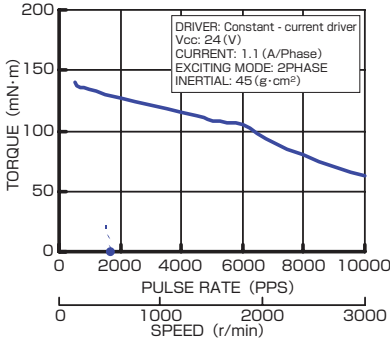


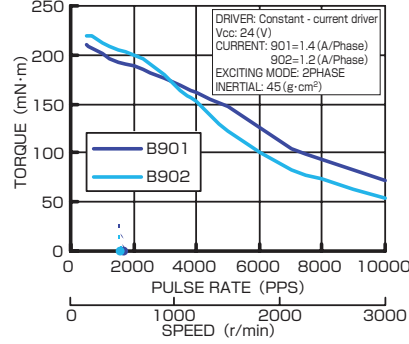
Speed-Torque Characteristics

Unipolar

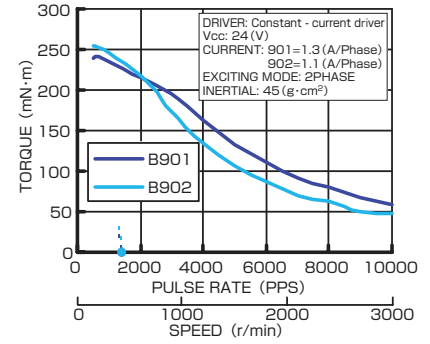
KH4234-B901 □□



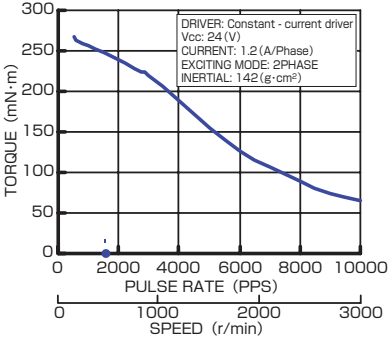
KH4238-B901 □□/□□/□□/□□



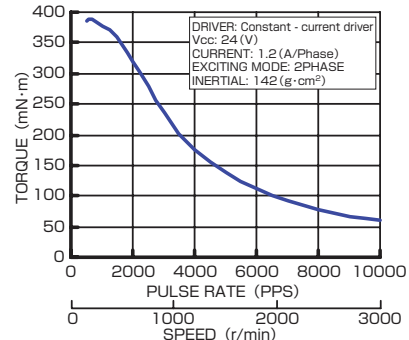
KH4242-B901 □□/□□/□□/□□



KH4248-B901 □□

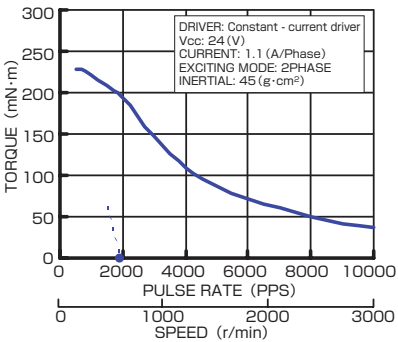


KH4254-B901 □□

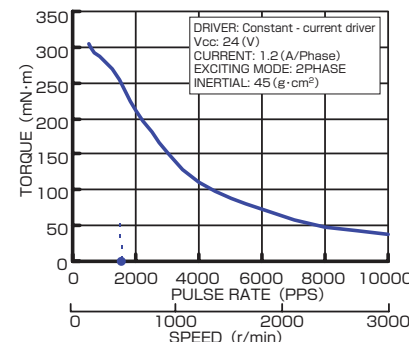


Bipolar

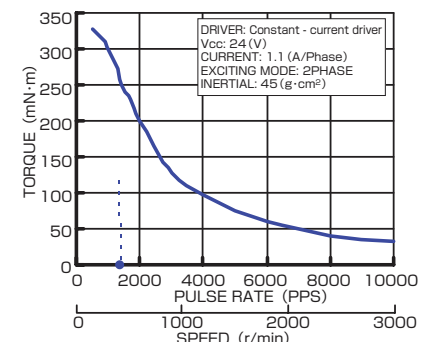
KH4234-B951 □□



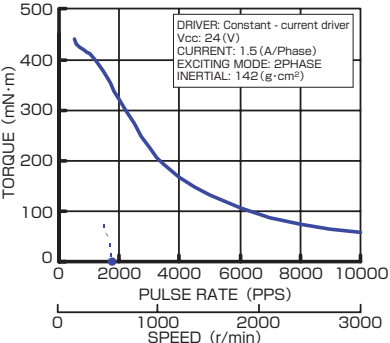
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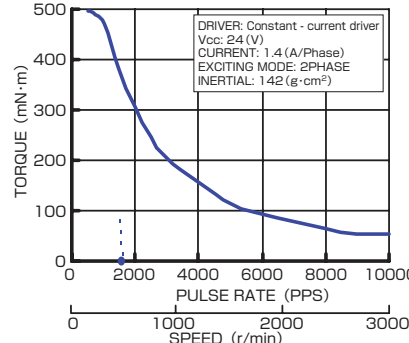
KH4242-B951 □□



