



Shipping: 2332 S 25th St
Omaha, NE 68105
Phone: (402) 344.4434
Fax: (402) 344.8091
www.BRAND-HYD.COM



BG4 STYLE PRIORITY DIVIDER INSTALLATION & USER GUIDE

SAFETY PRECAUTIONS:

- It is the purchaser's responsibility to determine the suitability of any Brand Hydraulics Co. product for an intended application, and to ensure that it is installed in accordance with all federal, state, local, private safety and health regulations, codes and standards. Due to the unlimited variety of machines, vehicles and equipment on which our products can be used, it is impossible for Brand Hydraulics Co. to offer expert advice on the suitability of a product for a specific application. It is our customer's responsibility to undertake the appropriate precautions, testing and evaluation to prevent injury to the end-user.

SPECIFICATIONS:

- Rated for 3000 psi (207 bar).
- Rated for 30-45 gpm (114-170 lpm).
- 30-Micron filtration recommended.
- Weight 8.5 lbs. (3.9 kg).
- Standard port size.
 - #16SAE (1-5/16-12) all ports.

FEATURES:

- **Priority Port** – The priority port is identified by a number stamped into the spool plug notating the fixed flow rate controlled by the valve. For example, a BG406-16SAE will have a fixed flow rate of 6gpm. Flow coming from the priority port is pressure compensated.
- **EX port (Excess Flow)** - Flow coming from the EX port is also pressure compensated.

MOUNTING & INSTRUCTIONS:

- **Mounting** – Valve can be mounted in any orientation. Valve must be mounted on a flat surface. Special attention should be paid to not bend or twist the casting when mounting. Doing so may cause the compensator spool to bind, causing valve to fail. It is recommended to install washers between casting and mounting surface.

FREQUENTLY ASKED QUESTIONS:

Q: Can the priority port be blocked or plugged?

A: No. If the priority port is blocked or plugged for any reason the compensation spool will attempt to compensate for increasing pressure, and shift thus blocking the EX port as well, and rendering valve inoperable. **DO NOT BLOCK PRIORITY PORT.**

Q: Can the EX port be blocked or plugged?

A: The EX port can be blocked or plugged, but doing so requires a pressure compensated or load sense pump.

Q: Can flow be sent in reverse through valve.

A: Flow should not be sent in reverse through valve, may cause valve to fail.



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DIMENSIONAL DATA:

