

## NEMA 14 Smooth Hybrid Stepper Motor



### Key Features

- Smoother
- High Precision
- Small Size
- High Torque
- Step angle: 0.9°

### General Specifications

- Bi-polar

Part Number	Length (mm)	Connect P=Plug L=Leads	Holding Torque (mNm)	Resistance per Phase (Ω)	Inductance per Phase (mH)	Detent Torque (mNm)
14HK0405N	12.8	L	44	15.6	8.5	4
14HK0406N	12.8	L	44	6.3	3.1	4
14HK0407N	12.8	L	44	4.2	2.1	4
14HK0408N	12.8	L	44	2.6	1.21	4
14HK2404N	20.2	P	120	26	21	10
14HK2405N	20.2	P	120	11.7	9.5	10
14HK2406N	20.2	P	120	7.1	5.4	10
14HK2407N	20.2	P	120	4.4	3.2	10

#### Stegia AB

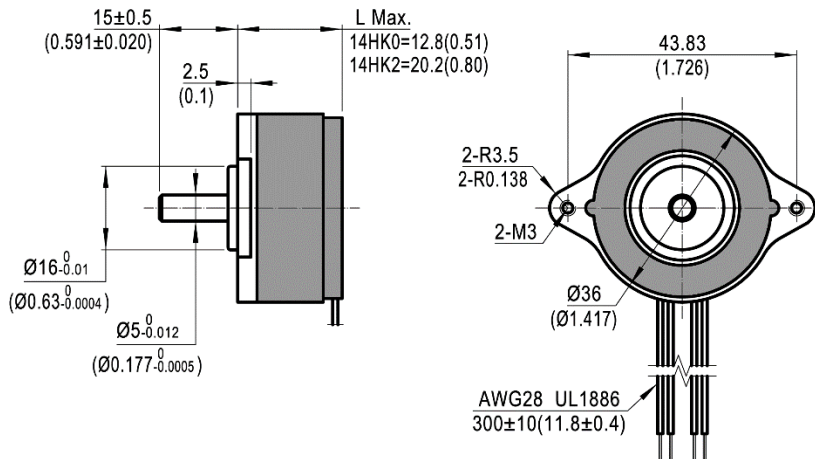
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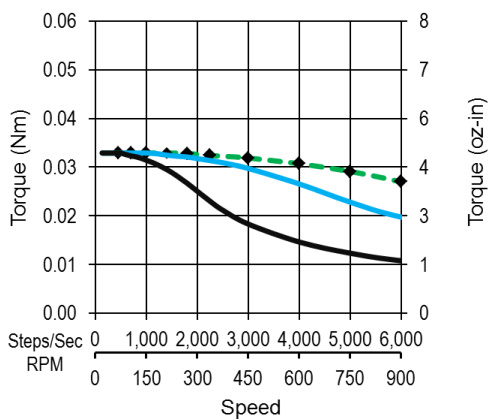
## Mechanical Dimensions

Series	L (mm)	Mass (kg)
14HK0	12.8	0.05
14HK2	20.2	0.11

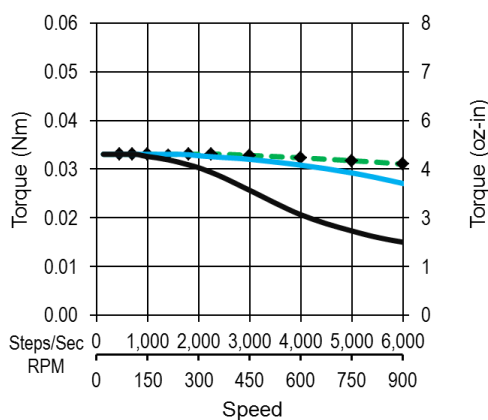


## Dynamic Torque Curves

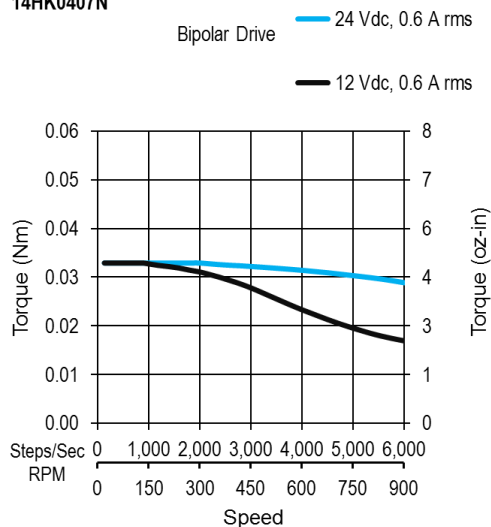
**14HK0405N**  
 Bipolar Drive  
 36 Vdc, 0.3 A rms  
 24 Vdc, 0.3 A rms  
 12 Vdc, 0.3 A rms



