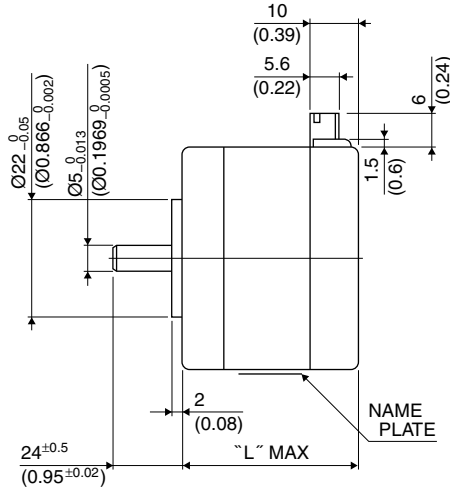
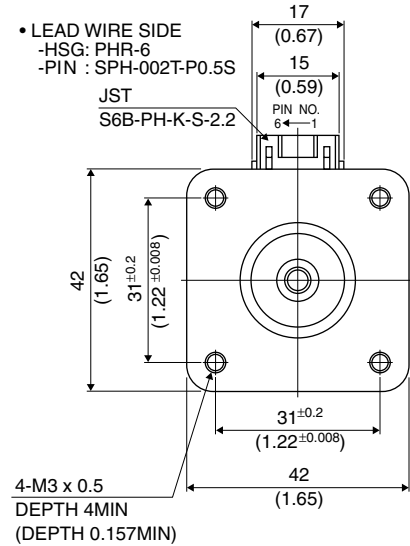


# 42 □ 1.8°

# 17PM-K

# 1.8°

## ■ Outline



Hybrid

PIN NO. vs. PHASE

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

	"L"
17PM-K7**	26 (1.02)
17PM-K2**	30 (1.18)
17PM-K0**	34 (1.34)
17PM-K3**	38 (1.50)
17PM-K1**	42 (1.65)
17PM-K4**	48 (1.89)
17PM-KA**	60 (2.36)

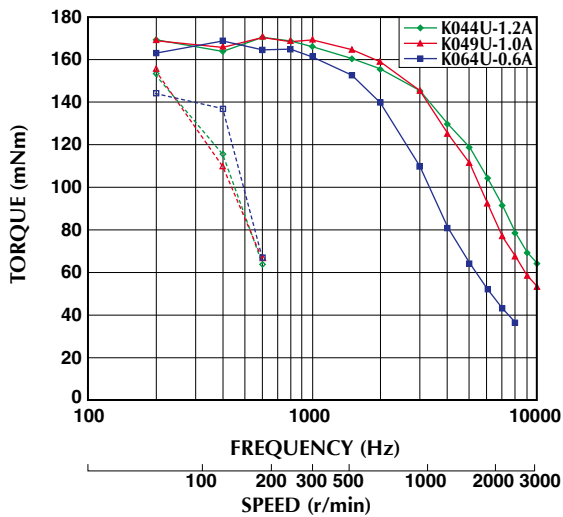
## ■ Specifications

Model	Step Angle (deg)	Drive Sequence	Rated Current (A)	Resistance (Ohms)	Holding Torque (mNm)	Inductance (mH)	Rotor Inertia (g·cm <sup>2</sup> )	Detent Torque (mNm)	Mass (g)
17PM-K044U	1.8	UNI-POLAR	1.2	2.3	200	2.2	37	11.0	200
17PM-K049U	1.8	UNI-POLAR	1.0	3.2	200	3.2	37	11.0	200
17PM-K064U	1.8	UNI-POLAR	0.6	8.3	200	8.1	37	11.0	200
17PM-K142U	1.8	UNI-POLAR	1.4	2.3	280	3.2	62	11.8	300
17PM-K149U	1.8	UNI-POLAR	1.0	4.3	280	6.0	62	11.8	300
17PM-K249U	1.8	UNI-POLAR	0.8	2.7	100	3.0	24	4.3	180
17PM-K264U	1.8	UNI-POLAR	0.6	6.9	100	7.4	24	4.3	180
17PM-K342U	1.8	UNI-POLAR	1.4	2.0	250	2.5	50	11.3	250
17PM-K349U	1.8	UNI-POLAR	1.0	3.6	250	4.7	50	11.3	250
17PM-K442U	1.8	UNI-POLAR	1.4	2.8	400	3.4	75	16.7	350
17PM-K449U	1.8	UNI-POLAR	1.0	4.9	400	6.5	75	16.7	350
17PM-K749U	1.8	UNI-POLAR	0.9	2.2	50	1.6	11	2.8	150
17PM-K764U	1.8	UNI-POLAR	0.6	5.6	50	4.1	11	2.8	150
17PM-KA39U	1.8	UNI-POLAR	1.4	2.9	485	4.0	120	21.6	490
17PM-KA46U	1.8	UNI-POLAR	1.0	5.6	485	8.1	120	21.6	490

