

M940B

Actionator Motors



The M940B positions dampers, butterfly valves, slip stem valves, or any device requiring rotary or linear motion.

It provides position proportional control of valves and other devices. Aluminum alloy housing ensures its ruggedness and compactness.

Specifications

Power supply	120Vac, 50/60Hz
Power consumption	23W 0.20A (at 60Hz)
Ambient temperature	-29 to +65°C
Ambient humidity	40°C, 90%RH
Auxiliary switch rating	7.4Amp, max. resistive; 120 or 240Vac (on each switch) 1/3HP at 120 or 240Vac, 1/2Amp at 120Vdc, 1/4Amp at 240Vdc
Motor shaft timing	15s 9/16 to 1 inch (1.42 to 2.54cm) 30, 60, or 120s 9/16 inch maximum (1.42cm)
Weight	Approx. 10kg
Housing	Aluminum die-cast
Standard accessories	Crank arm, plug
Mounting	Valve yoke assembly required

Selection Guide

Model No.	Operation	Input signal	Valve stroke adjustable range (mm)	Valve shaft driving force (N-m)	Maximum torque (N-m)	Rotating time (s) at 60Hz	Auxiliary potentiometer
M940B1025	Position proportioning	Relay contact	6.4 to 38	13.3	34	60	-
M940B1041	Position proportioning	Relay contact	6.4 to 38	13.3	34	60	Provided

Valve Yoke Assembly (order separately)

Model No.	Valve used with		
	V5063A	V5064A	V5065A
QN130A	1/2 to 3B	1 1/2 to 3B	1 to 3B
QN130B	-	4 to 6B	4 to 6B

Dimensions

(unit:mm)