KH4248-B951 □□



KH4254-B951 □□



Semi Standard Models

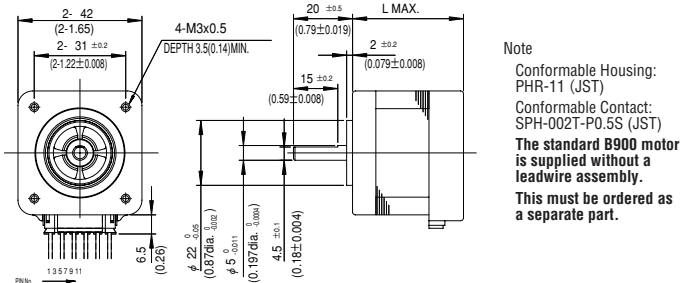
Unipolar

Model	Motor Length L1		Shaft Length L2		Shaft Specification		
	mm	inch	mm	inch			
KH4234-B90102	34	1.34	24	0.95	Single shaft		
KH4234-B90103			16	0.63	Single shaft		
KH4234-B90111			20	0.79	Double shaft		
KH4234-B90112			24	0.95	Double shaft		
KH4234-B90113			16	0.63	Double shaft		
KH4238-B90102			38	1.50	24	0.95	Single shaft
KH4238-B90103	16	0.63			Single shaft		
KH4238-B90111	20	0.79			Double shaft		
KH4238-B90112	24	0.95			Double shaft		
KH4238-B90113	16	0.63			Double shaft		
KH4238-B90202	24	0.95			Single shaft		
KH4238-B90203	16	0.63			Single shaft		
KH4238-B90211	20	0.79			Double shaft		
KH4238-B90212	24	0.95			Double shaft		
KH4238-B90213	16	0.63			Double shaft		
KH4242-B90102	42	1.65			24	0.95	Single shaft
KH4242-B90103					16	0.63	Single shaft
KH4242-B90111			20	0.79	Double shaft		
KH4242-B90112			24	0.95	Double shaft		
KH4242-B90113			16	0.63	Double shaft		
KH4242-B90202			24	0.95	Single shaft		
KH4242-B90203			16	0.63	Single shaft		
KH4242-B90211			20	0.79	Double shaft		
KH4242-B90212			24	0.95	Double shaft		
KH4242-B90213			16	0.63	Double shaft		
KH4248-B90102			48	1.89	24	0.95	Single shaft
KH4248-B90103					16	0.63	Single shaft
KH4248-B90111					20	0.79	Double shaft
KH4248-B90112					24	0.95	Double shaft
KH4248-B90113					16	0.63	Double shaft
KH4254-B90102					54	2.13	24
KH4254-B90103			16	0.63			Single shaft
KH4254-B90111			20	0.79			Double shaft
KH4254-B90112	24	0.95	Double shaft				
KH4254-B90113	16	0.63	Double shaft				

Bipolar

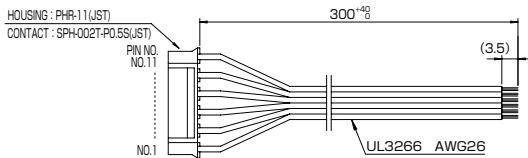
Model	Motor Length L1		Shaft Length L2		Shaft Specification
	mm	inch	mm	inch	
KH4234-B95102	34	1.34	24	0.95	Single shaft
KH4234-B95103			16	0.63	Single shaft
KH4234-B95111			20	0.79	Double shaft
KH4234-B95112			24	0.95	Double shaft
KH4234-B95113			16	0.63	Double shaft
KH4238-B95102			38	1.50	24
KH4238-B95103	16	0.63			Single shaft
KH4238-B95111	20	0.79			Double shaft
KH4238-B95112	24	0.95			Double shaft
KH4238-B95113	16	0.63			Double shaft
KH4242-B95102	42	1.65			24
KH4242-B95103			16	0.63	Single shaft
KH4242-B95111			20	0.79	Double shaft
KH4242-B95112			24	0.95	Double shaft
KH4242-B95113			16	0.63	Double shaft
KH4248-B95102			48	1.89	24
KH4248-B95103	16	0.63			Single shaft
KH4248-B95111	20	0.79			Double shaft
KH4248-B95112	24	0.95			Double shaft
KH4248-B95113	16	0.63			Double shaft
KH4254-B95102	54	2.13			24
KH4254-B95103			16	0.63	Single shaft
KH4254-B95111			20	0.79	Double shaft
KH4254-B95112			24	0.95	Double shaft
KH4254-B95113			16	0.63	Double shaft

[Semi Standard Model Dimensions Unit: mm (inch)]



Option

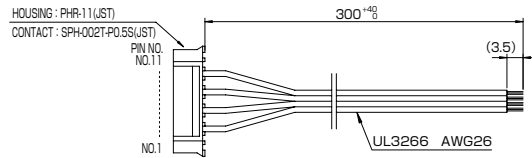
Leadwire Assembly KH42LUS300 (Unipolar)



PHR-11 (Pin No.)	1	3	5	7	9	11
Excitation (PHASE)	A	A com	A	B	B com	B
Cable Color	Black	Red	Brown	Yellow	Blue	Orange

Note
 The standard B900 motor is supplied without a leadwire assembly.
 This must be ordered as a separate part.

KH42LBS300 (Bipolar)

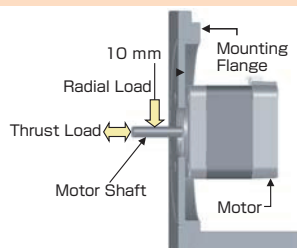


PHR-11 (Pin No.)	3	5	7	9
Excitation (PHASE)	A	A	B	B
Cable Color	Red	Blue	Yellow	White

Max. Allowable Load/Runout For Motor Shaft

Load For Motor Shaft

Type	Thrust Load	Radial Load
		Load
KA50	14.7 N (1.5 kgf) (3.3 lb)	19.6 N (2.0 kgf) (4.4 lb)



Shaft Runout

Shaft Runout	0.05 T.I.R. (mm) ※
Concentricity Between Shaft and Mounting Circle	0.075 T.I.R. (mm) ※
Perpendicularity Between Shaft and Mounting Face	0.075 T.I.R. (mm) ※

※ T.I.R. (Total Indicator Reading)

