

INSTALLATION SHEET FOR FG STYLE ADJUSTABLE PRIORITY DIVIDER KEEP WITH PRODUCT UNTIL INSTALLED

ADDITIONAL SHEETS MAY BE PRINTED OUT FROM OUR WEBSITE WWW.BRAND-HYD.COM UNDER PRODUCT CATALOG SECTION

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. We also offer a special compensator spool (C9A-2P) to help reduce instability issues.

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

Have Instability Issues – Most instability issues can be resolved by using a different compensator spool or spring. The following parts can be substituted for the C9A compensator spool: C9AS, C9A-093, C9A-2P AND XDC609, spring: P1652.

Instability generally occurs when a motor is turning something that can free wheel (fan) or has a shaking force (vibration). When this occurs the FC51 compensator spool tries to compensate for all the changes in load. The reaction to each other becomes unstable and leads to chatter & noises.

Can I paint my valve? – Painting valves is okay as long as the all ports are properly plugged.

Pipe thread sealant – Warranty is void when Teflon tape is used to seal pipe threads. This is because Teflon tape is a friction reducing agent which allows customers to over-torque fittings. We recommend using a sealant that does not include friction reducing agents i.e. Lead Plate.

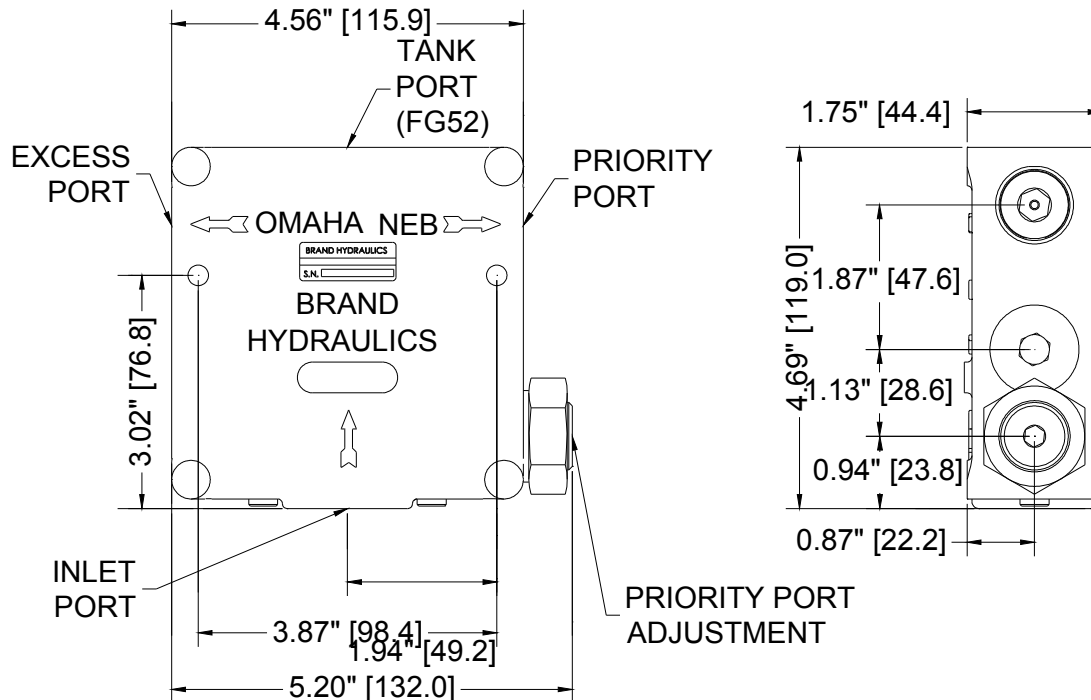


Figure 1: Dimensional Data for FG valves in inches & [millimeters].