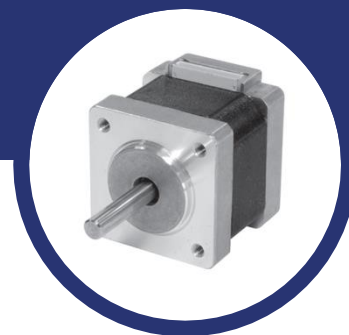


## NEMA 14 High Precision Hybrid Stepper Motor



### Key Features

- High Accuracy
- High Efficiency
- High Reliability
- 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)
MS14HA1P4026	27.3	P	100	49	56	4
MS14HA1P4070	27.3	P	110	6.6	8.2	4
MS14HA1P4100	27.3	P	100	3.3	3.9	4
MS14HA1P4150	27.3	P	110	1.55	1.8	4
MS14HA3P4032	36	P	190	37	51	8
MS14HA3P4075	36	P	180	6	8.6	8
MS14HA3P4100	36	P	180	3.3	4.9	8
MS14HA3P4150	36	P	180	1.61	2.2	8
MS14HA5P4040	55.5	P	320	30	49	10
MS14HA5P4100	55.5	P	320	5.1	8.2	10
MS14HA5P4150	55.5	P	320	2.1	3.6	10
MS14HA5P4200	55.5	P	320	1.34	2.1	10

#### Stegia AB

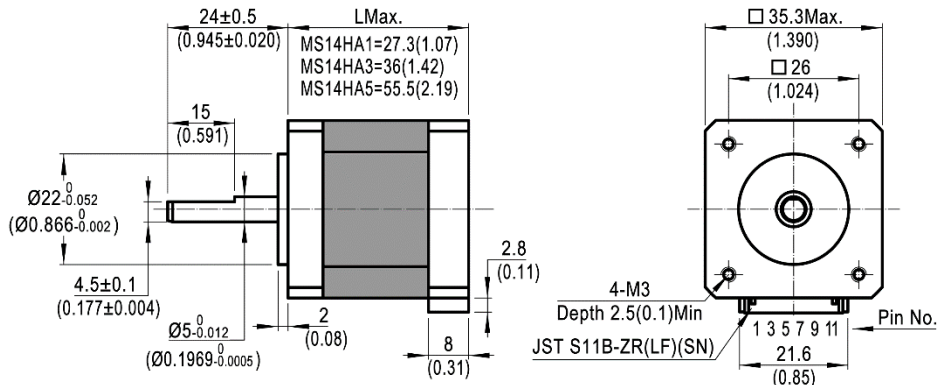
Regattagatan 22B  
723 48 Västerås, Sweden  
+46 (0) 21 811 822  
info@stegia.com

#### Stegia Shanghai Co., Ltd.

A-7, No.38, Dongsheng Rd  
Pudong, Shanghai, China, 201201  
+86 21 58591682

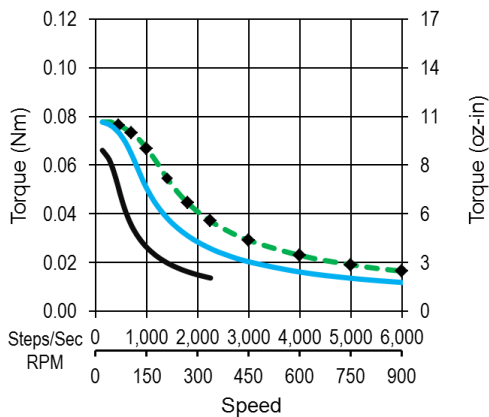
## Mechanical Dimensions

Series	L (mm)	Mass (kg)
MS14HA1	27.3	0.15
MS14HA3	36	0,21
MS14HA5	55.5	0,24

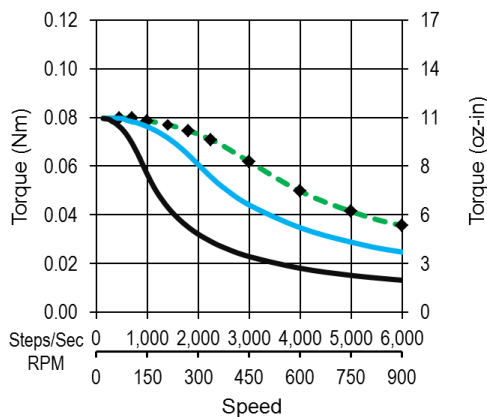


## Dynamic Torque Curves

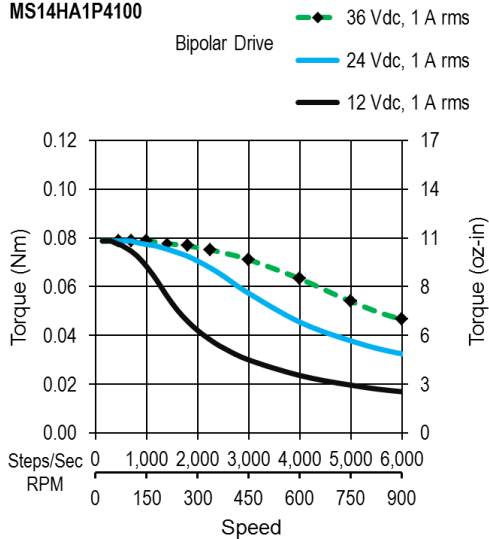
**MS14HA1P4026**  
 Bipolar Drive  
 36 Vdc, 0.26 A rms  
 24 Vdc, 0.26 A rms  
 12 Vdc, 0.21 A rms



