



Magnaloy Coupling Company

Technical Product Information

Pump/Motor Mounts

WorldWide Corporation Electric Motor

When using WorldWide Corp Electric Motors in the 182 NEMA Frame size and the Pump/Motor Mount in the vertical orientation, there is interference between the tank mounting bolts and the case of the motor. This interference is NOT unique to Magnaloy Pump/Motor Mounts, but Magnaloy does have a solution. The standard mounting configuration calls for the vertical mounting holes in the Pump/Motor Mount to be clearance holes for 1/2-13 UNC mounting bolts. The tank top is then tapped with 1/2-13 UNC threads. Looking at the illustration below, the WorldWide Corp. Motor frame overhangs the vertical mounting holes in the Pump/Motor Mount causing interference. Magnaloy's solution is to tap the holes in the Pump/Motor Mount with 1/2-13 UNC threads and have the tank top drilled for clearance for these bolts. The tank mounting bolts are then inserted for inside the tank through the tank mounting holes into the threaded holes in the Pump/Motor Mount.

To order this optional mounting method, simply specify the WorldWide Motor option designator (W) at the end of the standard Pump/Motor Mount part number. **IE. M182582BVW or S182652BVW.**

