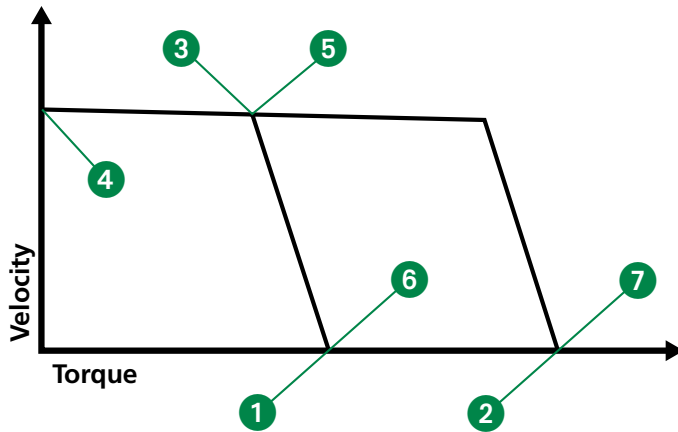


PERFORMANCE DATA



1 Continuous Stall Torque

This is the maximum Continuous Torque, typically at or near zero speed. The Continuous Torque is based on a pre-defined case temperature.

2 Peak Torque

This is the maximum torque that can be achieved from the motor when peak current is applied.

3 Rated Torque

This is the Continuous Torque at the Maximum Rated Speed of the motor. Rated Torque will be equal or lower than Continuous Stall Torque

4 Rated Speed

This is the maximum permissible speed of the motor at the rated voltage (Either 230 VAC or 460 VAC)

5 Rated Power

The product of the Rated Speed and Rated Torque. The Rated Power is the maximum continuous power output of a particular motor/drive combination.

6 Stall Current

The Stall Current is the maximum continuous current of the motor at zero speed and thermal limit.

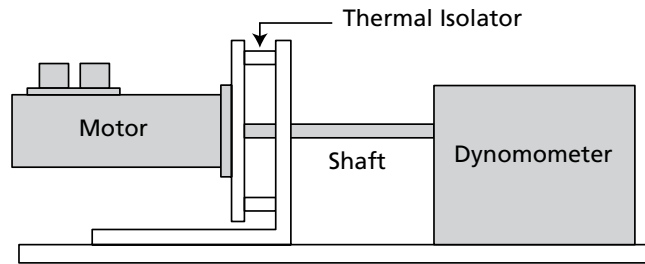
7 Peak Current

The Peak Current is the maximum current that can be applied to the motor without demagnetization of the magnets.

Drive Model	Switching Frequency	AC Input
-------------	---------------------	----------

Epsilon	10 kHz	230 VAC
EN	10 kHz	230 VAC
MDS	5 kHz	230/460 VAC

Ambient	25°C
Motor Case	100°C 120°C (For MH 8" only) 75°C (XV motors)



Motor Model	Frame Size	Mounting Plate Dimensions
-------------	------------	---------------------------

FM	75 mm	250 mm x 250 mm x 15 mm
	95 mm	250 mm x 250 mm x 15 mm
	115 mm	350 mm x 350 mm x 20 mm
	142 mm	350 mm x 350 mm x 20 mm
	190 mm	500 mm x 500 mm x 20 mm
NT	2"	6" x 6" x 1/4"
	3"	10" x 10" 3/8"
XV	40 mm	150 mm x 150 mm x 6 mm
	60 mm	150 mm x 150 mm x 6 mm
	80 mm	250 mm x 250 mm x 10 mm
	130 mm	250 mm x 250 mm x 10 mm
MG	2"	6" x 6" x 1/4"
	3"	10" x 10" x 1/4"
	4"	12" x 12" x 1/2"
MH	3"	10" x 10" x 1/4"
	4" (455,490)	10" x 10" x 1/4"
	4" (4120)	12" x 16" x 1/2"
	6"	12" x 16" x 1/2"
	8"	16" x 20" x 3/4"

OTHER SERVO MOTORS

All the servo drives can use custom motors, so long as the motor has a motor map file. To use an alternative motor, copy the motor map file (*.ddf) into PowerTools Pro it will assist in the configuration of the drive to be optimized to that motor.

The CTSize program enables users to find other drive/motor combinations for solving applications. This easy-to-use software program can be downloaded from the web site at no charge.