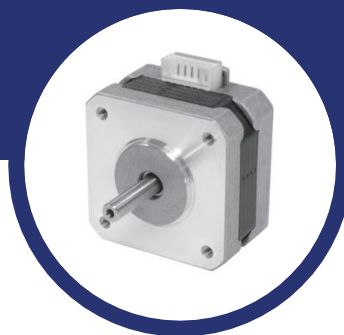


NEMA 17 High Precision Hybrid Stepper Motor



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)
MS17HA4P4040	34.3	P	250	30	71	12
MS17HA4P4100	34.3	P	250	4.3	10.5	12
MS17HA4P4100-M	34.3	P	250	4.3	10.5	12
MS17HA4P4150	34.3	P	240	1.71	4.1	12
MS17HA4P4150-M	34.3	P	240	1.71	4.1	12
MS17HA4P4200	34.3	P	250	1.11	2.5	12
MS17HA2P4040	39.8	P	390	24	70	16
MS17HA2P4100	39.8	P	390	3.9	11.2	16
MS17HA2P4100-M	39.8	P	390	3.9	11.2	16
MS17HA2P4150	39.8	P	400	1.98	5.4	16
MS17HA2P4150-M	39.8	P	400	1.98	5.4	16
MS17HA2P4200	39.8	P	390	1.05	2.8	16
MS17HA6P4050	48.3	P	550	24	74	25

Stegia AB

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

Stegia Shanghai Co., Ltd.

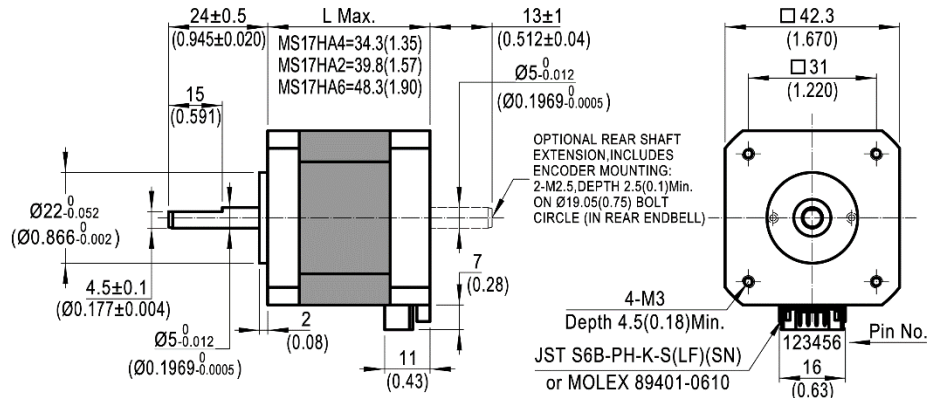
A-7, No.38, Dongsheng Rd
Pudong, Shanghai, China, 201201
+86 21 58591682

www.stegia.com

MS17HA6P4100	48.3	P	530	4.9	16	25
MS17HA6P4100-M	48.3	P	530	4.9	16	25
MS17HA6P4150	48.3	P	520	2.2	6.8	25
MS17HA6P4150-M	48.3	P	520	2.2	6.8	25
MS17HA6P4200	48.3	P	530	1.31	4	25

Mechanical Dimensions

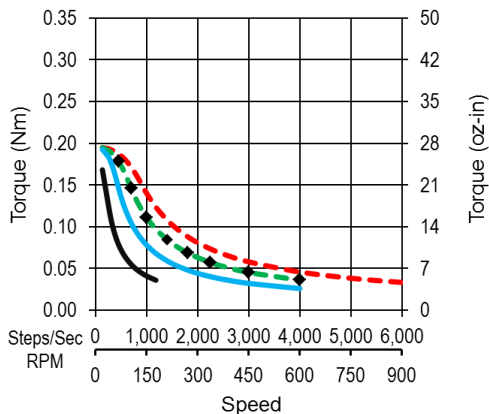
Series	L (mm)	Mass (kg)
MS17HA4	34.3	0.23
MS17HA2	39.8	0.29
MS17HA6	48.3	0.351



Dynamic Torque Curves

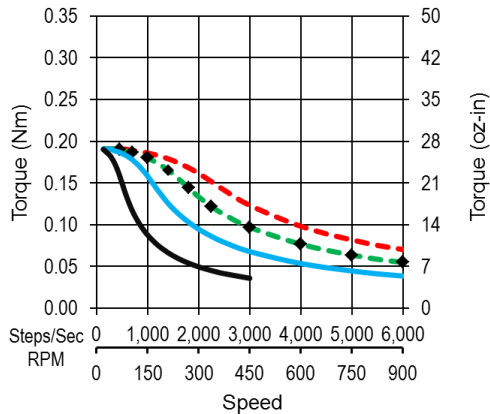
MS17HA4P4040

- 48 Vdc, 0.4 A rms
- Bipolar Drive ---◆ 36 Vdc, 0.4 A rms
- 24 Vdc, 0.4 A rms
- 12 Vdc, 0.35 A rms



