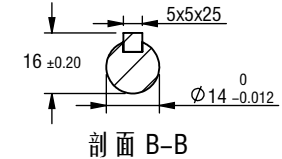
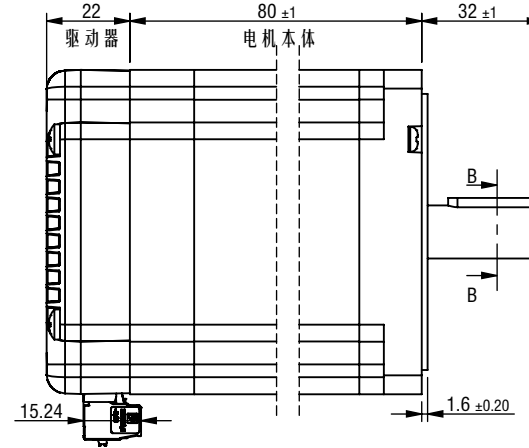
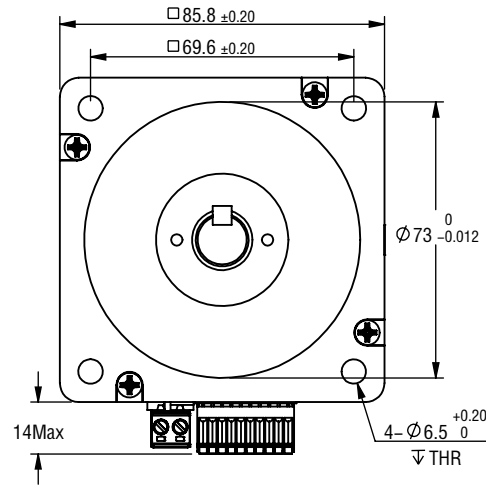


※ 尺寸/Dimensions 单位/Unit: (mm)



※ 规格/ Specification		※ 端口功能/Port Function		※ 端子定义/Terminal definitions			※ 铭牌内容/Label discription												
Input Voltage	18~70VAC/24~100VDC	No.	Name	Function				型号/Model 86HB180F5-14J 品号/Product No. 名称/Name 集成式步进伺服 Integrated step servo											
Holding Torque	4.5N.m	1	V+	Power positive terminal (18~70VAC/24~100VDC)															
IP Rating	IP54	2	V-	Power ground (no polarity distinction for AC input)															
Protections	Overvoltage protection, Undervoltage protection, Overcurrent protection, Winding short circuit, Winding open circuit	3	PU+	Optical isolation, differential signal, compatible with 5 - 24 VDC, default pulse input, filter frequency 250 kHz, port functions configurable via host software.															
Current range	Software adjustable, 0.5 - 6.5 A adjustable, factory-matched motor	4	PU-	Optical isolation, differential signal, compatible with 5 - 24 VDC, default direction input, filter frequency 250 kHz, port functions configurable via host software.															
Microstepping	16-step DIP switch selectable, 200 - 1,000,000 steps adjustable via software	5	DR+	Optical isolation, differential signal, compatible with 5 - 24 VDC, default direction input, filter frequency 10 kHz, port functions configurable via host software.															
Speed	up to 3000 rpm	6	DR-	Alarm status output port, used to detect motor alarm condition. Default configuration: normally closed (active output in normal state). The output can be inverted or reassigned to other functions via software.															
Steps/rev	200 steps/rev	7	EN+	In-position status output port, used to detect when the motor has reached the target position. The output becomes active when in position. The signal logic can be inverted or reassigned to other functions via software.															
Filter frequency	default 300 kHz, adjustable via software	8	EN-																
Control mode	pulse + direction, or dual pulse	9	AL+																
Weight	≈ 2.9 Kg	10	AL-																
Rotor Inertia	≈ 1950 g.cm <sup>2</sup>	11	EX+																
Operating Temperature	0°C~+40°C	12	EX-																
Operating humidity range	20%RH~90%RH	※ 拨码设置/Serial port Settings						公差 Tolerance ±0.3 比例 Scale 1:2 页码 Sheet 1/1											
Communication interface	TTL	细分	400	800	1600	3200	6400		12800	25600	51200	1000	2000	4000	5000	8000	10000	20000	40000
Baud rate	115200	SW1	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON
		SW2	ON	ON	OFF	OFF	ON	ON	OFF	OFF	ON	ON	ON	OFF	OFF	ON	ON	OFF	OFF
		SW3	ON	ON	ON	ON	OFF	OFF	OFF	OFF	ON	ON	ON	ON	OFF	OFF	ON	ON	OFF
		SW4	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
		SW5:Used to set the pulse mode: when OFF, operates in pulse + direction mode; when ON, operates in dual pulse mode.						名称/Name											
		SW6:Used to set the rotation direction: when OFF, rotation is clockwise (CW); when ON, rotation is counterclockwise (CCW)						集成式步进伺服 Integrated step servo											



CHANGZHOU HOLRY ELECTRIC TECHNOLOGY CO.,LTD.