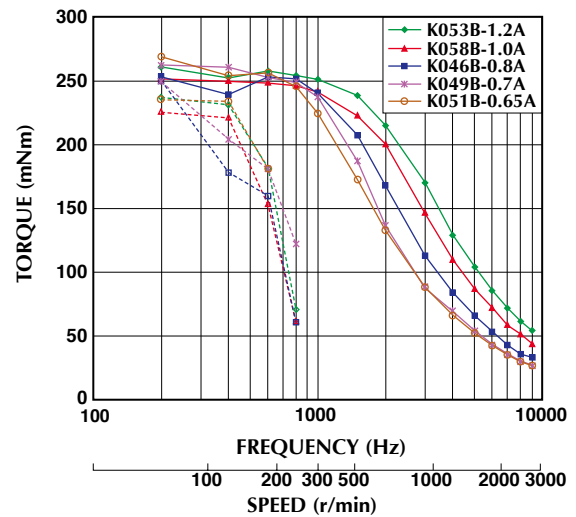
Model	Step Angle (deg)	Drive Sequence	Rated Current (A)	Resistance (Ohms)	Holding Torque (mNm)	Inductance (mH)	Rotor Inertia (g·cm <sup>2</sup> )	Detent Torque (mNm)	Mass (g)
17PM-K053B	1.8	BI-POLAR	1.2	2.2	270	4.6	37	11.0	200
17PM-K058B	1.8	BI-POLAR	1.0	3.0	270	6.4	37	11.0	200
17PM-K046B	1.8	BI-POLAR	0.8	5.0	270	10.3	37	11.0	200
17PM-K049B	1.8	BI-POLAR	0.7	6.4	270	12.8	37	11.0	200
17PM-K051B	1.8	BI-POLAR	0.65	7.8	270	15.9	37	11.0	200
17PM-K149B	1.8	BI-POLAR	1.4	2.2	380	6.1	62	11.8	300
17PM-K142B	1.8	BI-POLAR	1.0	4.6	380	12.9	62	11.8	300
17PM-K249B	1.8	BI-POLAR	0.6	5.4	140	12.0	24	4.3	180
17PM-K348B	1.8	BI-POLAR	1.4	1.8	310	4.3	50	11.3	250
17PM-K353B	1.8	BI-POLAR	1.2	2.5	310	6.2	50	11.3	250
17PM-K342B	1.8	BI-POLAR	0.9	4.0	310	9.9	50	11.3	250
17PM-K349B	1.8	BI-POLAR	0.7	7.4	310	18.0	50	11.3	250
17PM-K448B	1.8	BI-POLAR	1.5	2.4	500	5.8	75	16.7	350
17PM-K442B	1.8	BI-POLAR	0.9	5.6	500	13.6	75	16.7	350
17PM-K749B	1.8	BI-POLAR	0.6	4.4	65	6.4	11	2.8	150
17PM-KA45B	1.8	BI-POLAR	1.5	2.7	610	7.5	120	21.6	490
17PM-KA39B	1.8	BI-POLAR	1.0	6.0	610	15.9	120	21.6	490

## Torque/Speed Characteristics

Model No: 17PM-K044U,K049U,K064U  
 Driver: Chopper Dual  
 Supply Voltage: 24.0 (Volt)



Model No: 17PM-K053B,K058B,K046B,K049B,K051B  
 Driver: Chopper Dual  
 Supply Voltage: 24.0 (Volt)

