

Driver HSS86

Features:

1. Position error correction and never lose steps
2. Quick response and perfect acceleration, High torque at high speed
3. Automatic current adjustment based on load, lower temperature rising
4. Over-current, over-voltage and position ultra difference protection function
5. Pulses response frequency can reach 200KHZ
6. 16 kinds microsteps choice, highest 51200microsteps/rev.
7. Drive nema 34 series 4.5N.m, 8N.m, 12N.m closed loop stepper motor
8. Voltage range: AC20~80V or DC30~110V

Microstep selection:

Microrstep/rev	SW3	SW4	SW5	SW6
Default (400)	on	on	on	on
800	off	on	on	on
1600	on	off	on	on
3200	off	off	on	on
6400	on	on	off	on
12800	off	on	off	on
25600	on	off	off	on
51200	off	off	off	on
1000	on	on	on	off
2000	off	on	on	off
4000	on	off	on	off
5000	off	off	on	off
8000	on	on	off	off
10000	off	on	off	off
20000	on	off	off	off
40000	off	off	off	off

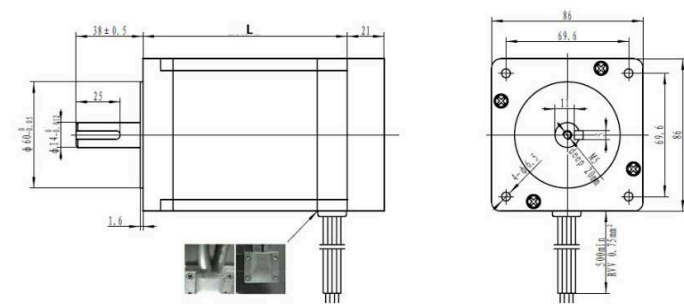
Quick Detail:

NEMA 34 hybrid easy servo motor and driver

Motor Parameter:

Motor Model	Step angle	Current	Resistance	Inductance	Holding torque	Motor length	Total length	Suitable driver	Encoder resolution
	1.8°	6.0A	0.45±10%Ω	3.7±20mH	4.5 N.m	82mm	103mm	HSS86	1000ppr
	1.8°	6.0A	0.44±10%Ω	3.7±20mH	8.0 N.m	118mm	139mm	HSS86	1000ppr
	1.8°	6.0A	0.45±10%Ω	5.2±20mH	12.0 N.m	156mm	177mm	HSS86	1000ppr

Motor Dimension:



Driver Dimension(mm):

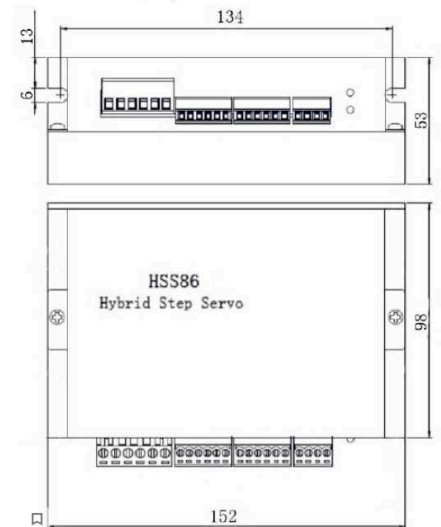


Diagram:

