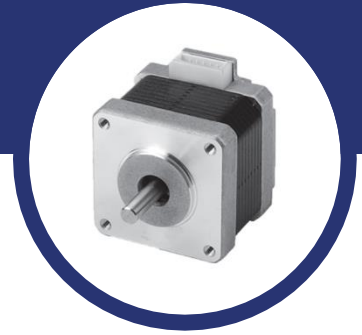


NEMA 16 Standard Hybrid Stepper Motor



Key Features

- High Torque
- Smooth Movement
- Small Size
- Step angle: 1.8°

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)
MS16HS7P4027	20.8	P	100	41	36	5
MS16HS7P4070	20.8	P	100	5.6	5.6	5
MS16HS7P4100	20.8	P	100	3	2.8	5
MS16HS7P4150	20.8	P	100	1.45	1.28	5
MS16HS0P4029	26	P	200	40	52	8
MS16HS0P4070	26	P	200	6.8	9.5	8
MS16HS0P4100	26	P	200	3.6	4.7	8
MS16HS0P4150	26	P	200	1.53	2	8
MS16HS4P4037	33	P	260	31	50	12
MS16HS4P4070	33	P	260	8.4	14	12
MS16HS4P4100	33	P	270	4.4	7	12
MS16HS4P4150	33	P	270	1.89	3.1	12

Stegia AB

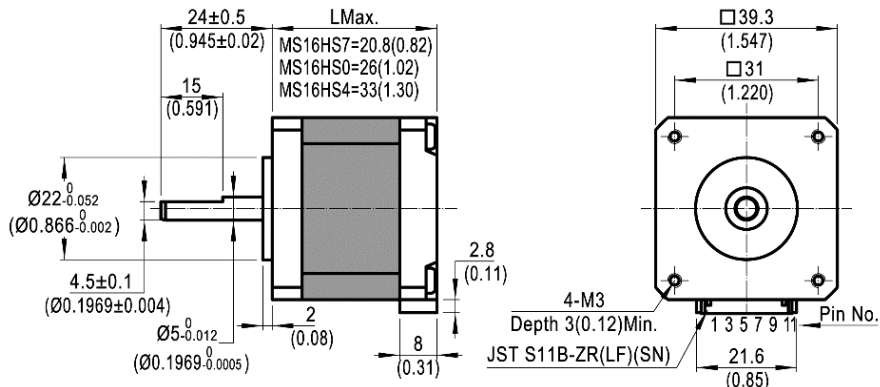
Regattagatan 22B
723 48 Västerås, Sweden
+46 (0) 21 811 822
info@stegia.com

Stegia Shanghai Co., Ltd.

