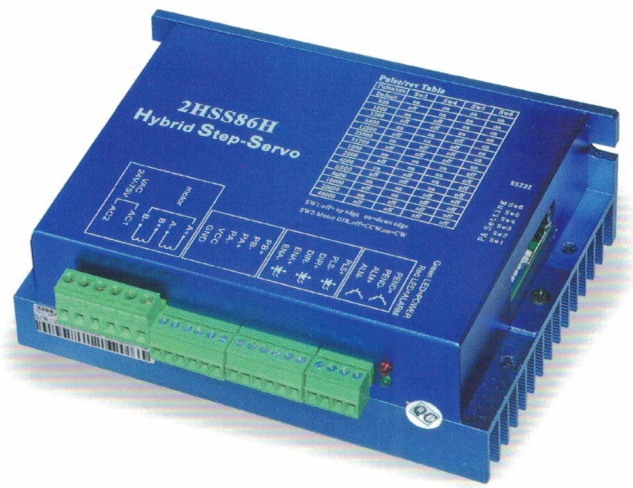
Close Loop Stepper Motor Series

Modle	Frame Size	Axle Diameter (mm)	Encoder (Line)	Holding Torque (N*m)	Length (mm)	Current (A/Phase)	Weight (Kg)	Matching Driver
56BYGH454EC-1000	NEMA23	8	1000	0.9N.m	81	4.0	0.6	2HSS57
56BYGH480EC-1000	NEMA23	8	1000	2.2N.m	105	5.0	1.1	
86BYGH480EC-1000	NEMA34	14	1000	4.5N.m	111	5.0	2.6	2HSS86
86BYGH4118EC-1000	NEMA34	14	1000	8.5N.m	149	6.0	4.3	
86BYGH4156EC-1000	NEMA34	16	1000	12N.m	187	6.0	4.6	2HSS1108
86BYGH3156EC-1000	NEMA34	16	1000	12Nm	187	6.0	4.8	3HSS2208H (220V)
110BYGH4135EC-1000	NEMA42	19	1000	12Nm	166	6.0	6.4	2HSS2208 (220V)
110BYGH4160EC-1000	NEMA42	19	1000	18Nm	191	6.5	8.1	
110BYGH4190EC-1000	NEMA42	19	1000	20Nm	221	6.8	9.2	
130BYGH4205EC-1000	NEMA43	24	1000	28Nm	256	7.5	15.1	
130BYGH4225EC-1000	NEMA43	24	1000	35Nm	276	8.0	17.2	

Closed Loop Stepper Driver

- Adopt 32 bit motor control special DSP core
- To use advanced vector closed loop control technology
- Able to work with 86 series and 110 series closed loop stepper motor / easy servo motor
- Optical-coupled differential signal input
- Pluse frequency 200KHZ
- Micro-stepping setting (200-51200)
- Protection function for over-current, over-presure and error
- Six bit digitron display , convenient to setting parameter and keep check on motor working condition
- Closed loop stepper driver is a new type of easy servo motor driver by SZGH develop,adopt new and special motor control DSP core and apply vector type closed loop control technolgoy ,it already sucessfully slove the problme for common stepper motor missing step , also improve high speed of motor ,reduce motor body heat and vibration , so that promote machine progressing speed and precision .
- the driver paramater setting is with two method : one is serial port communication by PC and RS232, adop specialized adjust software to finish parameter setting second , directly use the driver security panel to setting parameter, the driver itself is with best default value match with motor. so only need adjust the dirver micro-stepping will be ok.



Model	Phase	Power			Configuration	Matching Motors(NEMA)
		Voltage(V)		Current （A）		
		AC	DC	Peak		NEMA
2HSS57	2phase	—	24-48	6.0	RS232	23
2HSS86H	2phase	30-75	24-110	8.0	RS232	34
2HSS1108	2phase	80-220	—	10	LED	42
2HSS2208	2phase	110-240	—	12	LED	43
3HSS2208H	3phase	110-240	—	12	LED	43