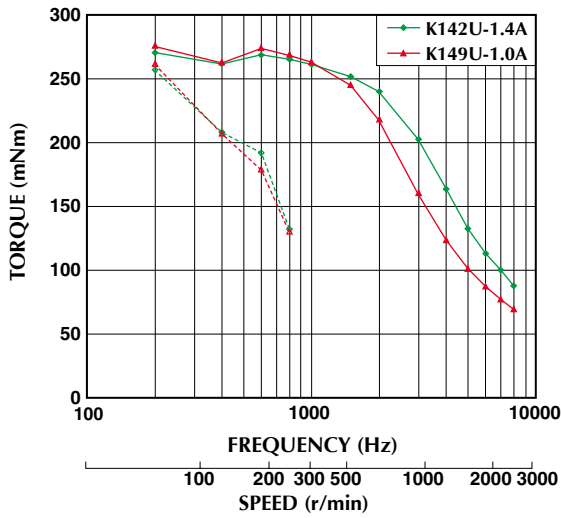


— : PULL OUT  
 - - - : PULL IN

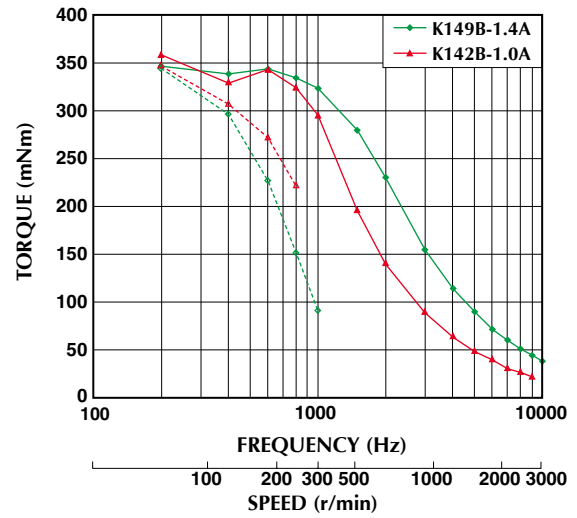
Torque/Speed characteristics are for reference only and it may change when operated at different drive conditions.

## Torque/Speed Characteristics

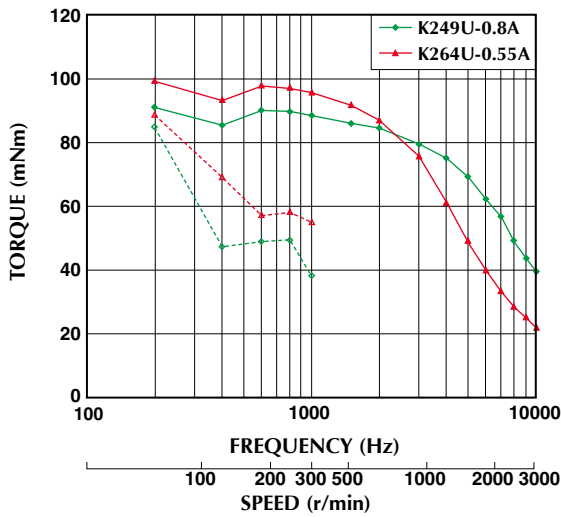
Model No: 17PM-K142U,K149U  
 Driver: Chopper Dual  
 Supply Voltage: 24.0 (Volt)



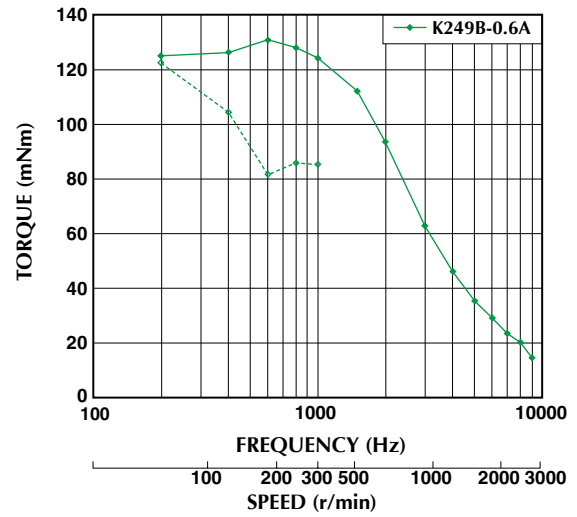
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 Driver: Chopper Dual  
 Supply Voltage: 24.0 (Volt)



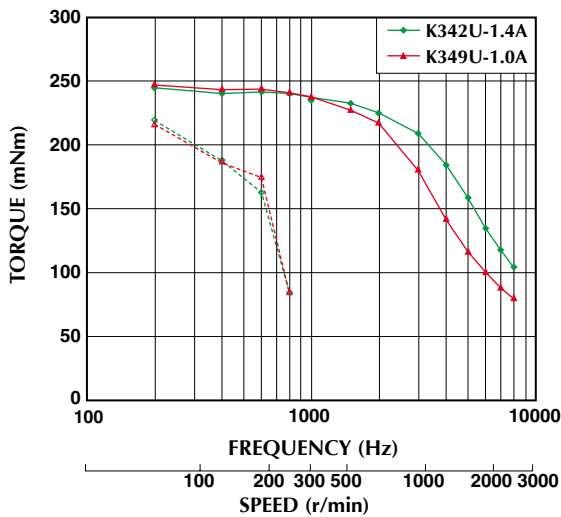
Model No: 17PM-K249U,K264U  
 Driver: Chopper Dual  
 Supply Voltage: 24.0 (Volt)



