

3-Phase Hybrid Stepping Motor

1.2°

KT56 series *TRISYN*

HIGH TORQUE, SILENT ROTATION

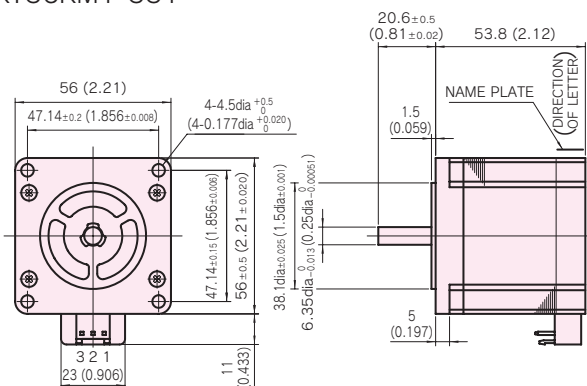
STANDARD SPECIFICATIONS

M O D E L	UNIT	KT56KM1-551	KT56QM1-551
DRIVE METHOD	————	BI-POLAR	
NUMBER OF PHASES	————	3	
STEP ANGLE	deg./step	1.2	
VOLTAGE	V	4.2	5.1
CURRENT	A/2-PHASE	3.0	3.0
WINDING RESISTANCE	Ω/2-PHASE	1.4	1.7
INDUCTANCE	mH/2-PHASE	1.8	2.4
HOLDING TORQUE	mN · m	690	1100
	oz · in	97.7	155.7
DETENT TORQUE	mN · m	45	80
	oz · in	6.4	11.3
ROTOR INERTIA	g · cm ²	210	360
	oz · in ²	1.15	1.97
WEIGHTS	g	650	980
	lb	1.4	2.1
INSULATION CLASS	————	JIS Class B (130°C 266° F)(UL VALUE:CLASS B 130°C 266° F)	
INSULATION RESISTANCE	————	500VDC 100MΩmin.	
DIELECTRIC STRENGTH	————	500VAC 50HZ 1min.	
OPERATING TEMP. RANGE	°C	-10 to 50	
ALLOWABLE TEMP. RISE	K	80	

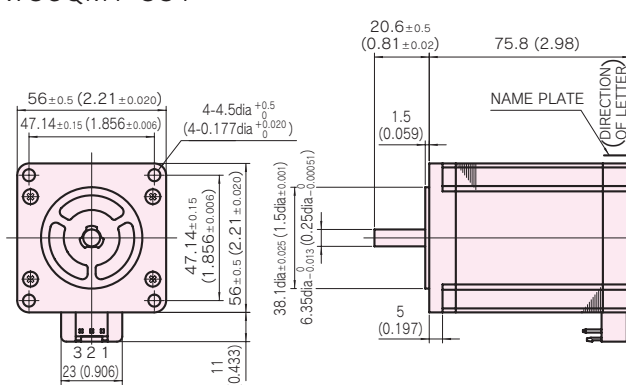


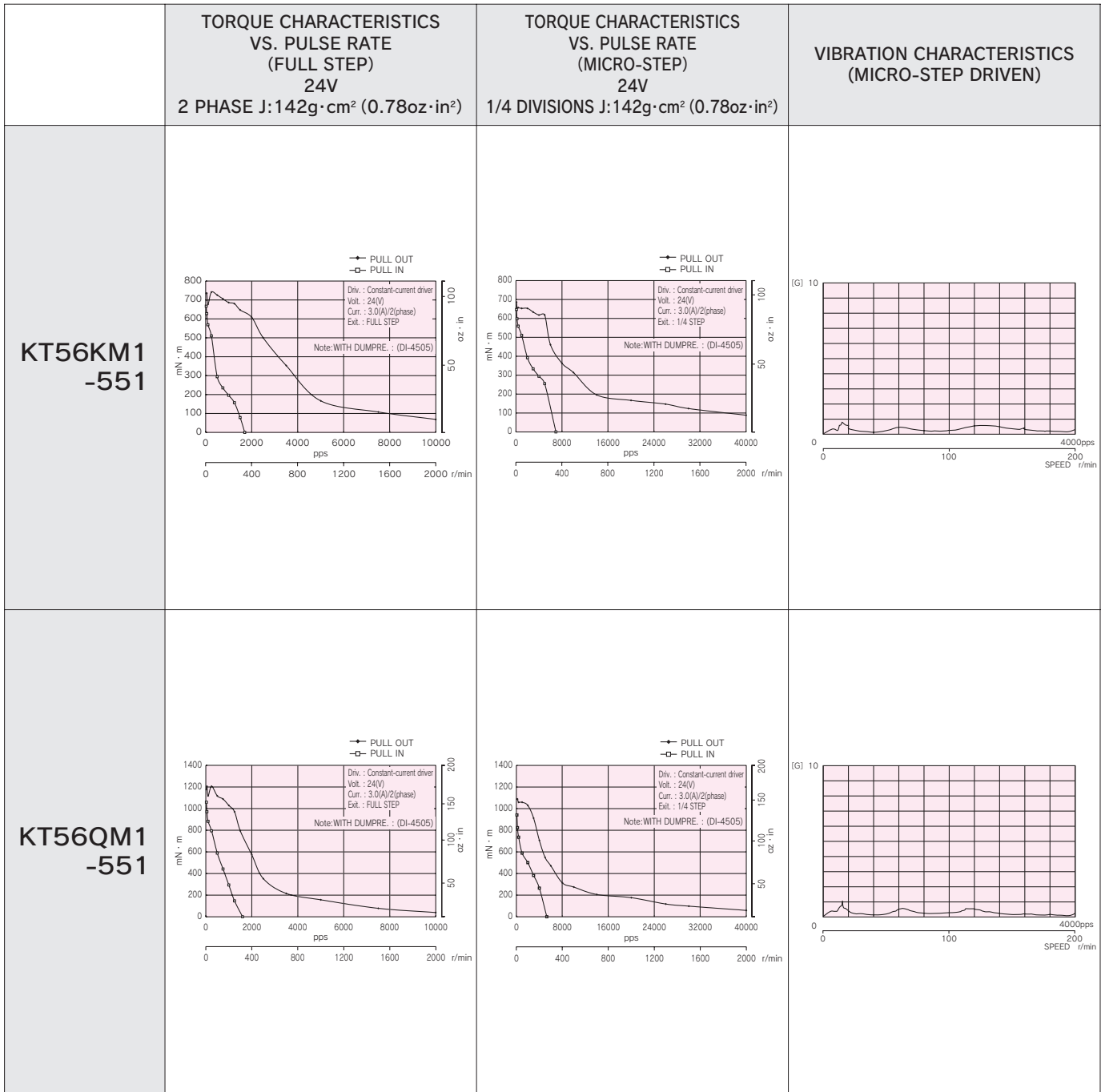
DIMENSIONS unit = mm (inch)

KT56KM1-551



KT56QM1-551





CONNECTION CABLE TO MOTOR unit = mm (inch)

