

3-Phase Hybrid Stepping Motor

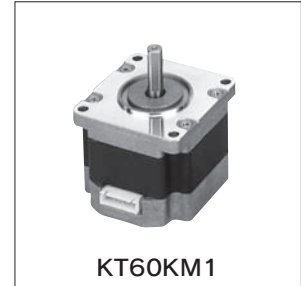
1.2°

KT60 series TRISYN

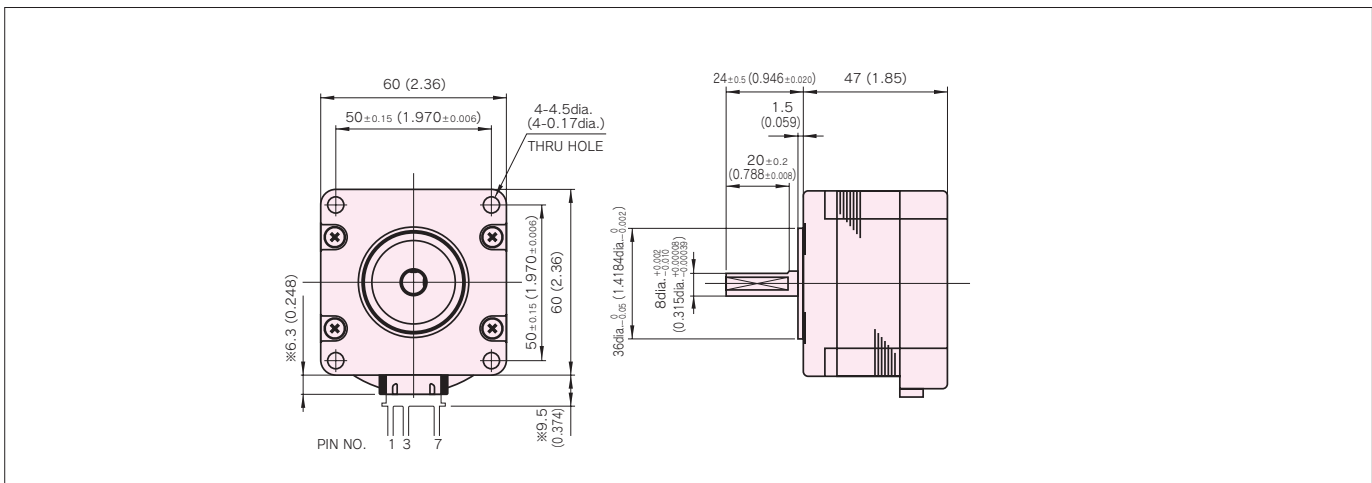
HIGH TORQUE, SILENT ROTATION

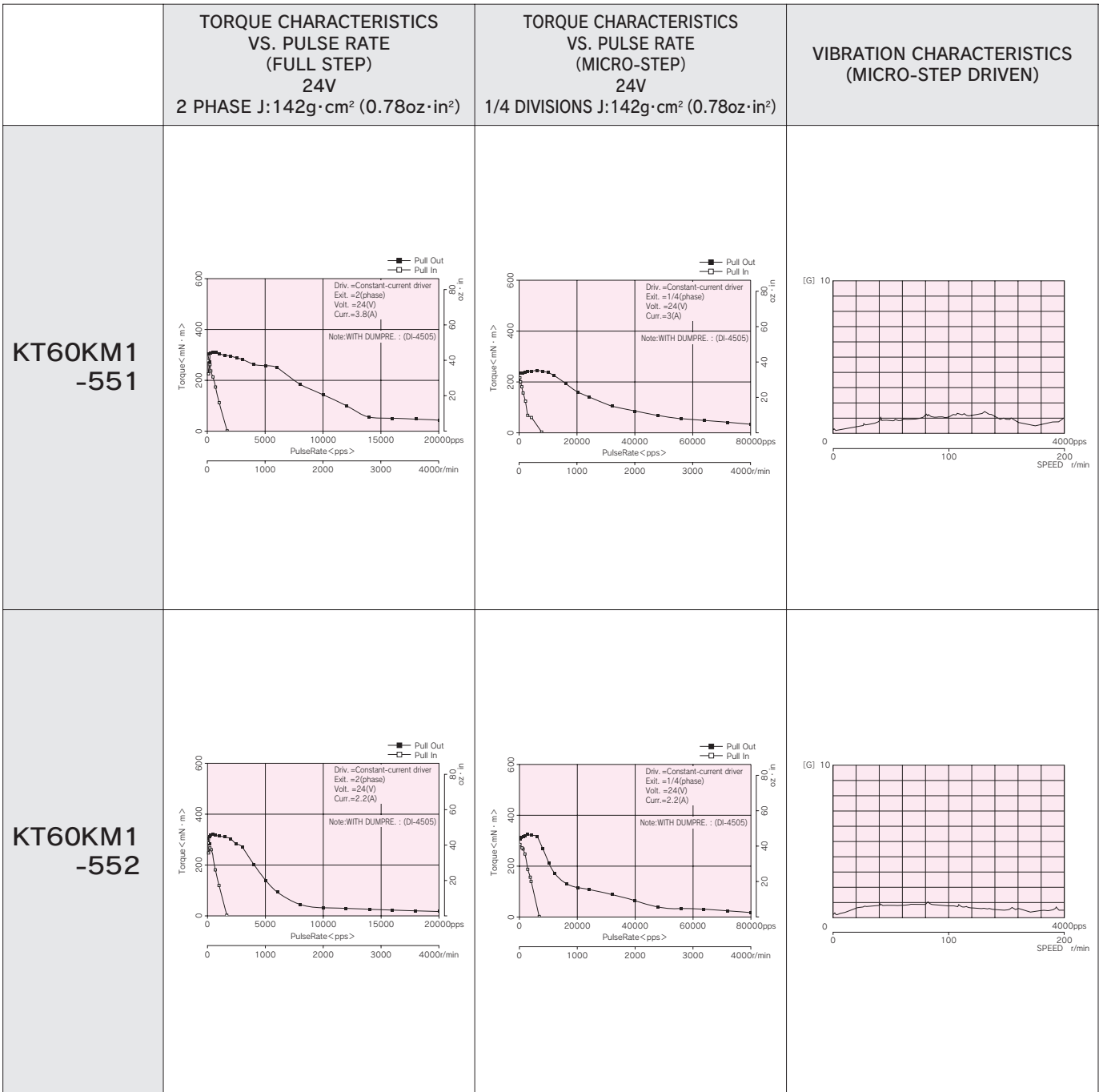
STANDARD SPECIFICATIONS

MODEL	UNIT	KT60KM1	
		-551	-552
DRIVE METHOD	————	BI-POLAR	
NUMBER OF PHASES	————	3	
STEP ANGLE	deg./step	1.2	
VOLTAGE	V	2.09	3.52
CURRENT	A/2-PHASE	3.8	2.2
WINDING RESISTANCE	Ω/2-PHASE	0.55	1.6
INDUCTANCE	mH/2-PHASE	0.8	2.5
HOLDING TORQUE	mN · m	320	320
	oz · in	45.3	45.3
DETENT TORQUE	mN · m	18	18
	oz · in	2.6	2.6
ROTOR INERTIA	g · cm ²	170	170
	oz · in ²	0.93	0.93
WEIGHTS	g	550	550
	lb	1.2	1.2
INSULATION CLASS	————	JIS Class E (120°C 248° F)(UL VALUE:CLASS B 130°C 266° F)	
INSULATION RESISTANCE	————	500VDC 100MΩmin.	
DIELECTRIC STRENGTH	————	500VAC 50HZ 1min.	
OPERATING TEMP. RANGE	°C	0 to 50	
ALLOWABLE TEMP. RISE	K	70	



DIMENSIONS unit = mm (inch)





■ CONNECTION CABLE TO MOTOR unit = mm (inch)

