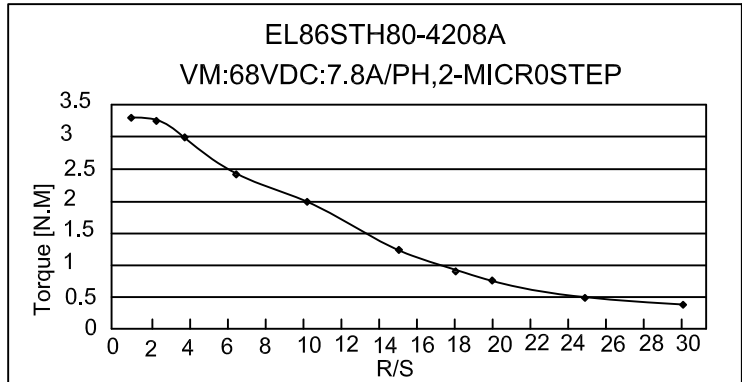
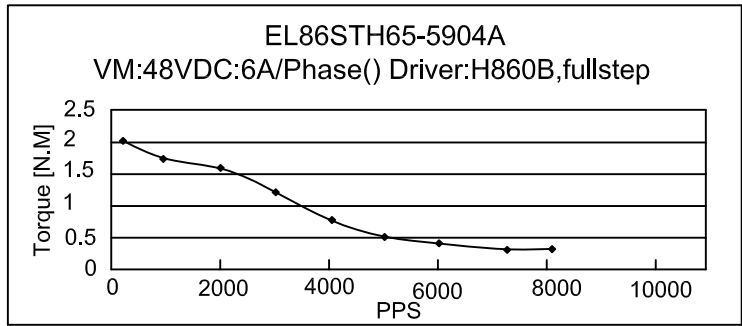
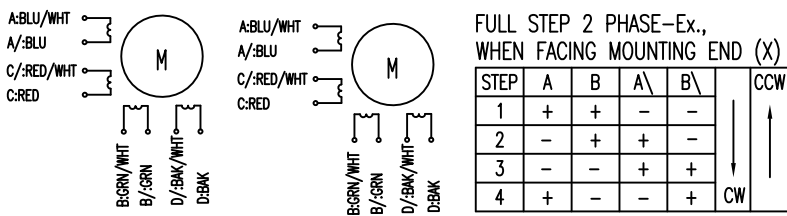
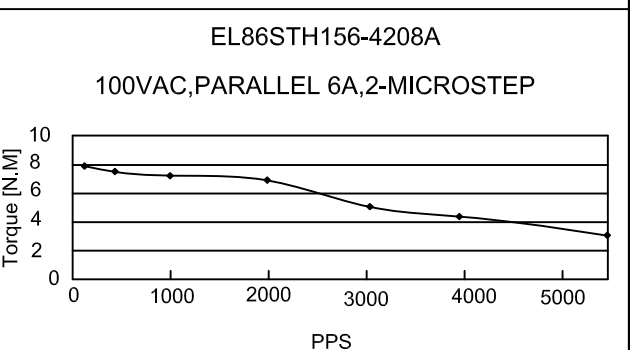
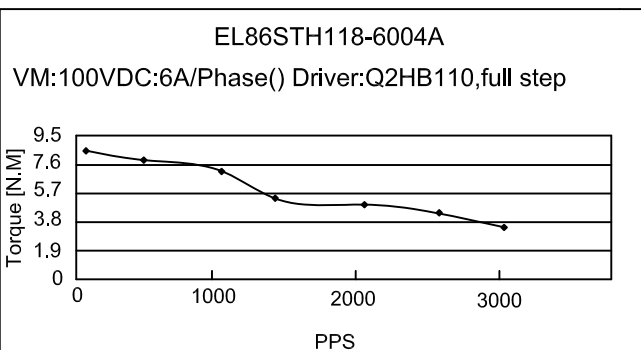


Model No.		Rated Voltage	Current /Phase	Resistance /Phase	Inductance /Phase	Holding Torque	# of Leads	Rotor Inertia	Weight	Length (Max)
Single Shaft	Double Shaft	V	A	Ω	mH	Kg.cm		g.cm ²	kg	mm
EL86STH65-5904A	EL86STH65-5904B	1.8	5.9	0.29	1.7	33	4	1000	1.7	65
EL86STH80-4208A	EL86STH80-4208B	3.4	4.2	0.8	3.5	45	8	1400	2.3	80
EL86STH118-6404A	EL86STH118-6404B	3	6	0.5	6	85	4	2700	3.8	118
EL86STH156-4208A	EL86STH156-4208B	6.2	4.2	1.46	8.68	122	8	4000	5.3	156



ITEM	SPECIFICATION
Step Angle	1.8
Step Angle Accuracy	±5%(full step,no load)
RESISTANCE Accuracy	±10%@20°C
INDUCTANCE Accuracy	±20%@1KHz
Temperature Rise	80°C MAX(rated current,2phase on)
Ambient Temperature	-20°C~+50°C
Insulation Resistance	100MΩ Min.,500VDC
Dielectric Strength	500VAC for on minute
Shaft Radial Play	0.02Max.(450 g-load)
Shaft Axial Play	0.08Max.(450 g-load)
Max Radial Force	220N(20mm from the flange)
Max Axial Force	20N



Project No.: Standard Product	Part No.: EL86ST	Material	REV 2012
Description: 86mm Hybrid stepping motor		Design:	Scale
ELMEQ ASIA www.elmeqasia.com		Approve:	

This drawing and its contents are the property of ELMEQ ASIA and must not be copied, reproduced, transmitted or disclosed to any third party without written consent of ELMEQ ASIA