

KH86

New

1.8°/step

□ 86mm



Application

- Large-size printer
- Industrial sewing machine
- Food packaging machine
- Weaving machine

SINGLE SHAFT

MODEL
KH86QM2-951
KH86QM2-952
KH86RM2-951
KH86RM2-952
KH86TM2-951
KH86TM2-952
KH86WM2-951
KH86WM2-952

DOUBLE SHAFT

MODEL
KH86QM2-961
KH86QM2-962
KH86RM2-961
KH86RM2-962
KH86TM2-961
KH86TM2-962
KH86WM2-961
KH86WM2-962

FEATURES

- Non-rare earth magnet models
- High Torque

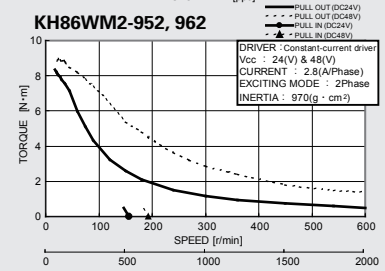
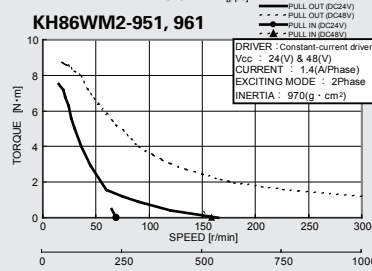
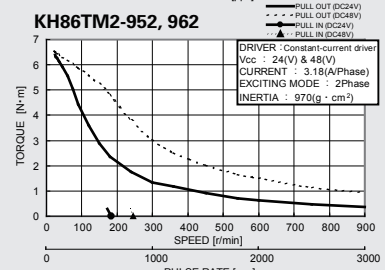
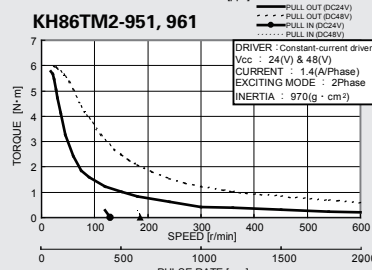
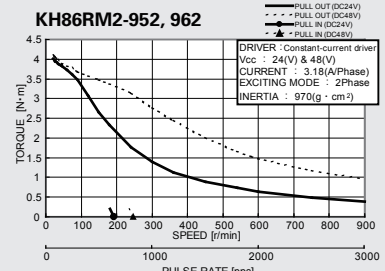
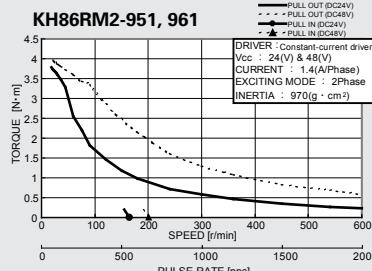
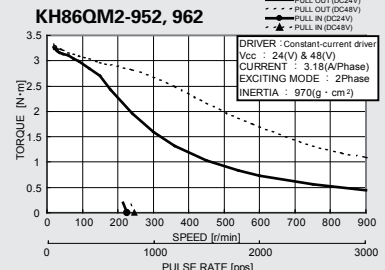
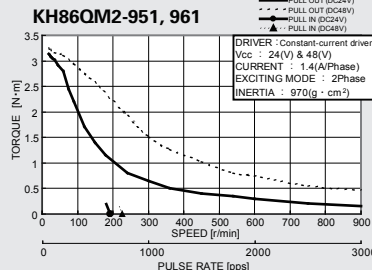
SPECIFICATIONS

STEP ANGLE °/step	VOLTAGE V	CURRENT A/PHASE	WINDING RESISTANCE Ω/PHASE	INDUCTANCE mH/PHASE	HOLDING TORQUE N·m	kgf·cm	ROTOR INERTIA g·cm ²	MODEL	
								SINGLE SHAFT	DOUBLE SHAFT
1.8	5.04	1.4	3.6	23	3.3	33.7	1800	KH86QM2-951	KH86QM2-961
1.8	2.99	3.18	0.94	4.5	3.3	33.7	1800	KH86QM2-952	KH86QM2-962
1.8	5.60	1.4	4.2	31	4.0	40.8	2300	KH86RM2-951	KH86RM2-961
1.8	3.12	3.18	1.0	5.9	4.0	40.8	2300	KH86RM2-952	KH86RM2-962
1.8	7.84	1.4	5.6	47.5	6.4	65.3	3700	KH86TM2-951	KH86TM2-961
1.8	4.20	3.18	1.32	9.1	6.4	65.3	3700	KH86TM2-952	KH86TM2-962
1.8	10.64	1.4	7.6	68	9.3	94.8	5500	KH86WM2-951	KH86WM2-961
1.8	5.32	2.8	1.9	14	9.3	94.8	5500	KH86WM2-952	KH86WM2-962

