilities including air-conditioning systems. In combination with the V5063A single-seated two-way valve, the V5064A double-seated two-way valve, and the V5065A mixing three-way valve, they are suitable for controlling large-bore fluid control systems or versions where a high differential pressure is generated during shutoff. The actuators have high/low limit mechanisms and feedback potentiometers (nominally 135 ohms). Yoke set (QMY9400) separately available.



### Specifications

Model No.	MY9400 / 9402 (Stroke 19mm)	MY9401 / 9403 (Stroke 38mm)
<b>Power</b>	100Vac 50/60Hz 200Vac 50/60Hz	
<b>Rated shift output</b>	1334N or more	
<b>Rated operating time</b>	42s (50Hz), 35s (60Hz)	41s (50Hz), 34s (60Hz)
<b>Rated stroke</b>	19mm	38mm
<b>Feedback potentiometer</b>	Resistance normally 135Ω Maximum applicable voltage 13.5Vdc	
<b>Rated power consumption</b>	100Vac: 22W (50Hz) / 23W (60Hz) 200Vac: 24W (50Hz) / 26W (60Hz)	100Vac: 48W (50Hz) / 50W (60Hz) 200Vac: 50W (50Hz) / 52W (60Hz)
<b>Auxiliary switch (optional)</b>	High/low limit no voltage output contact 250Vac - 5A (resistive load): approx. 3.5A (inductive load)	
<b>LED display</b>	ON while the torque limiter switch and high limit switch are operating (built in)	
<b>Temperature</b>	-25 to +55°C	
<b>Humidity</b>	10 to 90% RH	
<b>Protection</b>	JIS C0920 protection 5 (equivalent to IP55)	
<b>Manual operation</b>	Use the detachable crank handle (attachment)	
<b>Wiring port</b>	G1/2 x 2 (with waterproof conduit). Outer diameter of cable φ9 to φ11	
<b>Material</b>	Aluminum die-casting	
<b>Mass</b>	7.2kg	7.0kg
<b>Attachment</b>	Detachable crank handle (for manual operation)	
<b>Accessories (sold separately)</b>	Yoke set Model No.: QMY9400A1001 (stroke 19mm) QMY9400B1001 (stroke 38mm)	Components • Yoke • Stem adaptor • Actuator installation bolt

### Selection Guide



Example: MY9400A0001

Segment	Model No. selection	Description
I	Basic No.	MY940 High torque actuator
II	Applicable valve/size	0 Two-way valve 3B or less (stroke 19mm)
		1 Two-way valve 4B to 6B (stroke 38mm)
		2 Three-way valve 3B or less (stroke 19mm)
		3 Three-way valve 4B to 6B (stroke 38mm)
III	Power	A 100Vac 50/60Hz
		B 200Vac 50/60Hz
IV	Option 1	0 No option
		1 With two auxiliary switches
V	Option 2	001 None

### Combination of Valve and Actuator

Actuator	Applicable valve model No.	Actuator	Applicable valve model No.
MY9400	V5063A, VY5063C Series	MY9402	V5065A6001
	V5064A6002		V5065A6019
	V5064A6010		V5065A6027
	V5064A6028		V5065A6035
	V5064A6036		V5065A6043
	V5064A6044		V5065A6050
MY9401	V5064A6051	MY9403	V5065A6068
	V5064A6069		V5065A6076
	V5064A6077		V5065A6084
			V5065A6092

Note: Check that the model number of the actuator matches the specifications of the valves.  
An incorrect combination may damage the valve or actuator.

### Dimensions

(Unit: mm)

