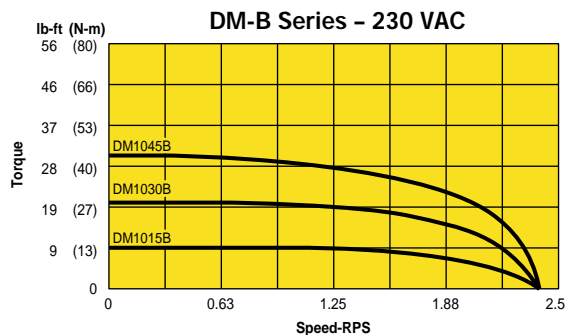
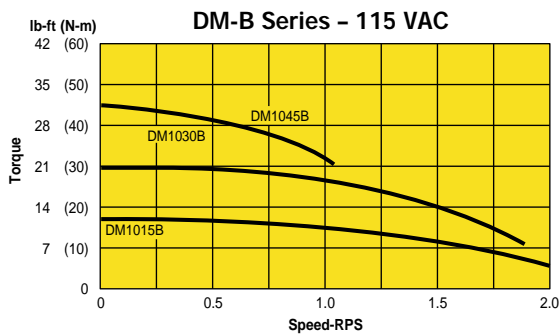
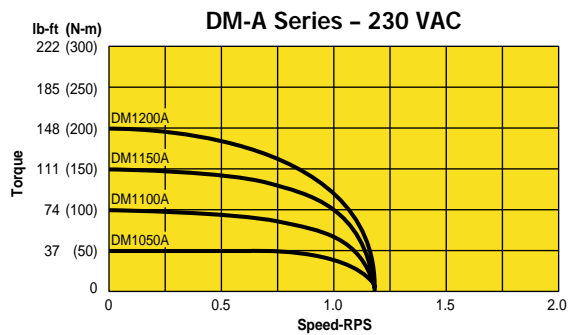
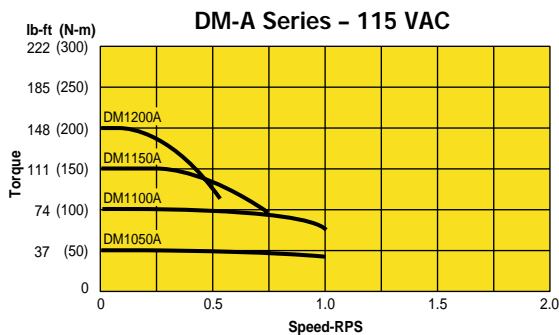


**DM Series – Specifications**

Parameter	Value		
Performance	Repeatability	±2 arc-sec (0.00056°)	
	Accuracy	±25 arc-sec (0.0069°)	
	Max stepping rate	1,600,000 steps/sec	
Power	Volts	115VAC, 1-phase or 230VAC, 1-phase, 50/60Hz	
	Range	+10% to -15%	
	Current	20 amps max	
Inputs	Command interface		
	Step input	Low going low pulse, 150 nanoseconds minimum pulse width	
	Direction	Logic high = CW rotation Logic low = CCW rotation	
	Analog input	±10V command signal	
Outputs	Encoder output	A/B encoder output 393 kHz max	
Environmental		<b>Driver</b>	<b>Motor</b>
	Weight	13.2 lb (6 kg)	See page 95
	Operating	32° to 122° F (0° to 50°C)	32° to 113° F max (0° to 45°C)
	Storage	-4° to 185° F (-20° to 85°C)	-4° to 185° F (-20° to 85°C)
	Humidity	20 to 90% noncondensing	20 to 85% noncondensing
No corrosive gases. Dust-free atmosphere. The Dynaserv is not water proof, oil proof or dust proof.			

**Speed/Torque Curves**

The torque/speed curves represent peak torque available, continuous torques are approximately two-thirds of the peak value.



*Please refer to the ordering information matrix on page 107*