

SLO-SYN® DC STEP MOTORS



M09

36 V Bipolar - Full Step

72 V Bipolar - Microstep

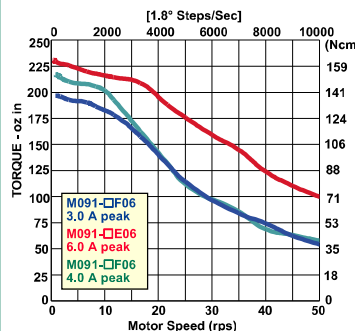
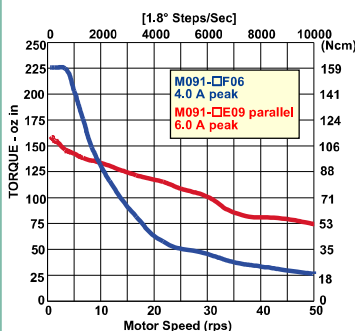
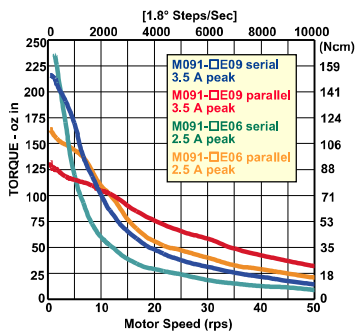
170 V Bipolar - Microstep

◆ 36 volt data measured with SS2000MD4 Modular Drive.

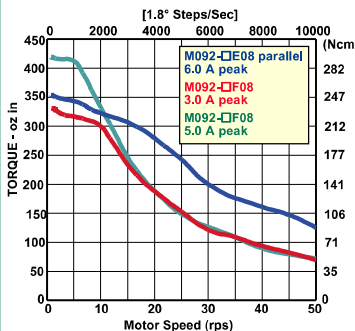
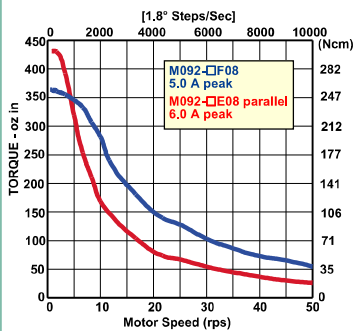
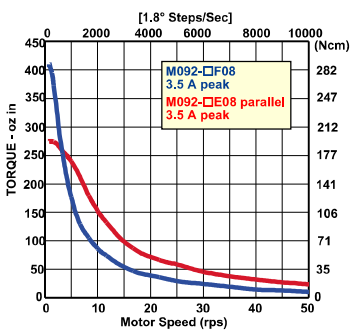
◆ 72 volt data measured with MD808 Modular Drive.

◆ 170 volt data measured with SS2000D3 or D6 Packaged Drive

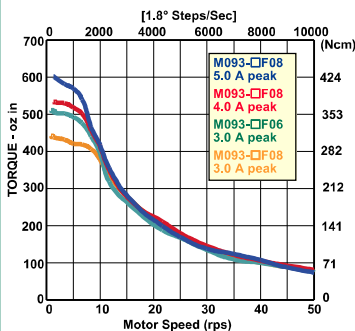
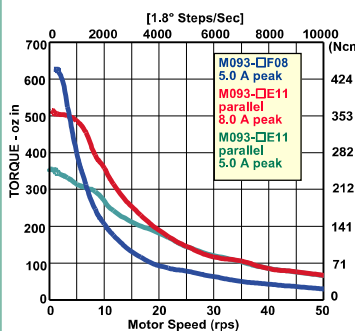
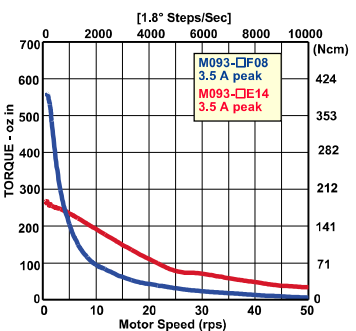
M091



M092



M093

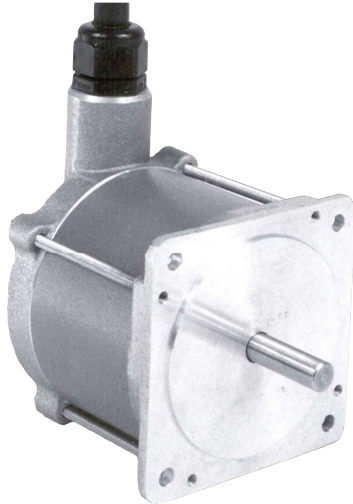


◆ The curves do not show system resonances which will vary with system mechanical parameters.

◆ Duty cycle is dependent on torque, speed, Drive parameters, and heat sink conditions. Maximum case temperature is 100°C.

MX09

Hazardous Duty 90mm Frame Size



- U Up to 150% rated torque reserve capacity
- U ± 3% typical step accuracy
- U Hazardous Duty
UL Class 1, Division 1, Group D



4-Connection Step Motors				
Model #	Voltage VDC	Current Amps	R Ω	L mH
MX91-FF-206U	3.0	3.0	1.0	10
MX91-FF-402U	2.9	4.0	0.72	6.0
MX91-FF-403U	1.1	6.0	0.18	1.5
MX92-FF-206U	4.0	4.0	1.0	11
MX92-FF-401U	1.9	7.0	0.28	2.8
MX93-FF-206U	3.9	4.0	0.90	13
MX93-FF-401U	3.2	5.0	0.65	8.0
MX93-FF-402U	1.1	7.0	0.16	2.0

Change U to EU for double ended shaft.

