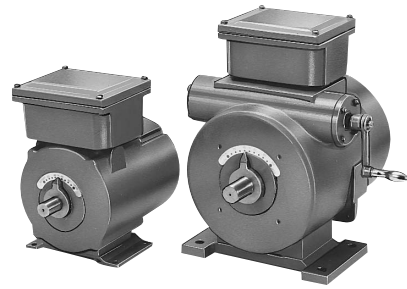


# High-Torque Modutrol Motor | HM

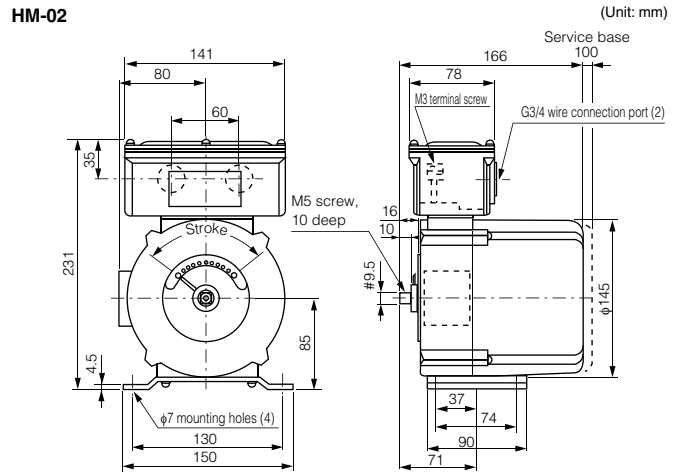
The HM Modutrol motor serves as a high-torque electric actuator to execute either 2-position or proportional control with relay contact signal input. The aluminum alloy housing is rigid, compact, and drip-proof. Internal moving parts are sealed with grease for high efficiency, low running noise and long lifespan. HM has an internal auxiliary switch, a feedback potentiometer and a clutchless manual handle as optional accessories.



### Specifications

Model No.	HM-02	HM-04	HM-06	HM-10	HM-20
Control action	ON/OFF, position proportional	ON/OFF, position proportional	ON/OFF, position proportional	ON/OFF, position proportional	ON/OFF, position proportional
Input	Relay contact				
Maximum output	24 N·m	40 N·m	60 N·m	100 N·m	200 N·m
Degrees of rotation	90°	90°	90°	90°	90°
Rotation time (with no load)	50 Hz: 30 s 60 Hz: 25 s	30 s	30 s	30 s	30 s
Manual handle	None	None	None	Available	Available
Rated power supply voltage	100/110 Vac 50/60 Hz 200/220 Vac 50/60 Hz				
Power consumption	24 VA	40 VA	40 VA	60 VA	70 VA
Weight	5.5 kg	6.5 kg	7.5 kg	16 kg	21 kg

### External dimensions



### Model No. configuration

Ex.: HM-02-A10A

#### HM motor

Basic model No.	Rated power supply voltage	Feedback potentiometer	Auxiliary switch	Torque (N·m)	Operation
HM-02-A				24	ON/OFF
HM-02-B				24	Position proportional
HM-04-A				40	ON/OFF
HM-04-B				40	Position proportional
HM-06-A				60	ON/OFF
HM-06-B				60	Position proportional
HM-10-A				100	ON/OFF
HM-10-B				100	Position proportional
HM-20-A				200	ON/OFF
HM-20-B				200	Position proportional
	1			100/110 Vac 50/60 Hz	
	2			200/220 Vac 50/60 Hz	
		0		None	
		1		1 unit built in	
		2		2 units built in	
			A	None	
			B	Two SPDTs built in	

#### Accessory: Crank arm

Basic model No.	Description
HLE02	For HM-02
HLE04	For HM-04
HLE06	For HM-06
HLE10	For HM-10
HLE20	For HM-20

Note: One crank arm comes with the product.