Made in the Heartland of America

Shipping: 2332 S 25th St (Zip 68105)
Mailing: P.O. Box #6069 (Zip 68106)
Omaha NE
Phone: (402) 344.4434
Fax: (402) 341.5419
www.BRAND-HYD.COM

ISO 9001:2008 WITH DESIGN
Certificate #02.002.1

B300 NON-ADJUSTABLE COMBINER INSTALLATION & USER GUIDE

SPECIFICATIONS:

- Rated for 3000 psi (207 bar).
- Rated for 1-16 gpm (3.8-60.6 lpm).
- 20-Micron filtration recommended.
- Weight 4.8 lbs. (2.2 kg).
- Standard port sizes.
  - 1/2" NPT all ports.

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 combiner spool to bind, causing valve to fail. It is recommended to install washers between casting and mounting surface.

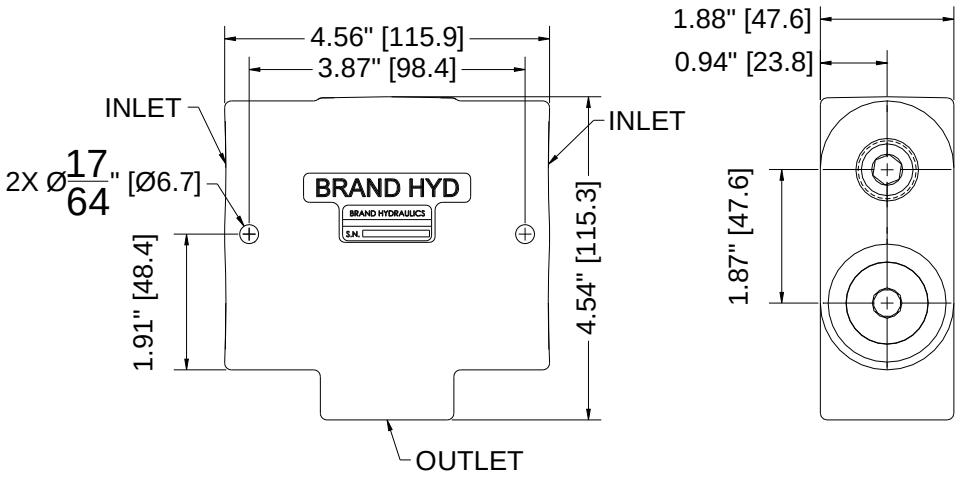
FREQUENTLY ASKED QUESTIONS:

Q: What happens if I block one inlet port?
A: The combiner spool will try to open more flow to the blocked port. This in turn will block off flow to the other port.

GENERAL INFORMATION:

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.

DIMENSIONAL DATA:



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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.
- Overpressure may cause sudden and unexpected failure of a component in the hydraulic system, resulting in serious personal injury or death. Always use a gauge when adjusting a relief valve.