

# 2-Phase Hybrid Stepping Motor

1.8°

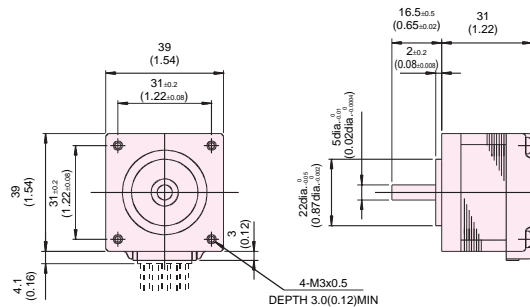
# KH39 series 800 type

HIGH TORQUE, LOW VIBRATION AND LOW NOISE

## STANDARD SPECIFICATIONS

MODEL	UNIT	KH39GM2	
		-801	-851
DRIVE METHOD	————	UNI-POLAR	(BI-POLAR)
NUMBER OF PHASES	————	2	2
STEP ANGLE	deg./step	1.8	1.8
VOLTAGE	V	6.4	4.6
CURRENT	A/PHASE	0.47	0.65
RESISTANCE	Ω/PHASE	13.6	7.0
INDUCTANCE	mH/PHASE	9.8	9.8
HOLDING TORQUE	mN • m	127	157
	oz • in	18	22
DETENT TORQUE	mN • m	11.8	11.8
	oz • in	1.7	1.7
ROTOR INERTIA	g • cm <sup>2</sup>	27	27
	oz • in <sup>2</sup>	0.15	0.15
WEIGHT	g	240	240
	lb	0.53	0.53
INSULATION CLASS	————	E EQUIVALENT (120°C 248°F) (UL VALUE : CLASS B-130°C)	
INSULATION RESISTANCE	————	500VDC 100MΩmin.	
DIELECTRIC STRENGTH	————	500VAC 50HZ 1min.	
OPERATING TEMP.RANGE	°C	0 to 50	
ALLOWABLE TEMP.RISE	deg.	70	

## DIMENSIONS unit = mm (inch)

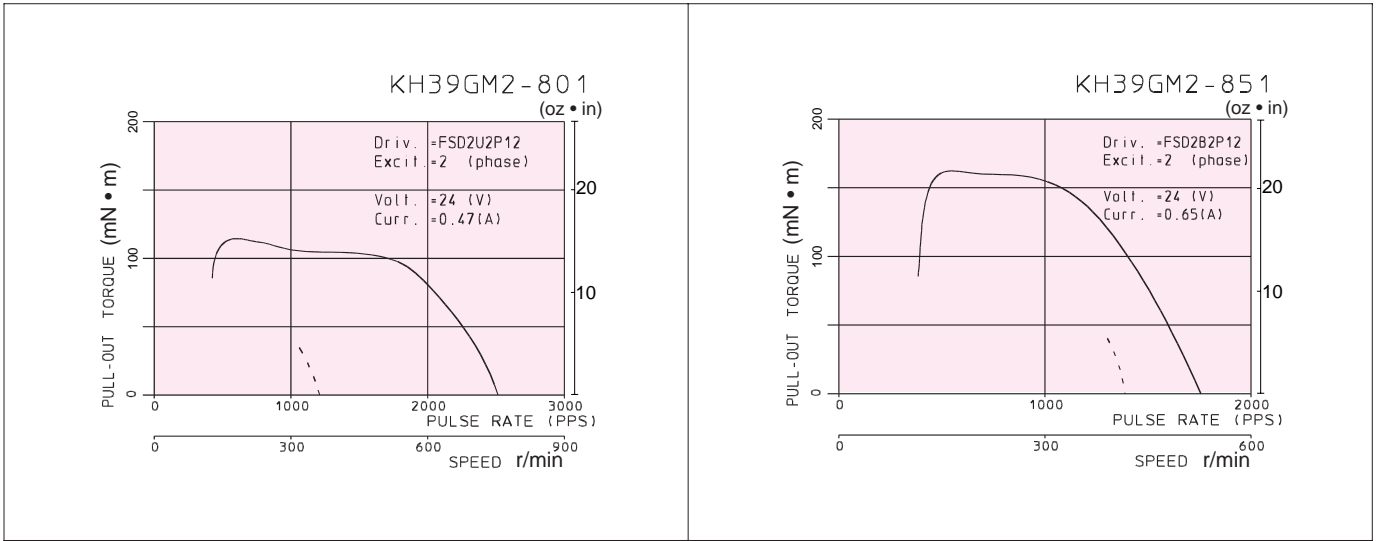




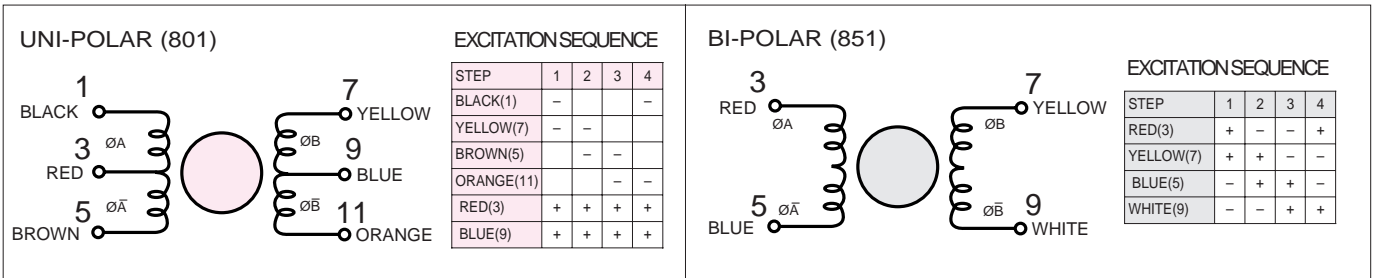
## Features

1. High torque  
Output is 1.3 times as high as conventional products.
2. Low noise -7dB(A) quieter than conventional products.

### ■ TORQUE CHARACTERISTICS vs. PULSE RATE



### ■ CONNECTION DIAGRAMS



### ■ CONNECTION CABLE TO MOTOR unit = mm (inch)