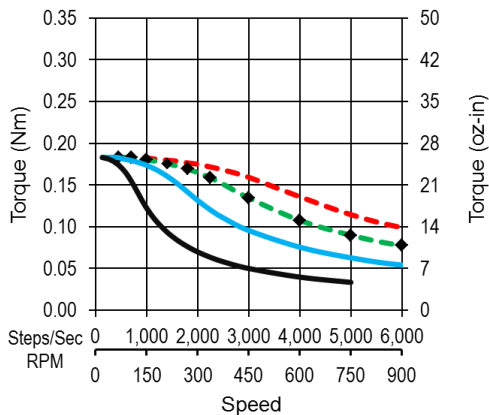
MS17HA4P4100

- 48 Vdc, 1 A rms
- Bipolar Drive ---◆ 36 Vdc, 1 A rms
- 24 Vdc, 1 A rms
- 12 Vdc, 1 A rms



MS17HA4P4150

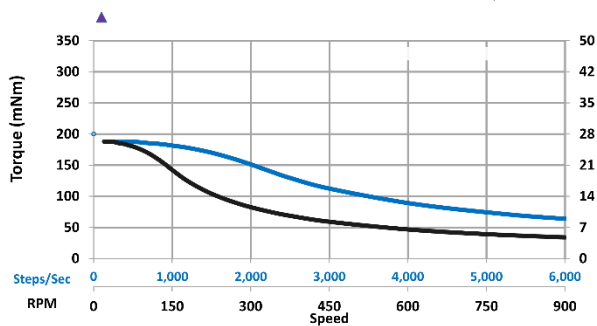
- 48 Vdc, 1.5 A rms
- Bipolar Drive ---◆ 36 Vdc, 1.5 A rms
- 24 Vdc, 1.5 A rms
- 12 Vdc, 1.5 A rms



