



# HYBRID STEPPER MOTOR

## Model SS1.8-D24030-CS

SPECIFICATIONS				diagram
step angle	1.8° ±5%	current	5.0A	
phase No.	2	resistance	0.45±10%Ω	
insulation resistance	100M0hm(500V DC)	inductance	1.8±20%mH	
insulation class	B	holding torque	30kg.cm	

### Remarks

Encoder power lines sequency



GND	white
VCC	red
A+	black
A-	blue
B+	yellow
B-	green

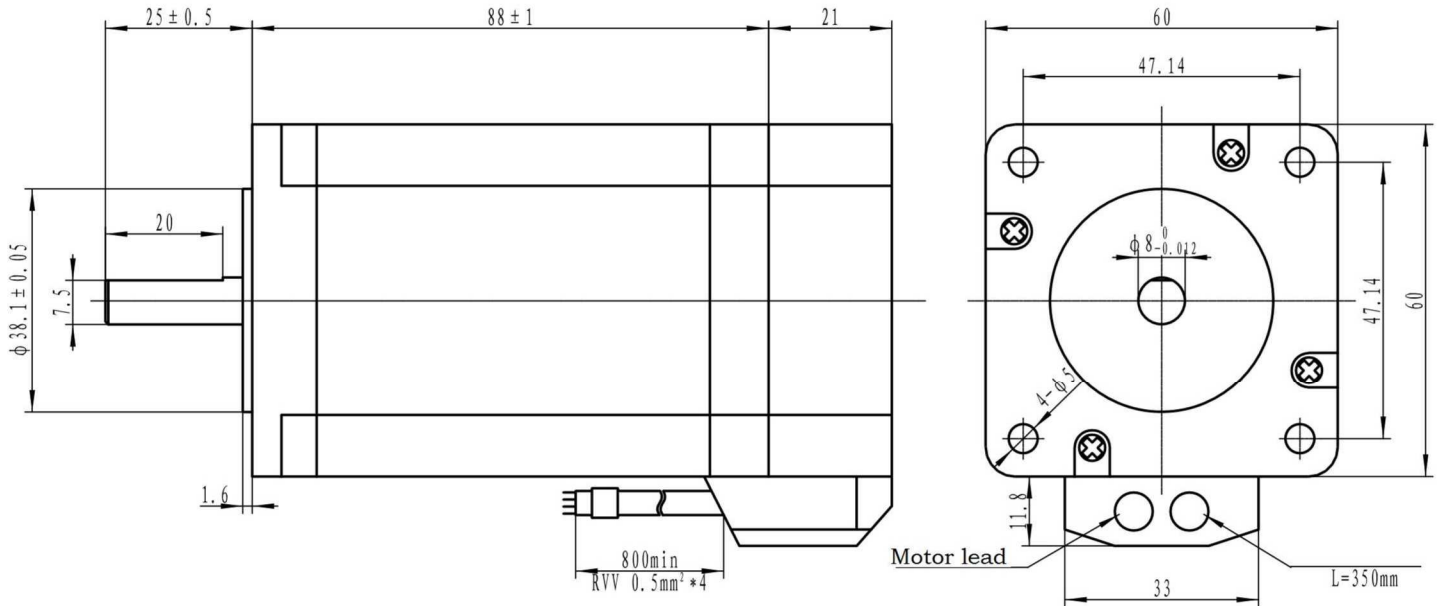
Encoder power line wiring

(length 2m/3m/5m)



dimensions

unit:mm



# SSI. 8-D24030-CS

Test conditions: DC-48V 8 segments

Frequency	800	2666	5333	8000	13333	18667	24000	26667	32000	40000	48000	
Speed r/min	30	100	200	300	500	700	900	1000	1200	1500	1800	
Step Servo Torque NM	1,65	2,40	2,40	2,40	2,40	1,80	1,40	1,00	0,85	0,60	0,55	0,45
Common step motor Torque NM	1,20	1,40	1,50	1,30	1,10	0,45	0,20	0,10	0,05	0,02	0,01	
Efficiency percentage gain	37,50%	71,43%	60,00%	84,62%	63,64%	211,11%	400,00%	750,00%	1100,00%	2650,00%	4400,00%	

