

MOTOR MOUNTING



TO AVOID PREMATURE MOTOR AND/OR BEARING FAILURE, IRONHORSE GEARMOTORS SHOULD BE INSTALLED IN ACCORDANCE WITH THE GUIDELINES LISTED HERE, AS WELL AS THE RECOMMENDATIONS ON THE PREVIOUS DIMENSION-DRAWING PAGES.

Orientation restrictions vary depending on model. See illustrations for details.

Mounting Orientations					
MTGP-P06	Shaft Horizontal Rightside Up	Shaft Vertical Down	Shaft Vertical Up	Shaft Horizontal Upside Down	Shaft Horizontal Base Rolled 90°
MTGP-P14 & P20	Shaft Horizontal Rightside Up	Shaft Vertical Down	Shaft Vertical Up	Shaft Horizontal Upside Down	Shaft Horizontal Base Rolled 90°
MTGR-P05 & P07	Shaft Horizontal Rightside Up	Shaft Vertical Up/Down Motor Horizontal	Shaft Horizontal Motor Vertical & Above	Shaft Horizontal Motor Vertical & Below	Shaft Horizontal Upside Down
MTGR-P14 & P20	The only acceptable orientation for MTGR-P20 and P14 gearmotors is shaft horizontal, mounting plate horizontal and below the gearmotor				

When necessary, use shims at the mounting bolt holes to ensure that the equipment surface is parallel to the gearmotor mounting surface. Use proper diameter bolts of the highest grade material available for the application, as shown on the dimension diagrams.

A mounted gearmotor must operate vibration free. Each gearmotor installation should be checked for potential vibration situations.