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

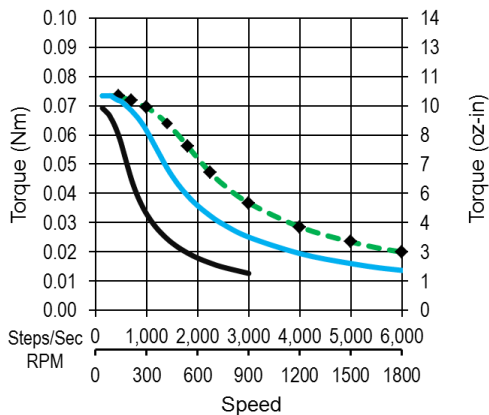
Mechanical Dimensions

Series	L (mm)	Mass (kg)
MS16HS7	20.8	0.11
MS16HS0	26	0.15
MS16HS4	33	0.21

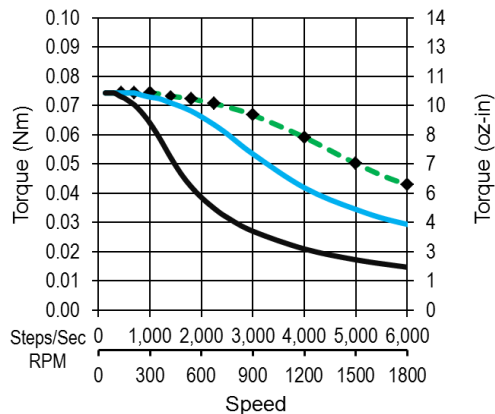


Dynamic Torque Curves

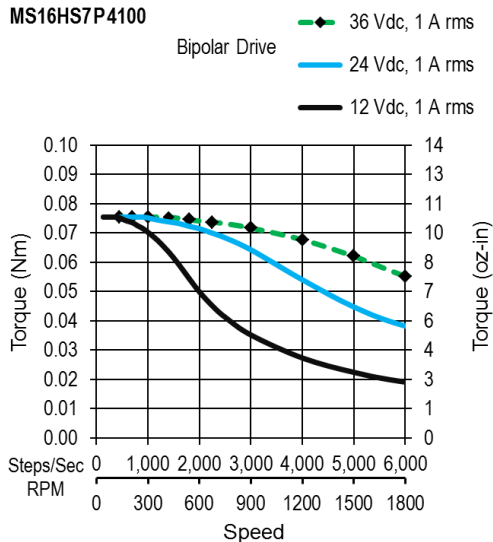
MS16HS7P4027
 Bipolar Drive
 36 Vdc, 0.27 A rms
 24 Vdc, 0.27 A rms
 12 Vdc, 0.25 A rms



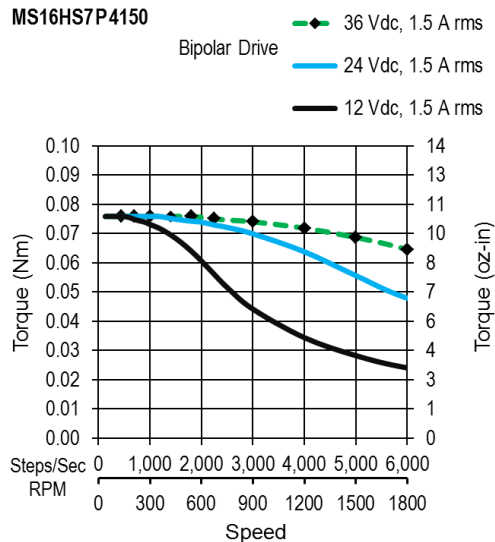
MS16HS7P4070
 Bipolar Drive
 36 Vdc, 0.7 A rms
 24 Vdc, 0.7 A rms
 12 Vdc, 0.7 A rms