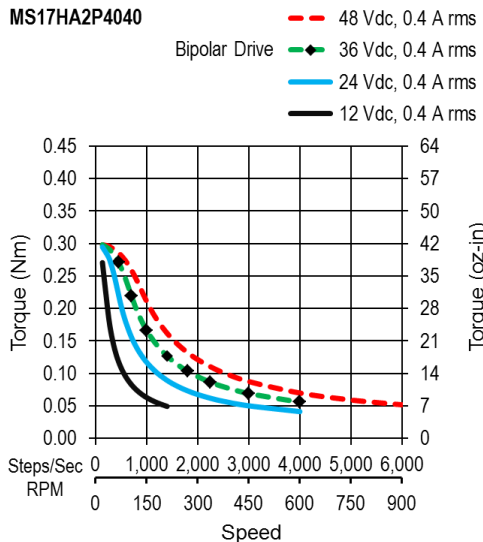
MS17HA4P4200

2 Phase

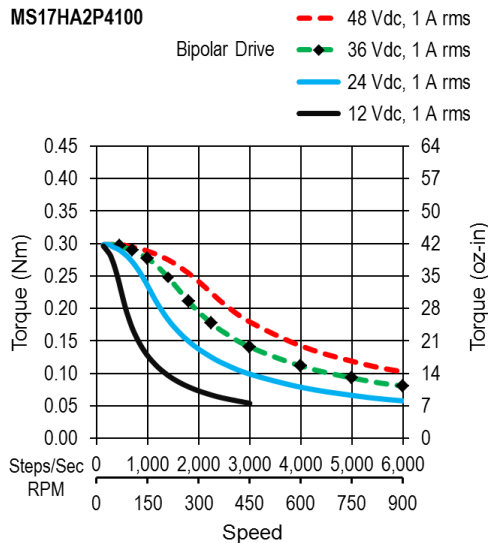
- 24 Vdc, 2A rms
- 12 Vdc, 2A rms



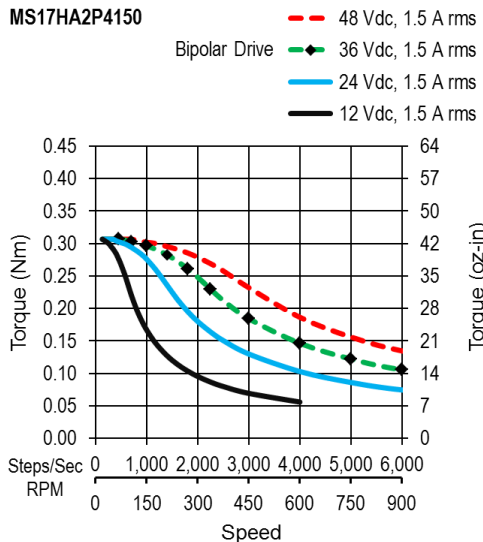
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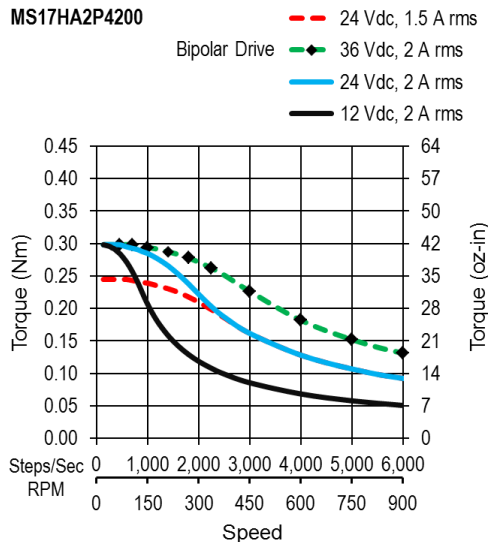
MS17HA2P4100



MS17HA2P4150

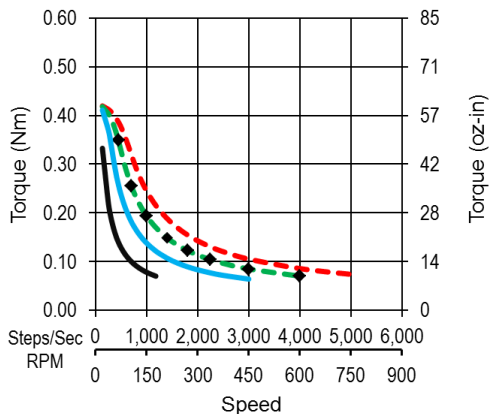


MS17HA2P4200



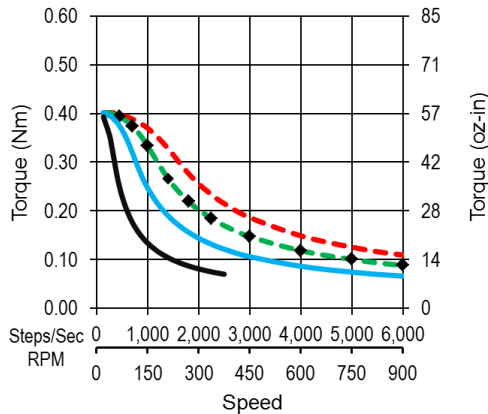
MS17HA6P4050

- 48 Vdc, 0.5 A rms
- Bipolar Drive ---◆ 36 Vdc, 0.5 A rms
- 24 Vdc, 0.5 A rms
- 12 Vdc, 0.43 A rms



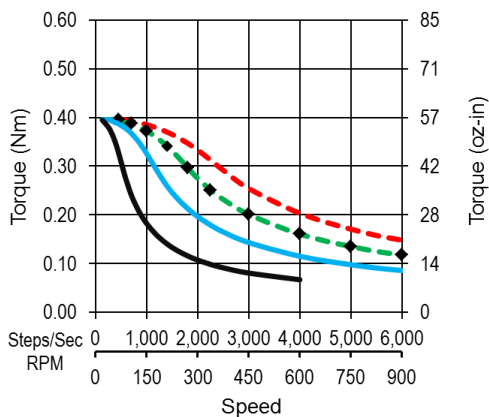
MS17HA6P4100

- 48 Vdc, 1 A rms
- Bipolar Drive ---◆ 36 Vdc, 1 A rms
- 24 Vdc, 1 A rms
- 12 Vdc, 1 A rms



MS17HA6P4150

- 48 Vdc, 1.5 A rms
- Bipolar Drive ---◆ 36 Vdc, 1.5 A rms
- 24 Vdc, 1.5 A rms
- 12 Vdc, 1.5 A rms



MS17HA6P4200

- 24 Vdc, 1.5 A rms
- Bipolar Drive ---◆ 36 Vdc, 2 A rms
- 24 Vdc, 2 A rms
- 12 Vdc, 2 A rms

