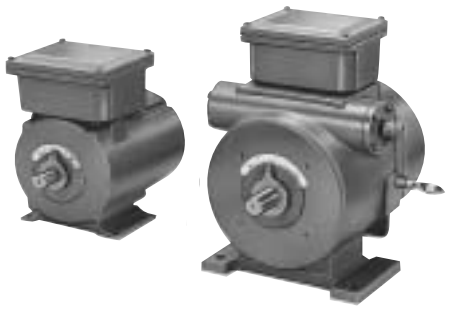
HM

High-Torque Modutrol Motor



The HM serves as an electric actuator to execute either 2-position or proportional control action, with relay contact signal input.

The housing is aluminum alloy casting making it rigid, compact and drip-proof. Internal moving parts are sealed with grease for high efficiency, low running noise and long life.

Specifications

Housing		Aluminum alloy casting				
Power		100/110Vac, 50/60Hz				
		200/220Vac, 50/60Hz				
Ambient temperature		0 to 60°C with 100% load factor				
Ambient humidity		Lower than 85% RH at 60°C				
Construction		Drip-proof structure				
Rotating angle		90°				
		HM-02	**HM-04**	**HM-06**	**HM-10**	**HM-20**
Rotating time	**50Hz**	30s	30s	30s	36s	36s
	60Hz	25s	25s	25s	30s	30s
Power consumption		24VA	40VA	40VA	60VA	70VA
Mass		5.5kg	6.5kg	7.5kg	16kg	21kg
Accessories		One set of clamp arms (selectable)				
		Part No. HLE02 for **HM-02**				
		Part No. HLE04 for **HM-04**				
		Part No. HLE06 for **HM-06**				
		Part No. HLE10 for **HM-10**				
		Part No. HLE20 for **HM-20**				

Selection Guide

I II III IV Example: **HM-02-A10A**

Segment	Model No. selection		Availability									Description			
												Torque	Control outputs		Manual
												(N-m)	ON-OFF	Position proportional	handle
I	Basic No.	**HM-02-A**	↓									24	O	–	without
		HM-02-B		↓								24	–	O	without
		HM-04-A			↓							40	O	–	without
		HM-04-B				↓						40	–	O	without
		HM-06-A					↓					60	O	–	without
		HM-06-B						↓				60	–	O	without
		HM-10-A							↓			100	O	–	with
		HM-10-B								↓		100	–	O	with
		HM-20-A									↓	200	O	–	with
		HM-20-B									↓	200	–	O	with
II	Power	**1**	O	O	O	O	O	O	O	O	O	100/110Vac, 50/60Hz			
		2	O	O	O	O	O	O	O	O	O	200/220Vac, 50/60Hz			
III	Option 1	**0**	O	–	O	–	O	–	O	–	O	None			
		1	–	O	–	O	–	O	–	O	–	1 feedback potentiometer			
		2	–	O	–	O	–	O	–	O	–	2 feedback potentiometers			
IV	Option 2	**A**	O	O	O	O	O	O	O	O	O	None			
		B	O	O	O	O	O	O	O	O	O	2 auxiliary switches			

• A circle (O) denotes availability.

Dimensions

(Unit: mm)