



Product Overview

STEP ANGLE	1.8 deg
RATED CURRENT	0.4 - 1.7 A
HOLDING TORQUE	12 - 79 N.cm
MOTOR LENGTH	24 / 28 / 34 / 40 / 48 / 60 / 63 mm
LEAD WIRES	4 / 6
WINDING	2-phase, 4/6-lead

Series Features

- D-cut output shaft, 5 mm diameter
- Four-lead and six-lead winding options
- Seven body lengths and multiple torque levels
- Electrical, shaft and cable options on request

Standard model data is listed on page 2.

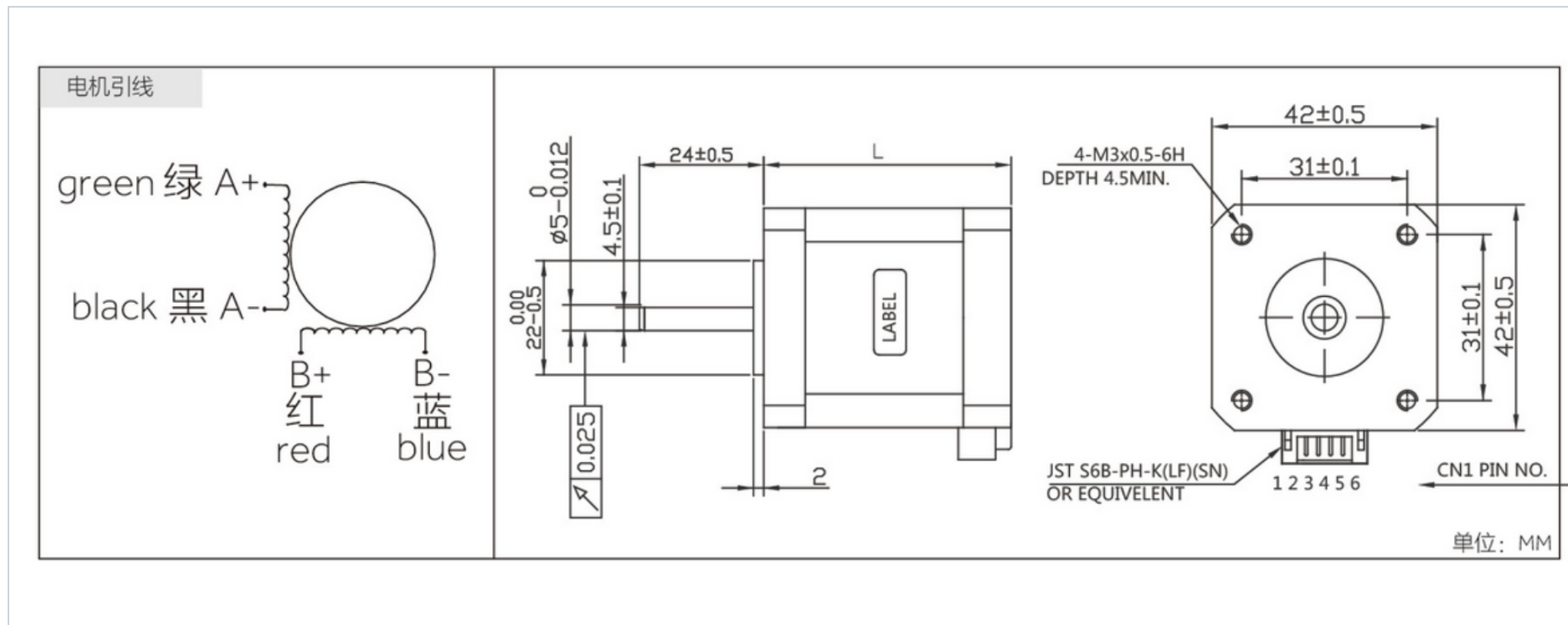
MODEL SPECIFICATIONS

TSL-42STH A SERIES STANDARD MODELS

TSL-42STH A Series Motor Model	Step Angle (deg)	Rated Current (A)	Phase Resistance (ohm)	Phase Inductance (mH)	Holding Torque (N.cm)	Detent Torque (N.cm)	Rotor Inertia (g.cm ²)	Motor Length (mm)	Lead Wires (No.)	Motor Weight (g)
TSL-42STH 2404A4	1.8	0.4	30	30	20	1.6	30	24	4	120
TSL-42STH 2806A4	1.8	0.6	8	10	12	1.6	30	28	4	150
TSL-42STH 3404A4	1.8	0.4	30	35	28	1.6	34	34	4	220
TSL-42STH 3413A4	1.8	1.3	2.2	2.8	27	1.6	34	34	4	220
TSL-42STH 3417A4	1.8	1.7	1.1	1.8	28	1.6	34	34	4	220
TSL-42STH 4004A4	1.8	0.4	30	60	40	2.2	54	40	4	280
TSL-42STH 4013A4	1.8	1.3	3	5.1	45	2.2	54	40	4	280
TSL-42STH 4017A4	1.8	1.7	1.5	2.8	41	2.2	54	40	4	280
TSL-42STH 4813A4	1.8	1.3	2.2	5.5	52	2.6	68	48	4	350
TSL-42STH 4817A4	1.8	1.7	1.8	3.2	55	2.6	68	48	4	350
TSL-42STH 4804A6	1.8	0.4	30	38	35	2.6	68	48	6	370
TSL-42STH 6015A4	1.8	1.5	4	9	70	3.6	80	60	4	480
TSL-42STH 6315A4	1.8	1.5	3	6.5	79	4	85	63	4	500

Note: Standard models shown. Electrical parameters, output shafts and cable options can be customized upon request.

The mechanical specification and wiring diagram below are reproduced exactly as supplied.



Body length L by model: 24, 28, 34, 40, 48, 60 or 63 mm.

Connection shown in the supplied drawing: Green A+, Black A-, Red B+, Blue B-.

The supplied drawing is reproduced without redrawing or alteration.