HB MOTOR

16HS SERIES 1.8°

Key Features

- High Torque
- High Accuracy
- Smooth Movement



General Specifications

Bi-polar

Model Number		Inductance per Phase		Holding Torque		Detent Torque		Rotor Inertia	
	ohm	mH	А	mNm	oz-in	mNm	oz-in	g.cm ²	oz-in²
16HS4401N	7	9.6	0.65	200	28.33	15	2.12	30	0.17

Uni-polar

Model Number	Resistance per Phase	Inductance per Phase		Holding Torque		Detent Torque		Rotor Inertia	
	ohm	mH	А	mNm	oz-in	mNm	oz-in	g.cm ²	oz-in²
16HS4601N	7	5.6	0.65	150	21.25	15	2.12	30	0.17

902

Motor Wiring Diagram --> Page A-8

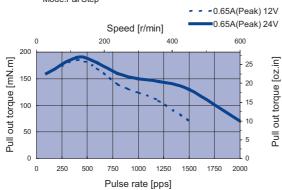
Mechanical Dimension

			-0.012 968-8.00	L Max.	31± (1.220=	0.1 ±0.004)
Model	L	Mass	ø5-0 (ø0.19			
Number	mm (in.)	kg (lb.)	-8.00z) († '		1 0004) 13 x x .)
16HS4**N	36 (1.40)	0.21 (0.46)		ļ. 	+ +-(25 M
			Ø22-0 (Ø0.866-			3.39 (01.520
					4-M3	
				<u>2</u> (0.08)	Depth 4.5Min. (Depth 0.18Min.)	0 (4:.4)
			24±0.5 (0.95±0.02)	100	Depth 4.5Min. (Depth 0.18Min.) A <u>WG26 UL1007</u>	300±1. (11.8±0

Dynamic Torque Curves

16HS4401N

Conditions: Bi-polar Constant Current Driver IC: AMA MS3540M Mode:Full Step



16HS4601N

mm (inch)

Conditions: Uni-polar Constant Current Driver IC: AMA MSU3040M Mode:Full Step

