Minebea

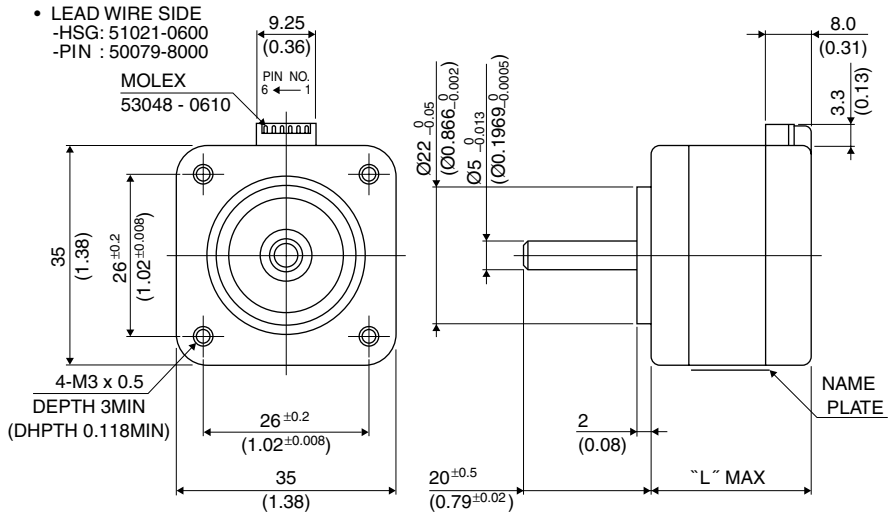
14PM-M

35□ 1.8°

1.8°

Hybrid

Outline



UNIT: mm / (inch)

PIN NO. vs. PHASE

PHASE	A	A COM	$\bar{A}$	B	B COM	$\bar{B}$
PIN NO.	4	5	6	3	2	1

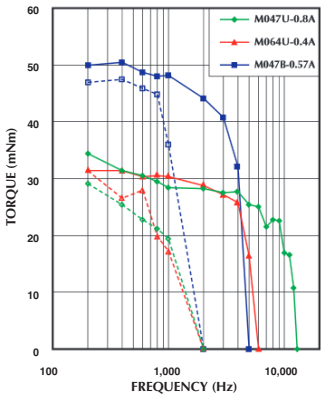
	"L"
14PM-M2**	22(0.87)
14PM-M0**	26(1.02)
14PM-M1**	38(1.50)
14PM-M4**	53(2.09)

Specifications

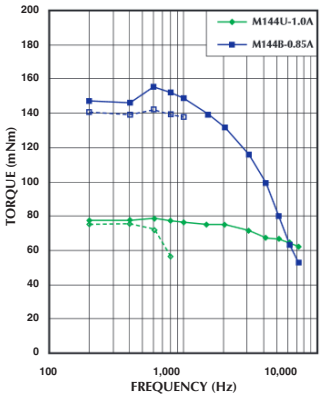
Model	Step Angle	Drive Sequence	Rated Current	Resistance	Holding Torque	Inductance	Rotor Inertia	Detent Torque	Mass
	(deg)		(A)	(Ohms)	(mNm)	(mH)	(g•cm²)	(mNm)	(g)
14PM-M047U	1.8	UNI-POLAR	0.8	2.4	34	1.5	8	5.8	120
14PM-M064U	1.8	UNI-POLAR	0.4	9.0	34	5.8	8	5.8	120
14PM-M144U	1.8	UNI-POLAR	1.0	2.7	125	1.6	11	19.6	200
14PM-M247U	1.8	UNI-POLAR	0.8	1.9	24	0.8	5	4.7	105
14PM-M264U	1.8	UNI-POLAR	0.4	7.6	24	3.1	5	4.7	105
14PM-M444U	1.8	UNI-POLAR	1.0	4.0	190	2.8	32	34.3	300
14PM-M047B	1.8	BI-POLAR	0.6	4.8	50	6.1	8	5.8	120
14PM-M144B	1.8	BI-POLAR	0.85	5.4	176	6.5	11	19.6	200
14PM-M247B	1.8	BI-POLAR	0.6	3.8	34	3.2	5	4.7	105
14PM-M444B	1.8	BI-POLAR	0.7	8.0	225	10.5	32	31.9	300

Torque/Speed Characteristics

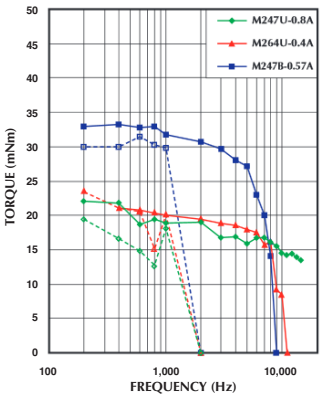
Model No: 14PM-M047U,M064U,M047B
Driver: Chopper Dual
Supply Voltage: 24.0 (Volt)



Model No: 14PM-M144U,M144B
Driver: Chopper Dual
Supply Voltage: 24.0 (Volt)



Model No: 14PM-M247U,M264U,M247B
Driver: Chopper Dual
Supply Voltage: 24.0 (Volt)



Model No: 14PM-M444U,M444B
Driver: Chopper Dual
Supply Voltage: 24.0 (Volt)