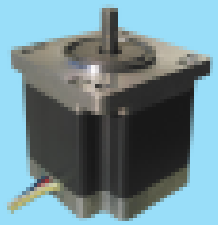
2-Phase Hybrid Stepping Motor
KH60 Series

KH60

1.8°/step

□56mm



Bi-Polar

SINGLE SHAFT

MODEL
KH6054-B9510□
KH6065-B9510□

■FEATURES

● High Torque (Up at Peak time 15 to 20% higher than our previous products)

■SPECIFICATIONS

STEP ANGLE ° /step	VOLTAGE V	CURRENT A/PHASE	WINDING RESISTANCE Ω/PHASE	INDUCTANCE mH/PHASE	HOLDING TORQUE N・m	ROTOR INERTIA g・cm²	MODEL
1.8	3.08	2.8	1.1	3.3	(1.95)	520	KH6054-B9510□
1.8	3.92	2.8	1.4	3.8	(2.4)	680	KH6065-B9510□

Note : KH60 is ready to two mounting dimensions.

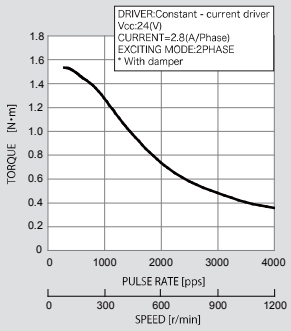
□ End of model name	Mounting hole pitch	Mounting inlay diameter
1	47.14	φ38.1
2	50	φ36

[GENERAL SPECIFICATIONS]

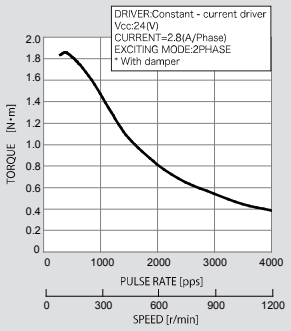
INSULATION RESISTANCE	500V DC 100MΩ min.(at normal temp.& humidity,between lead and case)
DIELECTRIC STRENGTH	500V AC 50Hz 1min.(at normal temp.& humidity,between lead and case)
AMBIENT TEMP. AND HUMIDITY	-10℃～+50℃、5%～95%RH(noncondensing)
STORAGE TEMP.AND HUMIDITY	-20℃～+70℃、5%～95%RH(noncondensing)
TEMPERATURE. RISE	70K max(By resistance method)
POSITION ACCURACY	±10%

■SPEED-TORQUE CHARACTERISTICS

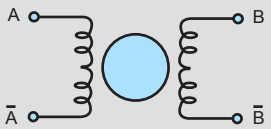
KH6054-B9510□



KH6065-B9510□



■CONNECTION DIAGRAMS



PHASE	A	Ā	B	B̄
COLOR OF LEAD	RED	BLUE	YELLOW	WHITE

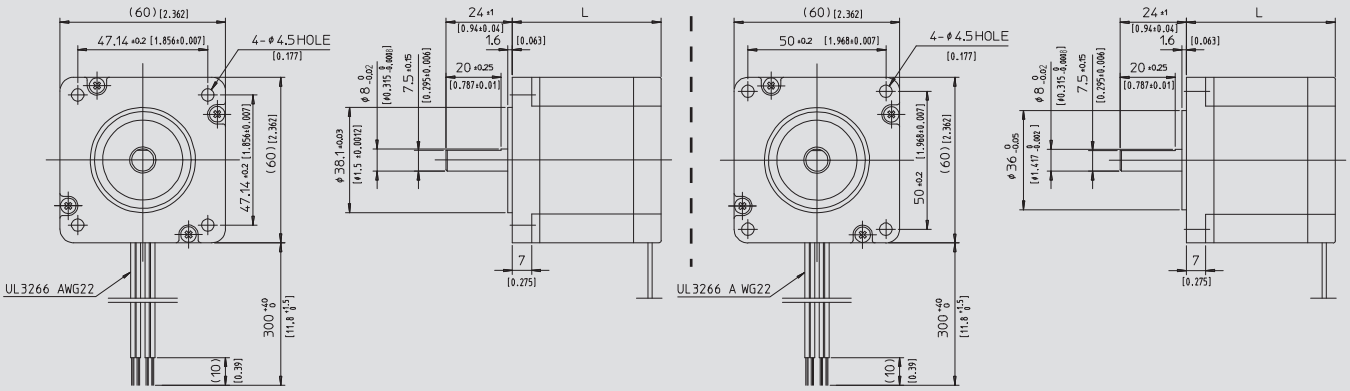
CW viewed from rotor shaft when using the following sequence diagram.

EXCIATION SEQUENCE

PHASE	1	2	3	4
A	+	+	−	−
B	−	+	+	−
Ā	−	−	+	+
B̄	+	−	−	+

■DIMENSIONS

Unit = mm [inch]



□ End of model name 1

MODEL	L mm(inch)	mass kg(oz)
KH6054	54(2.126)	0.83(29.3)
KH6065	65(2.559)	1.02(36.0)

□ End of model name 2