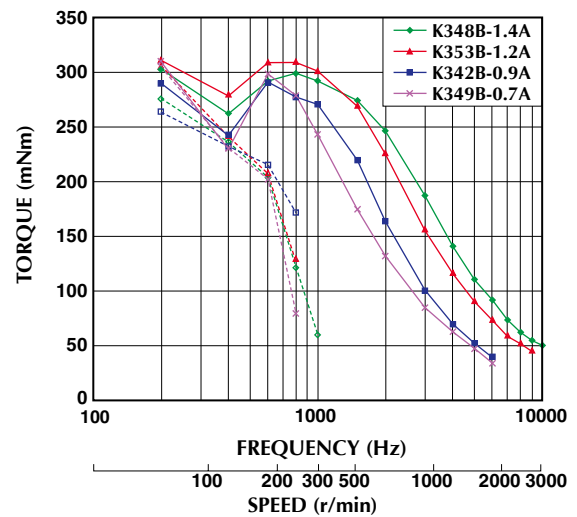
Model No: 17PM-K249B  
 Driver: Chopper Dual  
 Supply Voltage: 24.0 (Volt)



Model No: 17PM-K342U,K349U  
 Driver: Chopper Dual  
 Supply Voltage: 24.0 (Volt)



Model No: 17PM-K348B,K353B,K342B,K349B  
 Driver: Chopper Dual  
 Supply Voltage: 24.0 (Volt)

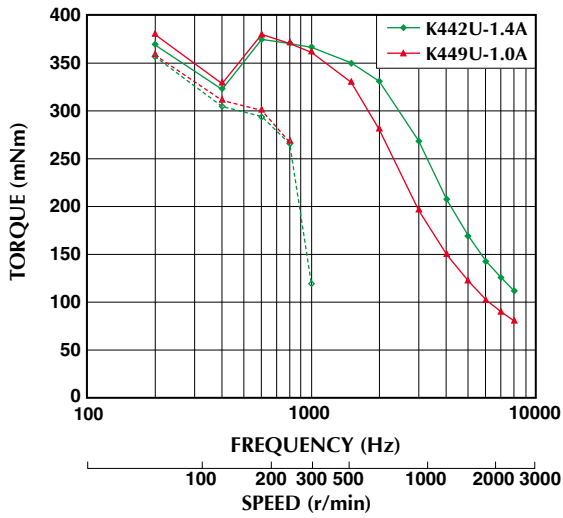


— : PULL OUT  
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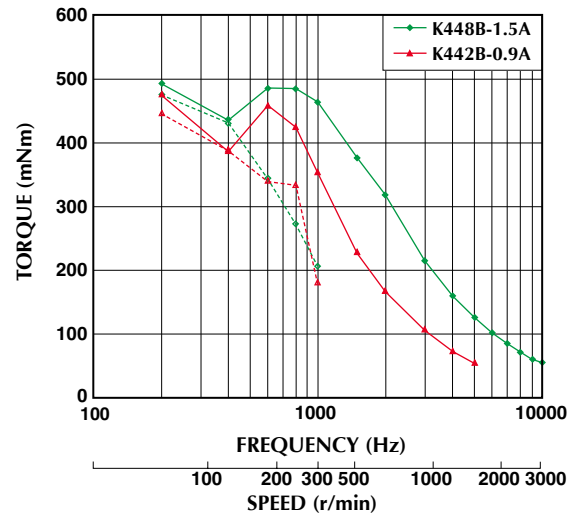
Torque/Speed characteristics are for reference only and it may change when operated at different drive conditions.

