

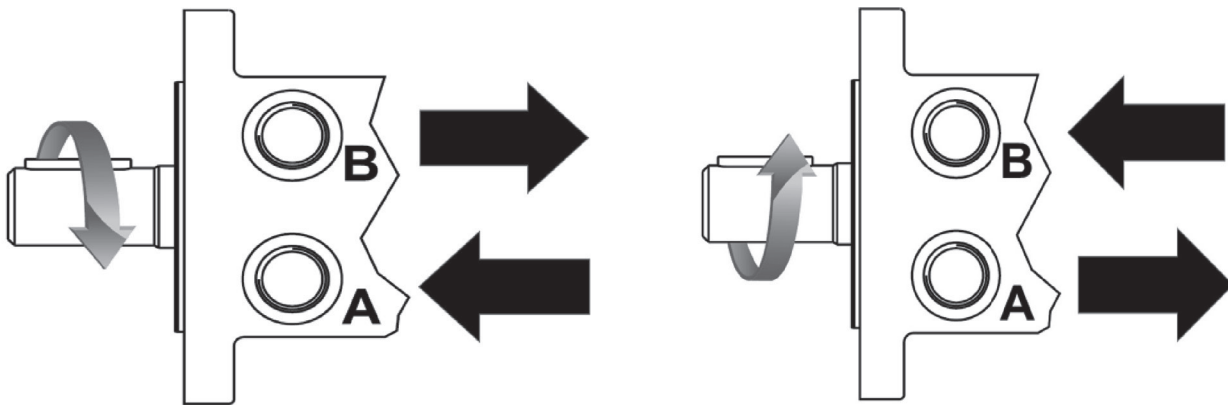
LOW SPEED HIGH TORQUE MOTORS

INSTRUCTION SHEET

OIL RECOMMENDATIONS

A good quality anti-foaming petroleum based fluid with anti-emulsion and anti-wear additives is recommended. Muncie does not promote specific manufacturer's brands of oil. Oil Viscosity Reference: Between 20 - 43 cSt [100 - 200 S.U.S.] at operating temperature is recommended. Fluid temperature should also be maintained below 85deg C [180deg F]. During cold weather, oil may thicken and not flow properly. Allow oil to warm up at slow speed. Your oil supplier should be consulted for your application needs.

MOTOR ROTATION



INSTALLATION

- It is important that the mounting flange of the motor makes full contact with the mounting surface of the application.
- Mounting hardware of the appropriate grade and size must be used. This hardware is not supplied by Muncie Power Products.
- The output device must fit the shaft snug. **DO NOT** use a hammer to install any type of output device onto the shaft.
- Port plugs should not be removed until the system connections are ready to be made. In order to avoid contamination, remove all matter from around the ports of the motor and the threads of the fittings.
- Once all of the system connections are made, it is recommended that the motor be run-in for 15-30 minutes at no load and half speed to remove air from the hydraulic system.

SYSTEM PROTECTION

To protect the hydraulic system from pressure spikes, a standard high quality in-line relief valve must be used (typically installed in directional control valve).



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