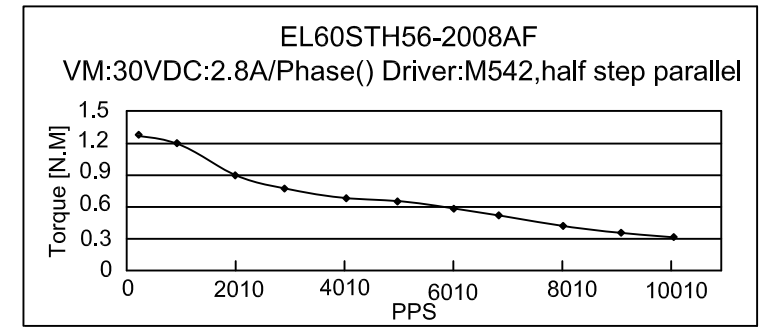
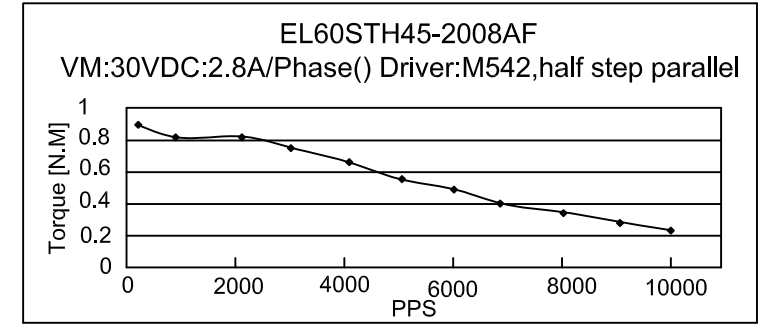
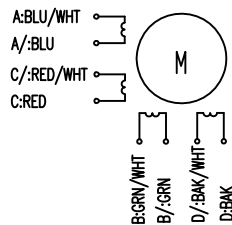
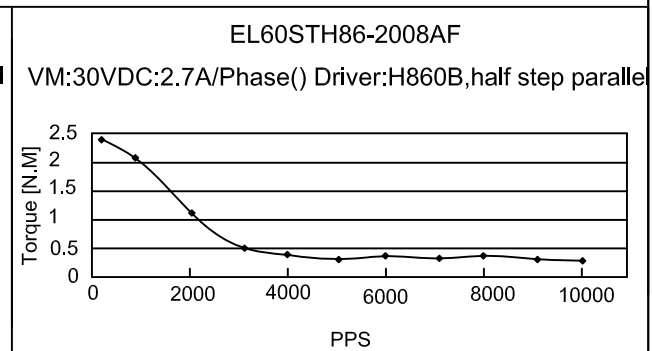
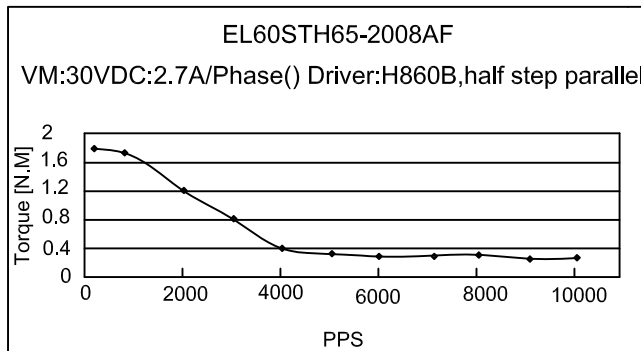


Model No.		Rated Voltage	Current /Phase	Resistance /Phase	Inductance /Phase	Holding Torque	# of Leads	Rotor Inertia	Weight	Length (Max)
Single Shaft	Double Shaft	V	A	Ω	mH	Kg.cm		g.cm ²	kg	mm
EL60STH45-2008AF	EL60STH45-2008BF	3	2	1.5	2	7.8	8	275	0.6	47
EL60STH56-2008AF	EL60STH56-2008BF	2.52	2.8	0.9	3.6	16.5	8	400	0.77	56
EL60STH65-2008AF	EL60STH65-2008BF	6.72	1.4	4.8	18.4	21	8	570	1.2	67
EL60STH86-2008AF	EL60STH86-2008BF	4.17	2.8	1.5	6.8	31	8	840	1.4	88



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	75N(20mm from the flange)
Max Axial Force	15N



FULL STEP 2 PHASE-Ex.,
WHEN FACING MOUNTING END (X)

STEP	A	B	A\	B\	CCW
1	+	+	-	-	↓
2	-	+	+	-	
3	-	-	+	+	↑
4	+	-	-	+	

Project No.: Standard Product	Part No.: EL60ST	Material	REV 2012
Description: 60mm 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