



WARRANTY

The company undertakes to repair (at its option) products which are shown to have been defective at delivery either as a result of faulty materials or workmanship or because they do not comply with sections 13, 14 and 15 of the Sales of Goods Act 1979.

Providing notice is given to the company of the defect within one month of becoming aware of the same, but in any event within two years of despatch. This shall not apply to defects that are due to wear and tear, modifications, repairs or faulty installation used outside of published or otherwise specified operating limits or any other cause arising after delivery.

Attention is drawn to full warranty as detailed in 'General Conditions of Sale' on company invoices

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Super X In-line Valves Manual, Mechanical & Pilot Operated Installation & Maintenance Instructions

PORT & OPERATOR IDENTIFICATION

Port 1 = Supply
Port 2 & 4 = Actuator
Port 3 & 5 = Exhaust

For port and operator identification see function label on valve. Two digit number on operator ends, indicate the two ports connected when that operator is in command.

INSTALLATION

Tube Connection

Port threads are either G 1/8 or G 1/4 adapters with either parallel or taper threads fitted to these ports. If taper threaded adapters are used with PTFE sealing tape, care must be taken to ensure that tape strands can not enter the valve.

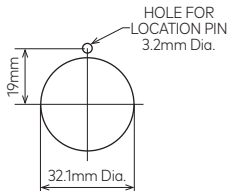
Valve Exhaust

Valve exhausts should be fitted with silencers. If valves are fitted in control cabinets, it is recommended that exhaust be piped to the outside of the cabinet and silenced.

Filtration & Lubrication

Pneumatic components should always be protected by suitable air filtration to a 50µm standard. For optimum life, air should be lubricated. Non-detergent petroleum based oils, with an ISO:3448 viscosity grade number in the range of 10-37 is recommended. Phosphate Ester based fluids should never be used in air systems or seal damage will be caused.





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Medium:

Compressed air, filtered (50 μm), lubricated or non lubricated

Supply Pressure:

0-10 bar

Operation Temperature:

-20°C to +80°C

* Consult our Technical Service for use below +2°C

Operator Specifications:

See product catalogue for details of actuating forces and pilot pressures.

For servo-operated valves the air supply to the servo-operator should be non-lubricated.

Fixing Details

After panel drilling has been completed, remove bezel and anti-seize washer from valve assembly. Fit valve to panel drilling with rubber washer on underside of panel. Ensure location pin is in position, replace anti-seize washer and bezel, tighten as required.

WARNING

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under »**Technical features/data**«.

Please refer to relevant catalogue sheet. Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult Norgren Ltd.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.