## Torque/Speed Characteristics

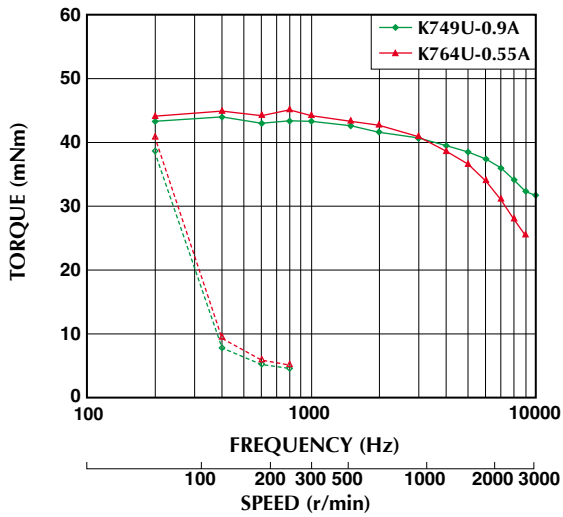
Model No: 17PM-K442U,K449U  
 Driver: Chopper Dual  
 Supply Voltage: 24.0 (Volt)



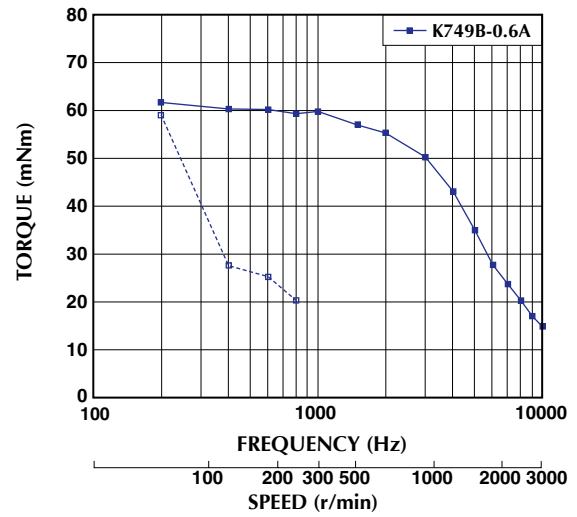
Model No: 17PM-K448B,K442B  
 Driver: Chopper Dual  
 Supply Voltage: 24.0 (Volt)



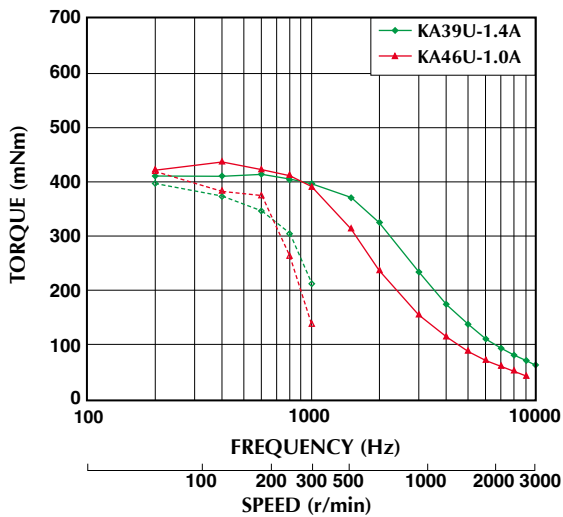
Model No: 17PM-K749U,K764U  
 Driver: Chopper Dual  
 Supply Voltage: 24.0 (Volt)



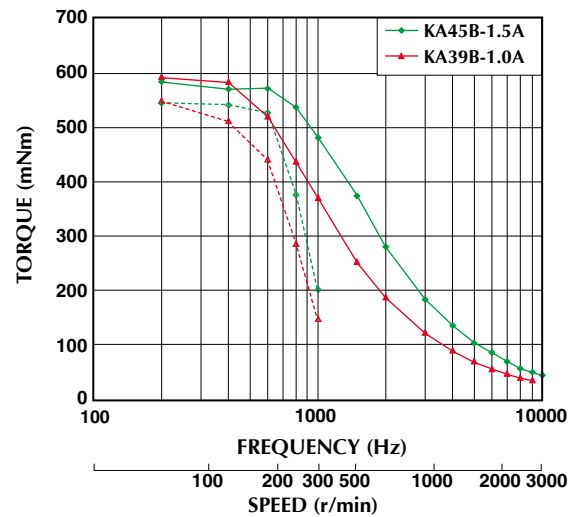
Model No: 17PM-K749B  
 Driver: Chopper Dual  
 Supply Voltage: 24.0 (Volt)



Model No: 17PM-KA39U, KA46U  
 Driver: Chopper Dual  
 Supply Voltage: 24.0 (Volt)



Model No: 17PM-KA45B, KA39B  
 Driver: Chopper Dual  
 Supply Voltage: 24.0 (Volt)



— : PULL OUT  
 - - - : PULL IN

Torque/Speed characteristics are for reference only and it may change when operated at different drive conditions.