

3-Phase Hybrid Stepping Motor

3.75°

KR42 series TRISYN

HIGH TORQUE, LOW VIBRATION AND LOW OPERATING NOISE

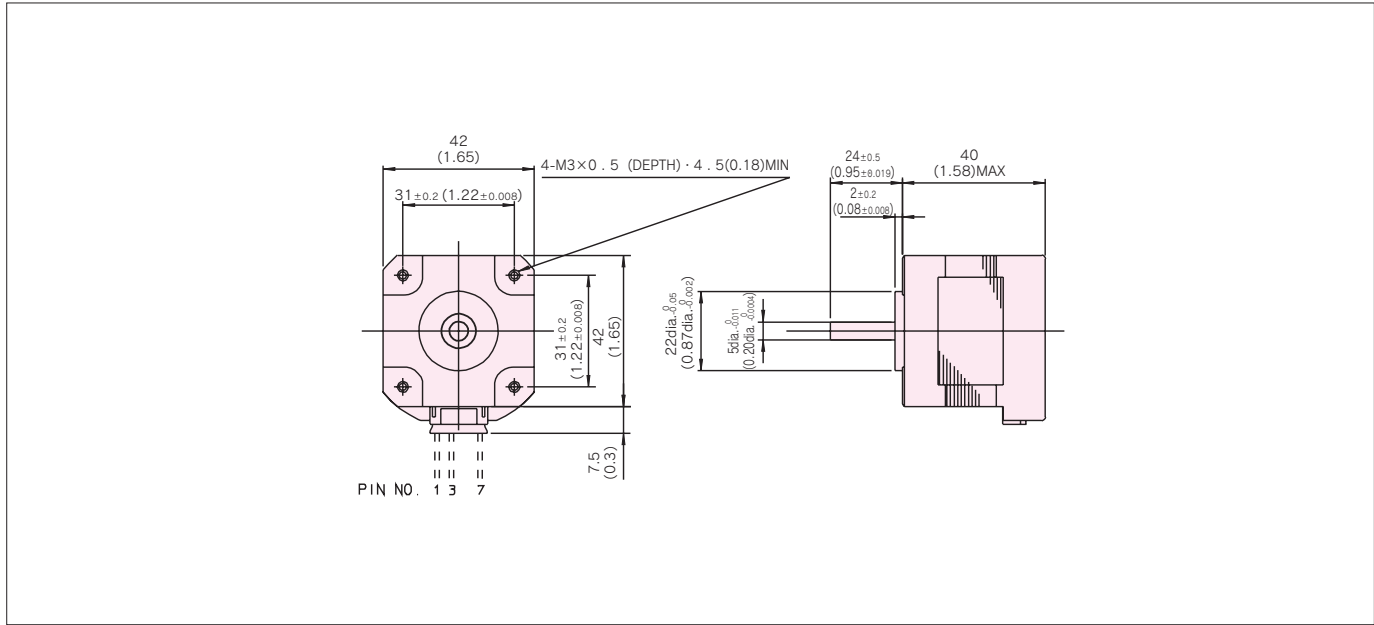
STANDARD SPECIFICATIONS

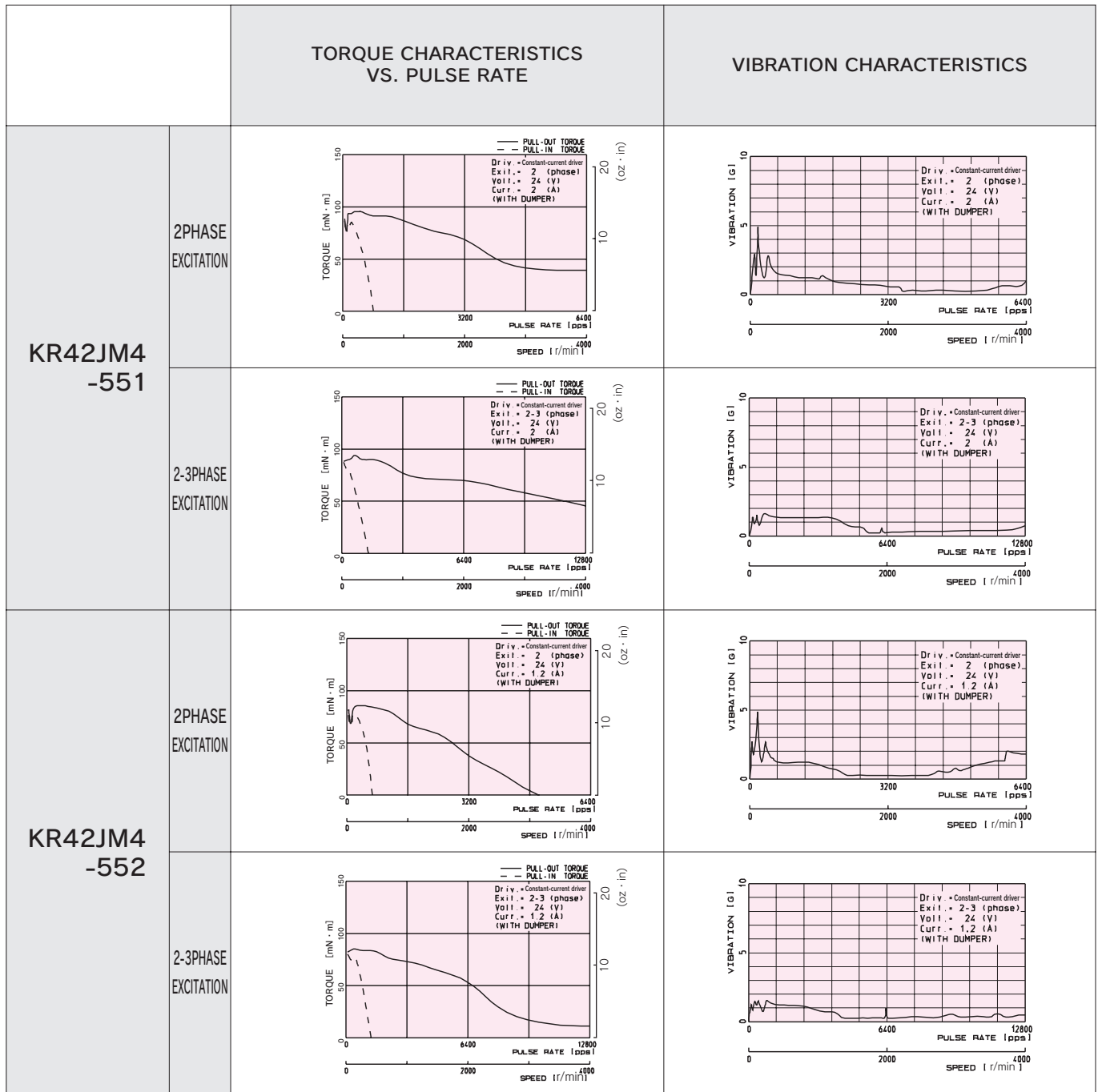
MODEL	UNIT	KR42JM4	
		-551	-552
NUMBER OF PHASES	—	3	
STEP ANGLE	deg./step	3.75	
VOLTAGE	V	3.5	5.2
CURRENT	A/2-PHASE	2	1.2
WINDING RESISTANCE	Ω/2-PHASE	1.75	0
INDUCTANCE	mH/2-PHASE	2.1	5.5
HOLDING TORQUE	mN · m	※1 98.1	※2 98.1
	oz · in	12.5	12.5
DETENT TORQUE	mN · m	9.8	9.8
	oz · in	1.4	1.4
ROTOR INERTIA	g · cm ²	45	45
	oz · in ²	0.25	0.25
WEIGHTS	g	240	240
	lb	0.53	0.53
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 1 min.	
OPERATING TEMP. RANGE	°C	0 to 50	
ALLOWABLE TEMP. RISE	K	70	



※ 1 : 2A/2-Phase
 ※ 2 : 1.3A/2-Phase

DIMENSIONS unit = mm (inch)





■ CONNECTION CABLE TO MOTOR unit = mm (inch) (Except for KT42EM4-551)

