

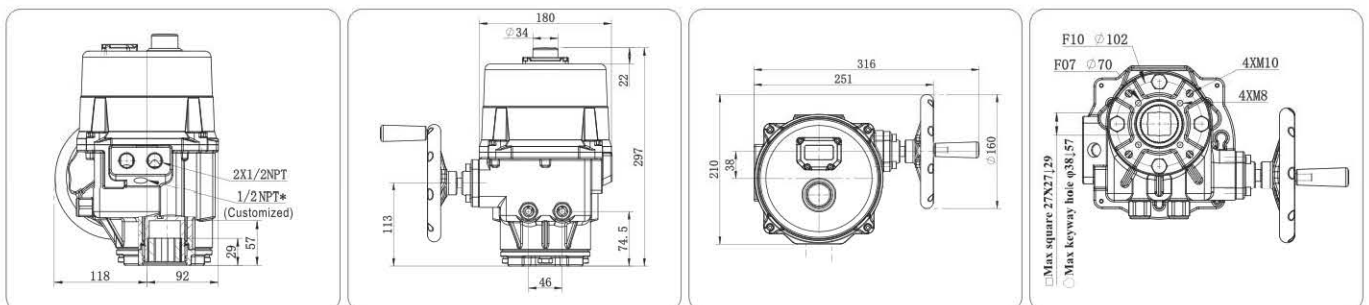
EP200 General Parameter / Outline Drawing

General Parameter	0~90° Travel Time (S)	Model						
		Voltage		P1	P2	P3	P4	P5
				150N·m	200N·m	250N·m	300N·m	400N·m
		24V AC/DC		22	31	35		
110V AC		8	10.5	13	15	17		
220V AC		8	10.5	13	15	17		
Control Mode	E-Electronic on-off		S-Smart on-off		R-Smart modulating			
Rotation Angle	0~90°		0~90~180°/0~270°		0~90°			
Duty Cycle	S2 100% (30min)				S4 50%			
Environment Temp.	-13~158°F		-25~70°C					
Weight	13.7kgs							
Field Operation Modular	N		Y		Y			
Manual Operation Type	Handwheel							
Protection Grade	IP67/NEMA 4/NEMA4X/NEMA6/NEMA6P							
Electric Connection	2*1/2NPT							
Motor	Brushless DC motor							
Multi-level protection	Double-level over heat protection(motor/interior actuator)&Over current protection							
Indicator	360° Visible indicator		360° Visible LED indicator		360° Visible indicator			
Heater	25W,The heater works when the ambient temperature is lower than 15°C							
Corrosion Protection	Aluminium alloy enclosure with ISO 12944 C03-02 standard powder painting							
Feedback Signal	Open/Close/Error		3 programmable relays output feedback signals					
Bus Type	Modbus							
Optional Function	Bluetooth/IP68/360° Visible LED indicator/25°C heater/C05 corrosion protection							

Modulating type parameter	Regulating Number	Up to 2 million times, 600 times starts max/hour	
	Step Accuracy	0.62%/ 160 steps	
	Dead Zone	±0.5% (0.5°)	
	Reaction Time	<1S	
	Linearity	0.02	
	Bus Type	Modbus	
	Input Signal	1-5V,2-10V,4-20mA	
	Output Signal	1-5V,2-10V,4-20mA	
	Feedback Signal	3 programmable relays output feedback signals	

Model	Power	Rated current(A)				Locked-rotor current(A)			
		W	DC24V	AC24V	AC110V	AC220V	DC24V	AC24V	AC110V
EP200P1-P3	100/80(24V)	1.25	1.3	1.32	0.85	1.88	1.95	1.98	1.28
EP200P4-P5	100			2.2	1.2			3.3	1.8

EP200P1-P5



■ EP/EA Series General Parameter

Series	Model	Max Torque(N·m)			Max Torque(in-lb)			0~90°Travel time (S)				
		AC/DC 24V	AC110V AC220V	AC110V AC220V AC380 3PH	AC/DC 24V	AC110V AC220V	AC110V AC220V AC380 3PH	AC/DC 24V	AC110V AC220V	50HZ AC110V AC220V 3PH	60HZ AC110V AC220V 3PH	50HZ AC380 3PH
EP	EP20P1	10	10	/	89	89	/	9	6	/	/	/
	EP20P2	14	14	/	124	124	/	11	8	/	/	/
	EP20P3	20	20	/	177	177	/	15	11	/	/	/
	EP50P1	35	35	/	310	310	/	11	8	/	/	/
	EP50P2	50	50	/	443	443	/	14	12	/	/	/
	EP100P1	80	80	/	708	708	/	20	16	/	/	/
	EP100P2	100	100	/	885	885	/	27	18	/	/	/
	EP200P1	150	150	/	1328	1328	/	22	8	/	/	/
	EP200P2	200	200	/	1770	1770	/	31	10.5	/	/	/
	EP200P3	250	250	/	2213	2213	/	35	13	/	/	/
	EP200P4	/	300	/	/	2655	/	/	15	/	/	/
	EP200P5	/	400	/	/	3540	/	/	17	/	/	/
	EP500P1	/	300	/	/	2655	/	/	14	/	/	/
	EP500P2	/	400	/	/	3540	/	/	16	/	/	/
	EP500P3	/	500	/	/	4425	/	/	19	/	/	/
	EP500P4	/	650	/	/	5753	/	/	22	/	/	/
	EP500P5	/	800	/	/	7080	/	/	27	/	/	/
EA	EA200P1	/	/	150	/	/	1328	/	/	30	25	30
	EA200P2	/	/	200	/	/	1770	/	/	30	36	36
	EA500P1	/	/	300	/	/	2655	/	/	19	23	23
	EA500P2	/	/	400	/	/	3540	/	/	25	30	30
	EA500P3	/	/	500	/	/	4425	/	/	30	35	35

Note: 1.The motor for EP series is Brushless DC motor and for EA series is AC asynchronous motor.
2.The travel time for 60Hz is 1.2 times faster than 50Hz.