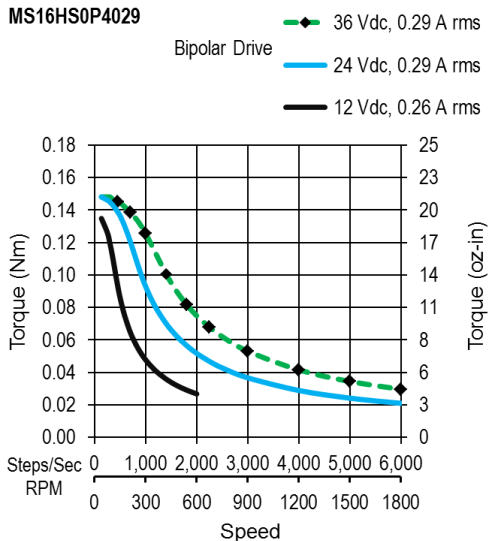
MS16HS7P4100



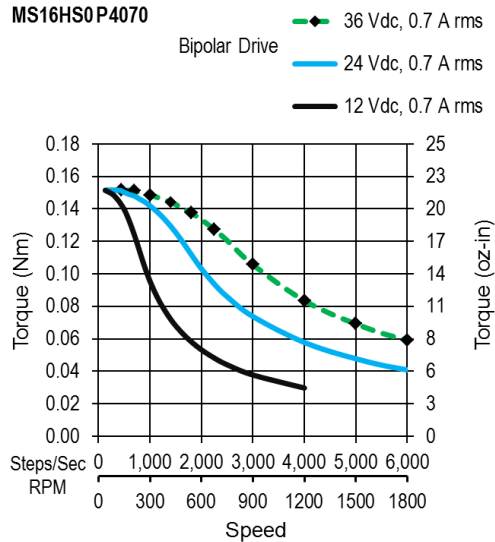
MS16HS7P4150

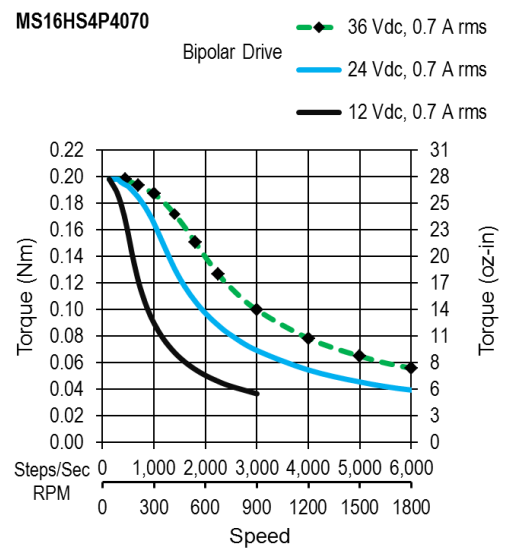
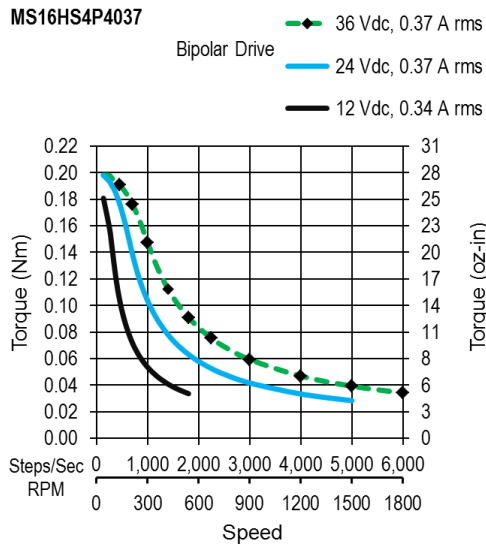
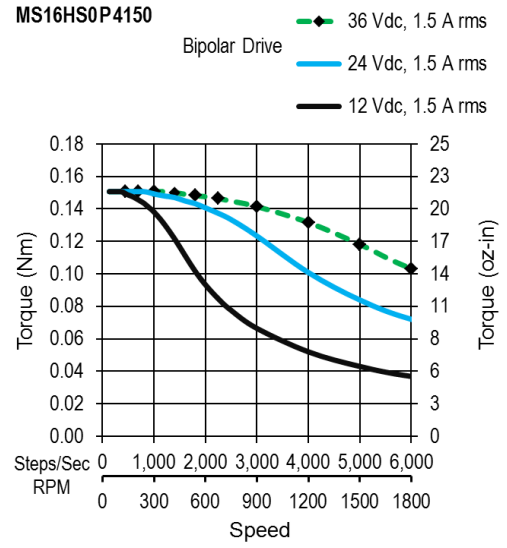
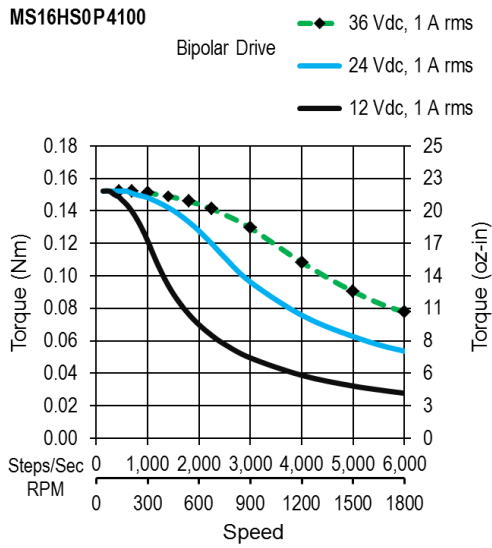


MS16HS0P4029

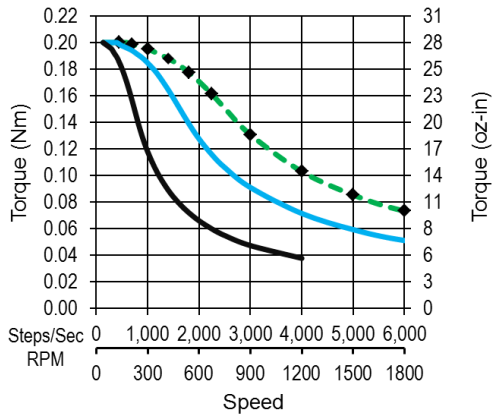


MS16HS0P4070





MS16HS4P4100
 Bipolar Drive
 36 Vdc, 1 A rms
 24 Vdc, 1 A rms
 12 Vdc, 1 A rms



MS16HS4P4150
 Bipolar Drive
 36 Vdc, 1.5 A rms
 24 Vdc, 1.5 A rms
 12 Vdc, 1.5 A rms

