BRAND HYDRAULICS CO.
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

MS MANUAL SELECTOR VALVE INSTALLATION & USER GUIDE

SPECIFICATIONS:

- Rated for 3000 psi (207 bar).
- Flow rating
  - 3/4" NPT 0-30 gpm (0-113 lpm).
  - #16 SAE 0-45 gpm (0-170 lpm).
- 30-Micron filtration recommended.
- Weight
  - MS75 5.5 lbs. (2.5 kg).
  - MS16SAE 9 lbs. (4.1 kg).
- Standard port sizes.
  - 3/4" NPT all ports.
  - #16 SAE (1 5/16-12) 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 valve to fail.

FREQUENTLY ASKED QUESTIONS:

Q: What kits are available for this valve?
A: Seal kits are available for the MS75 (Part# MS-K) and for the MS16SAE (Part #: LMS-K)

Q: Can I paint the valve?
A: Painting valves is acceptable as long as the following precautions are taken:
1- All ports must be plugged
2- Spool must be masked or taped off completely.
Any paint on the spool will cause leakage when it chips off. Warranty is void if any valve is returned with paint on the spool.

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.

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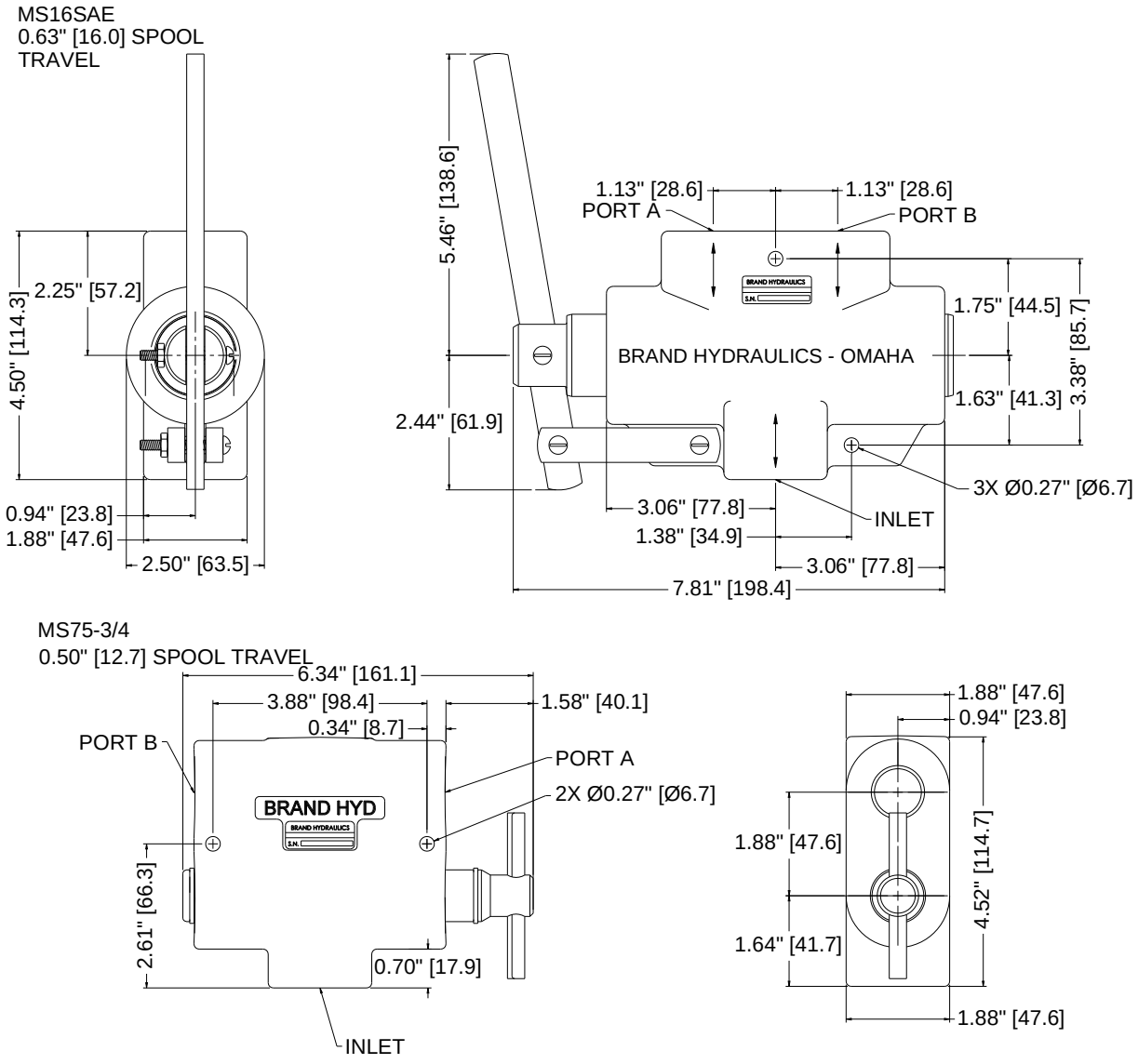
DIMENSIONAL DATA:



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.