

# 2-Phase Hybrid Stepping Motor

# KH39 series 800 type **1.8°**

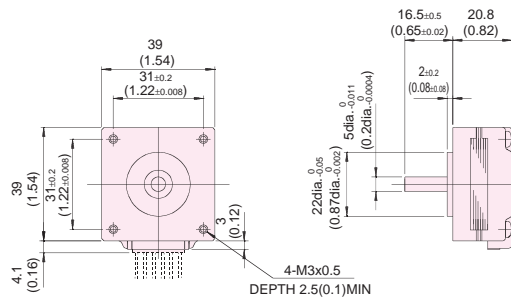
**HIGH TORQUE, LOW VIBRATION AND LOW NOISE**

**ANGEBOT ANFORDERN**  
Bitte hier klicken

## STANDARD SPECIFICATIONS

MODEL	UNIT	KH39EM2	
		-801	-851
SHAFT	————	SINGLE	
DRIVE METHOD	————	UNI-POLAR	BI-POLAR
NUMBER OF PHASES	————	2	2
STEP ANGLE	deg./step	1.8	1.8
VOLTAGE	V	5.6	3.6
CURRENT	A/PHASE	0.4	0.6
RESISTANCE	Ω/PHASE	14.0	6.0
INDUCTANCE	mH/PHASE	6.4	5.5
HOLDING TORQUE	mN • m	59	78
	oz • in	8.3	11
DETENT TORQUE	mN • m	7.9	7.9
	oz • in	1.1	1.1
ROTOR INERTIA	g • cm <sup>2</sup>	14	14
	oz • in <sup>2</sup>	0.08	0.08
WEIGHT	g	110	110
	lb	0.24	0.24
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)





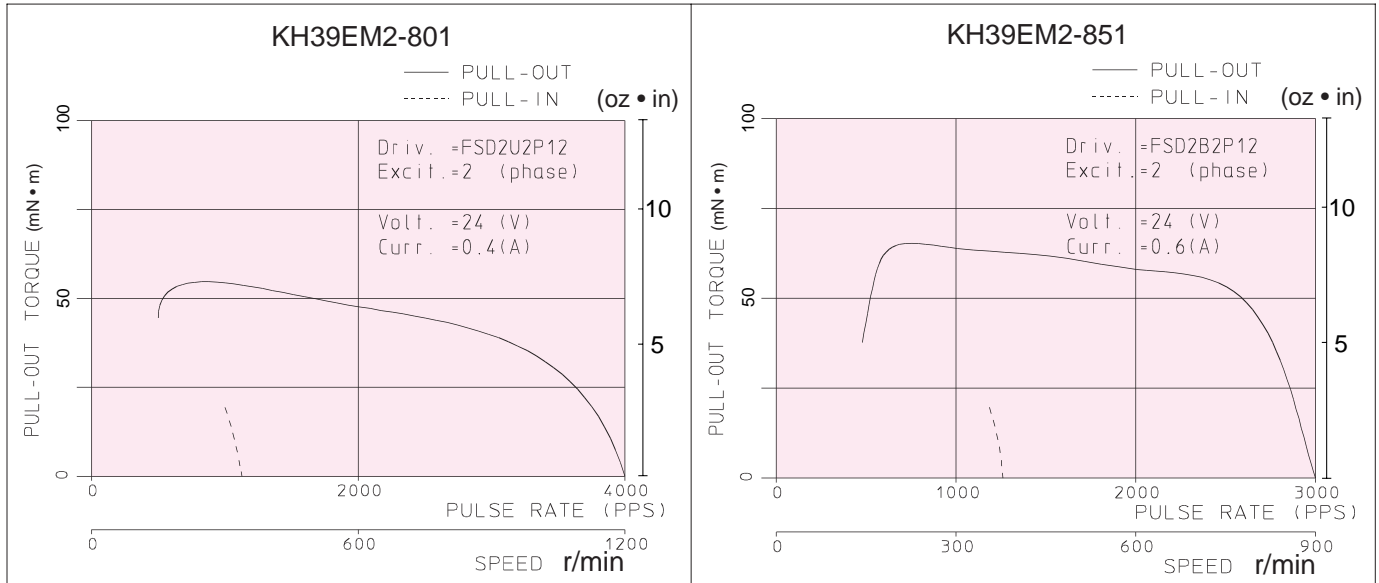
## Features

### 1. High torque

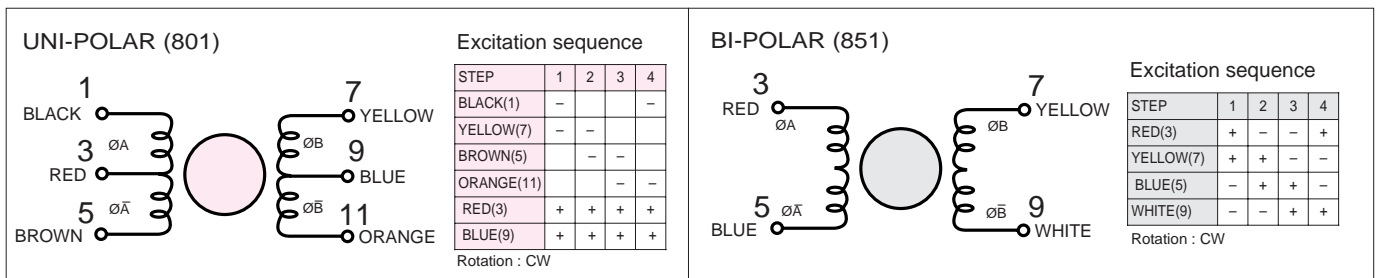
Output is 1.3 times as high as conventional products.

### 2. Low noise -7dB(A)quieter than conventional products.

## TORQUE CHARACTERISTICS VS PULSE RATE



## CONNECTION DIAGRAMS



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