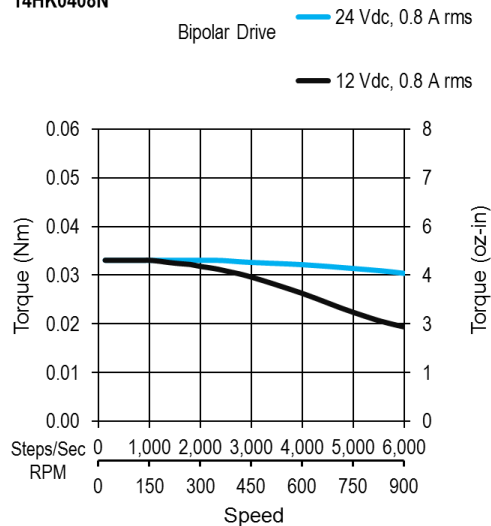
**14HK0406N**  
 Bipolar Drive  
 36 Vdc, 0.5 A rms  
 24 Vdc, 0.5 A rms  
 12 Vdc, 0.5 A rms



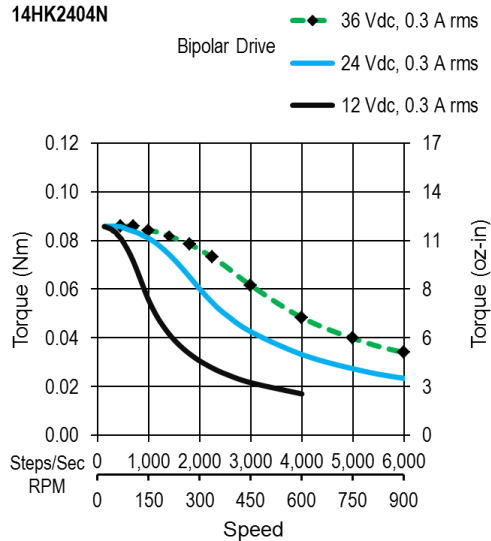
## 14HK0407N



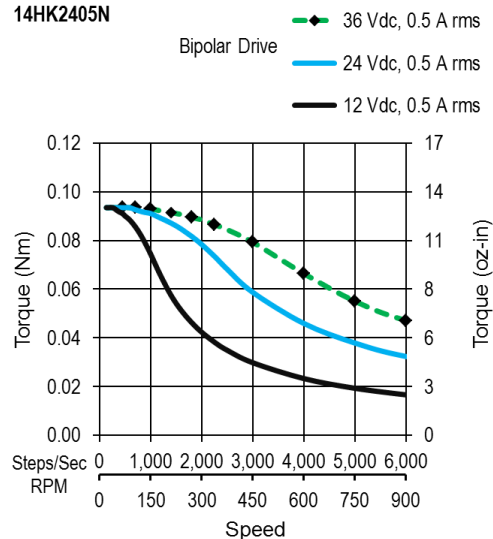
## 14HK0408N



## 14HK2404N



## 14HK2405N



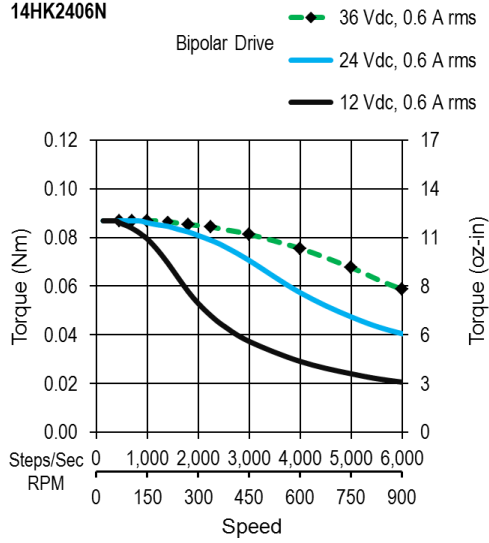
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**14HK2406N**



**14HK2407N**

