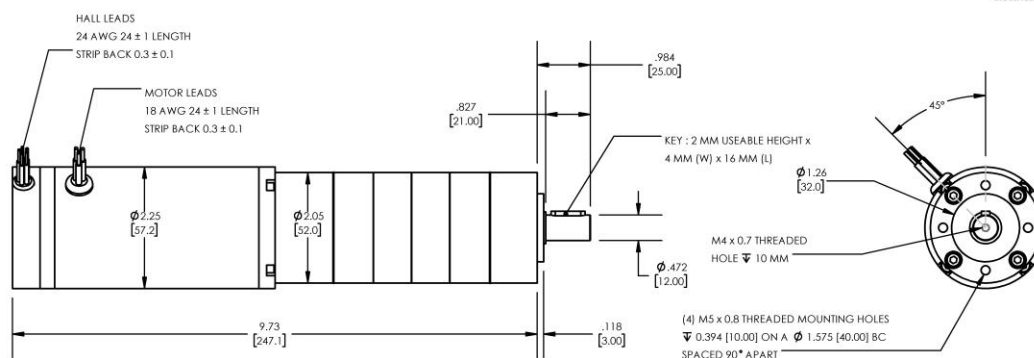




MMP BL58-487F-36V GP52-1140

Figure 10 is a line graph showing the relationship between CCW Shaft End (°) on the x-axis and Electrical Angle (°) on the y-axis. The x-axis ranges from 0 to 720 degrees with major ticks every 60 degrees. The y-axis represents the electrical angle for six different motor phases: M1+, M3-, M2+, M1-, M3+, and M2-. The graph displays six sinusoidal waveforms, each representing the electrical angle of a specific motor phase as the shaft rotates. The waveforms are vertically offset for clarity. The M1+ and M3- waveforms are in phase with each other, M2+ and M1- are in phase, and M3+ and M2- are in phase. The period of each waveform is 360 degrees of shaft rotation, corresponding to one full electrical cycle.



DIMENSIONS ARE INCHES [MM] UNLESS OTHERWISE STATED

++ All Peak Torque values are dependent upon duty. Contact our sales office for details.

NOTES:

- # MIDWEST MOTION PRODUCTS

DESIGN, MANUFACTURING & DISTRIBUTION - MOTION CONTROL EQUIPMENT

email: sales@midwestmotion.com