

## INSTALLATION SHEET FOR LARGE EFC STYLE FLOW CONTROLS KEEP WITH PRODUCT UNTIL INSTALLED

ADDITIONAL SHEETS MAY BE PRINTED OUT FROM OUR WEBSITE [WWW.BRAND-HYD.COM](http://WWW.BRAND-HYD.COM) UNDER PRODUCT CATALOG SECTION

CF port (Controlled Flow) - Flow coming from the CF port is pressure compensated and proportional to the current received by the coil. Flow can vary from closed to wide open.

EX port (Excess Flow) - Flow coming from the EX port is also pressure compensated.

**WHAT IF I?**

Block the CF port - Compensator spool will shift over and close off the EX port. Do not block the CF port.

Block the EX port - To do this a pressure compensated or load sense pump must be used.

Mounting Surface - The valve must be mounted on a flat surface, with a recessed area for either the spool nut or the cartridge valve body. It is important not to bend or twist the casting when mounting because this may cause the comp spool to bind.

Other Information - LEFC valves come standard in #16 SAE. Consult the factory for other possible port sizes.

Tank Port on Cartridge Valve Body - The cartridge valve body has a tank port (#4 SAE fitting) machined into it. In order for the internal cartridge valve to operate correctly, it must be plumbed back to tank with a **MAXIMUM of 10 psi** back pressure allowed. We recommend plumbing the tank port directly back to tank avoiding any filter.