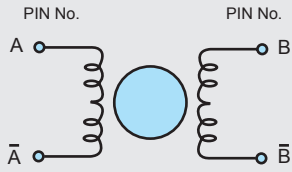
[GENERAL SPECIFICATIONS]

INSULATION RESISTANCE	500V DC 100MΩ min. (at normal temp.& humidity,between lead and case)
DIELECTRIC STRENGTH	500V AC 50Hz 1min.
AMBIENT TEMP. AND HUMIDITY	-10°C~+50°C, 5%~95%RH (noncondensing)
STORAGE TEMP. AND HUMIDITY	-20°C~+70°C, 5%~95%RH (noncondensing)
TEMPERATURE. RISE	80K max (By resistance method)
POSITION ACCURACY	±10%

SPEED-TORQUE CHARACTERISTICS



CONNECTION DIAGRAMS



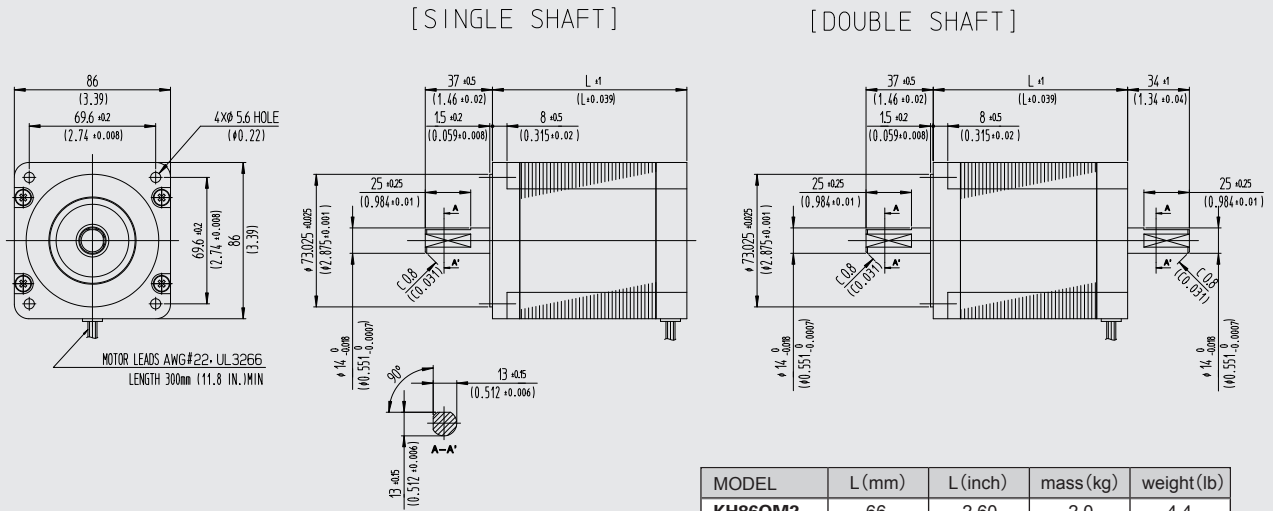
PHASE	A	\bar{A}	B	\bar{B}
COLOR OF LEAD	RED	BLUE	YELLOW	WHITE

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

EXCITATION SEQUENCE

PHASE	1	2	3	4
A	-	+	+	-
B	-	-	+	+
\bar{A}	+	-	-	+
\bar{B}	+	+	-	-

DIMENSIONS Unit = mm(inch)



MODEL	L (mm)	L (inch)	mass (kg)	weight (lb)
KH86QM2	66	2.60	2.0	4.4
KH86RM2	74	2.91	2.5	5.5
KH86TM2	96	3.78	3.0	6.6
KH86WM2	127	5.00	4.5	9.9