

INSTALLATION SHEET FOR B50, B100 & B100AB STYLE PROPORTIONAL DIVIDER KEEP WITH PRODUCT UNTIL INSTALLED

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

Mounting Surface – The valve must be mounted on a flat surface. It is important not to bend or twist the casting when mounting because this may cause the comp spool to bind. On rigid surfaces we recommend washers between casting and mounting surface.

What happens when I block one outlet port? – The compensation spool will try to open more flow to the blocked port. This in turn will block off flow to the other port.

What are adjustments for on the B100AB? – The adjustment screws are for the automatic adjustment bypass for each outlet. If one cylinder ends its stroke ahead of the other, the bypass to the lagging cylinder will automatically open (750psi [51.7bar] pressure differential) allowing the lagging cylinder to finish its stroke. The bypasses are factory set to open at a pressure difference of 750psi [51.7bar].

Other Information – Valves are available in NPT and optional SAE, consult factory for sizes.

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.

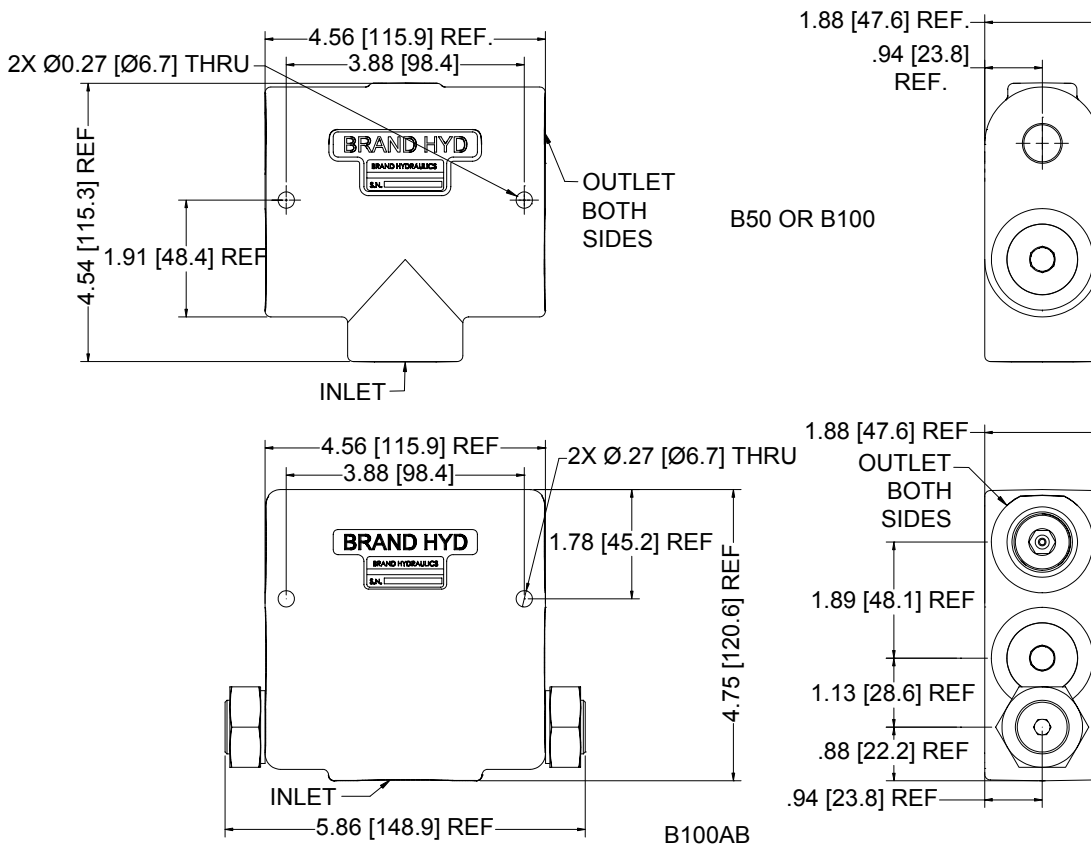


Figure 1: Dimensional Data for B valves in inches & [millimeters].