

Technical Data

Model		HTE-02	HTE-03	HTE-05	HTE-10	HTE-20	HTE-40	HTE-60	HTE-100	HTE-160	HTE-200
Output Torque -(N.m)		20	30	50	100	200	400	600	1000	1600	2000
Operational Speed (Sec.) @ 0-90°/50Hz		4	10	20 / 60	30 / 60	30 / 60	30 / 60	45	30	48	60
Operational Angle(Max.)		0-360°	0-360°	0-360°	0-360°	0-90°	0-90°	0-90°	0-90°	0-90°	0-90°
Power - (Watts)	DC motor	13	13	13	25	35	70	70	---	---	---
	AC motor	10	10	10	25	40	90	90	120	140	140
Rated Current - (A)	24VDC	1.28	1.28	1.28	2.03	3.57	5.13	6.04	---	---	---
	110VAC	0.24	0.24	0.24	0.57	0.65	1.12	1.18	1.93	1.75	1.75
	220VAC	0.16	0.16	0.16	0.35	0.37	0.57	0.60	0.94	0.96	0.98
	380VAC	---	---	---	0.10	0.15	0.29	0.29	0.44	0.46	0.48
Duty Rating		30%	30%	30%	30%	30%	30%	30%	30%	30%	30%
Weight - (Kg)		2.0	2.0	2.0	3.0	8.0	8.5	9.0	17.0	17.5	18.0
Power Supply	1 Phase: 110/220VAC±10% @ 50/60Hz, 3 Phase/ 380VAC±10% @ 50/60Hz, 12VDC, 24 VDC										
Thermal Protector	Standard accessory; built-in, auto-reset type										
Insulation Resistance	24VDC:100MΩ @ 250VDC, 110/220/380VAC:100MΩ @ 500VDC,										
Withstand Voltage	24VDC: 550VAC @ 1Min. , 110/220VAC: 1500VAC @ 1Min. , 380VAC:1800VAC @ 1Min.										
Enclosure Rating	IP68										
Ambient Temperature	- 30 ~ +60℃										
Mounting Direction	All directions										
Electrical Conduit	G1/2" with cable gland for standard type(2xG1/2" with cable gland for modulating type)										
Manual Operation	Detachable crank handle(standard accessory)										
Stopper	In operation: limit switches at full & closed position.Manual operation: mechanical stopper										
Housing Material	Die-casting aluminum alloy										
Various Options	1.Type A: standard type										
	2.Type B: additional limit switches(2units)										
	3.Type C: potentiometer unit(1KΩ or 500Ω)										
	4.Type D: potentiometer unit(1KΩ or 500Ω) with additional limit switches(2units)										
	5.Type E: modulating controller(input signal : 4-20mA or 1-5VDC, output signal: 4-20mA)										
	6.Type F: current position transmitter(output signal : 4-20mA)										
	7.Space heater										
	8.Torque switches(2units)										
	9.Various voltages(110/220/380VAC & 24VDC, the other voltage is available upon request)										
	10.Various mounting brackets										