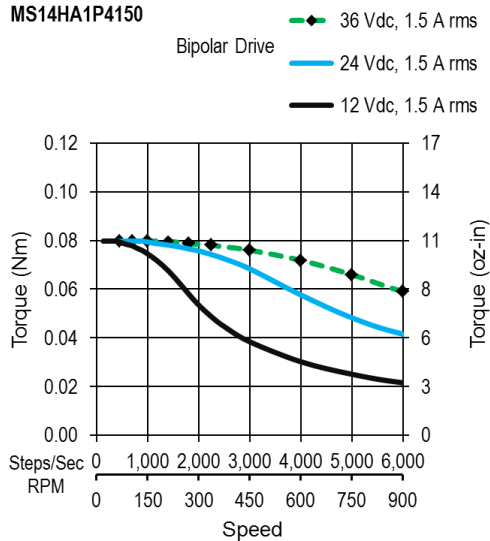
**MS14HA1P4070**  
 Bipolar Drive  
 36 Vdc, 0.7 A rms  
 24 Vdc, 0.7 A rms  
 12 Vdc, 0.7 A rms



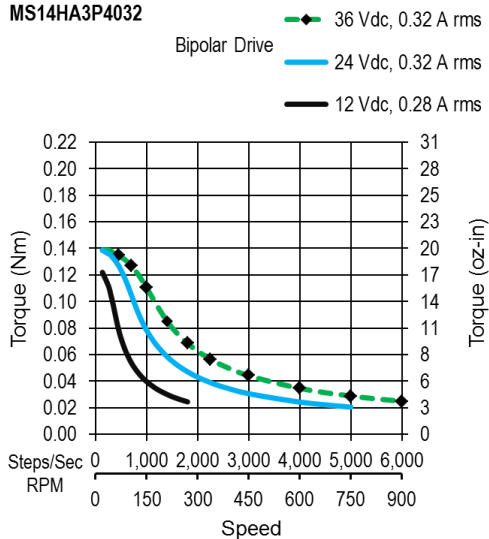
**MS14HA1P4100**



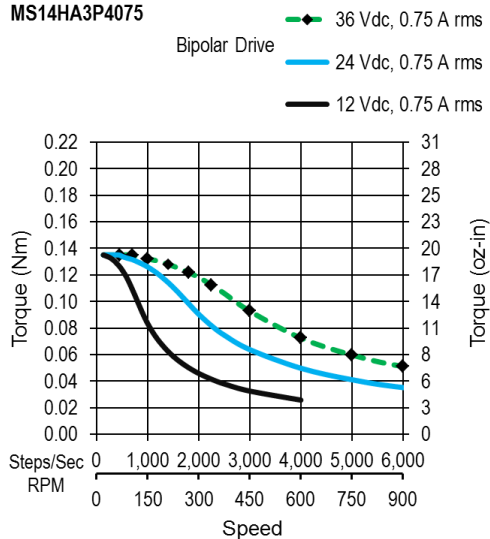
**MS14HA1P4150**



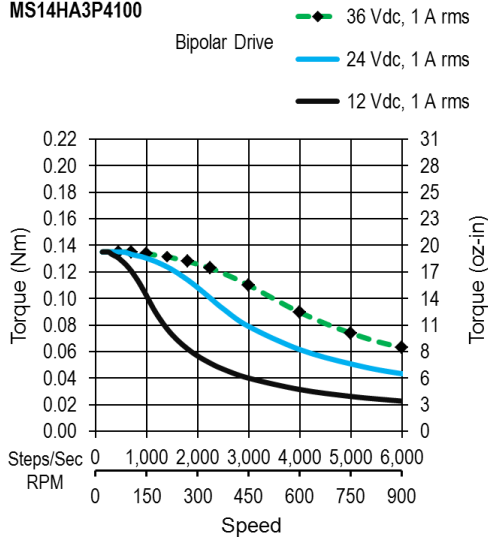
**MS14HA3P4032**



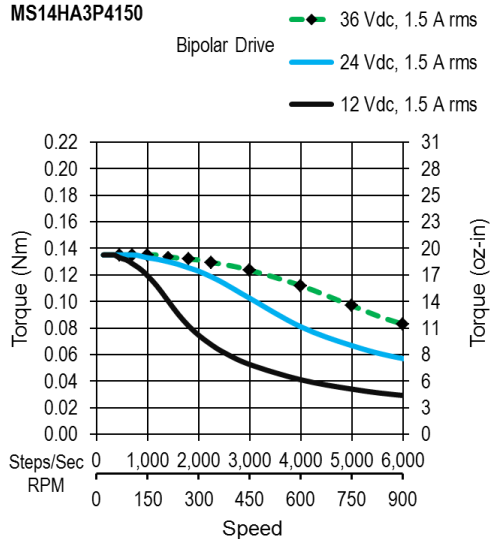
**MS14HA3P4075**



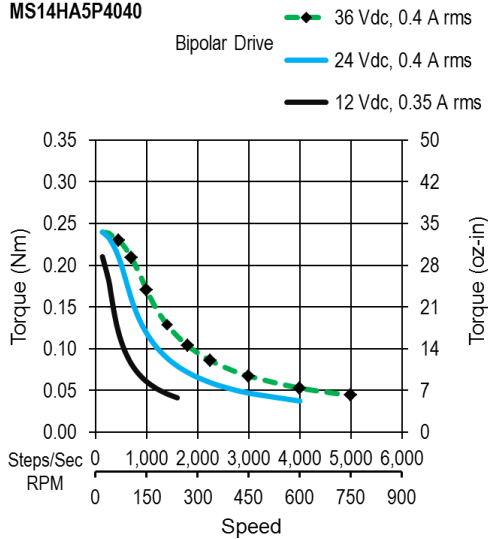
**MS14HA3P4100**



**MS14HA3P4150**



**MS14HA5P4040**



**MS14HA5P4100**

