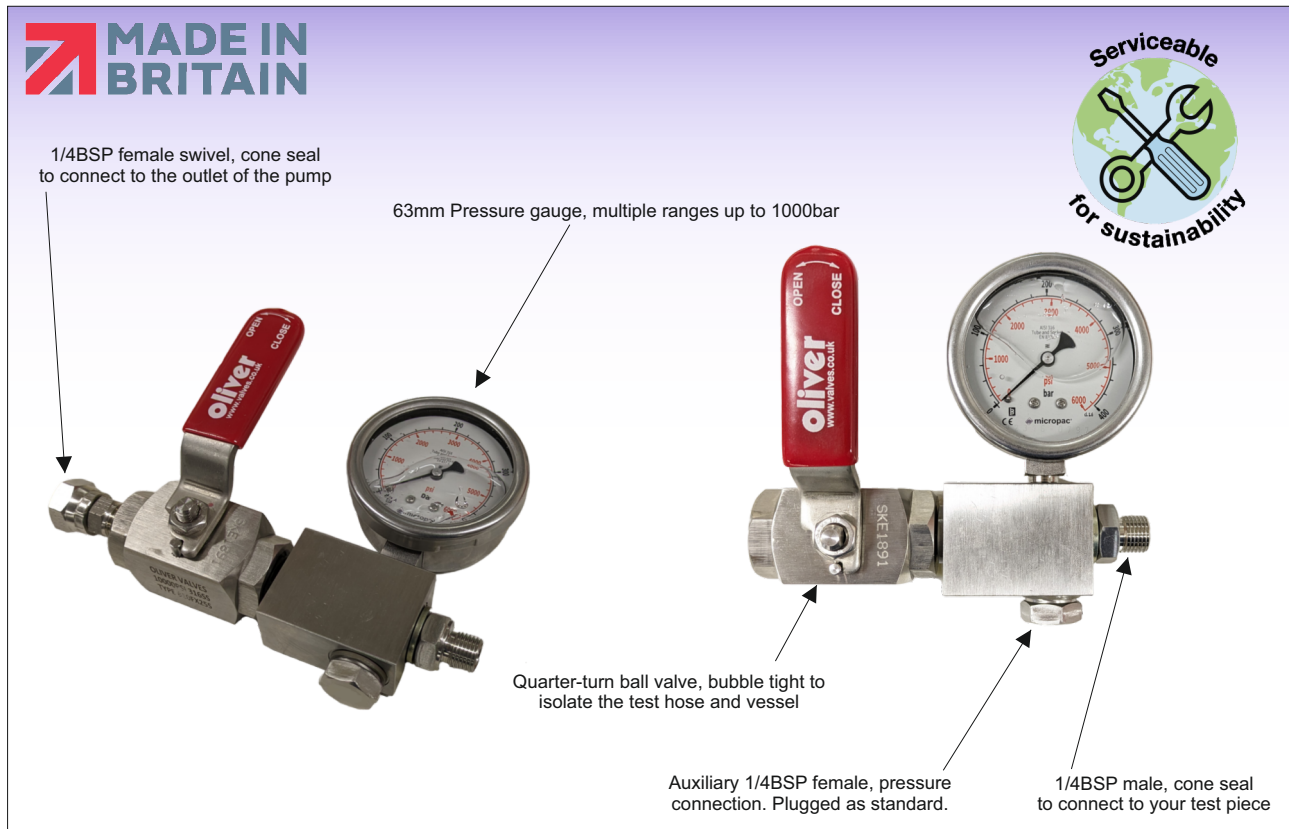




# Micropac® MSO series Hydraulic Shut-off Valve



Lock in your test pressure for ultimate reliability in hydrostatic pressure testing

## FEATURES & BENEFITS

- Consistency- lock in your test pressure close to the test component in the same place every time
- Reliability- a common 700 bar ball valve offers low tech quarter turn shut off .
- Eliminate any uncertainty over loss of pressure due to hose flex or weeping feed fittings
- Fit your pressure gauge or pressure transducer close to your test component.
- Stainless steel for very low corrosion
- Seal options for multi-fluid compatibility
- British designed and manufactured
- Add as an enhancement to your Micropac pressure test pump and hose
- Other adaptors available. Talk to us..

# NOTES

## APPLICATION

The Micropac MSO shut off valve is designed to allow a hydraulic flow through the assembly into your test piece, before shutting the quarter turn valve to completely isolate the test equipment from the hand pump. The valve is bubble tight meaning any leaks and subsequent pressure drops over time can be attributed only to the test piece. The pressure gauge on the tee will allow users to measure any pressure loss.

## MATERIALS OF CONSTRUCTION

Fittings and manifold tee are made from 316 stainless steel

Pressure gauge typically made from 316 stainless steel wetted parts, 304 case and a plastic window. Glycerine filled. Options are available for "All-316" gauges and safety glass windows. Consult factory. Copper washers seal the gauge to the manifold tee.

Sealing elements are stainless steel and elastomer bonded washers. Nitrile bonded washers are standard but other elastomers are available, as below.

**Standard Seals** Nitrile. EPDM or Viton available. For other compounds, consult the factory.

## MOUNTING

Screw on to pump outlet using the 1/4BSP female swivel cone seal fitting. Then attach an outlet hose to the male fitting on the other end. This assembly is an "in-line" assembly meaning it can be retrofitted into installations easily. For dimensions see installation drawing 521000100.

## MAINTENANCE

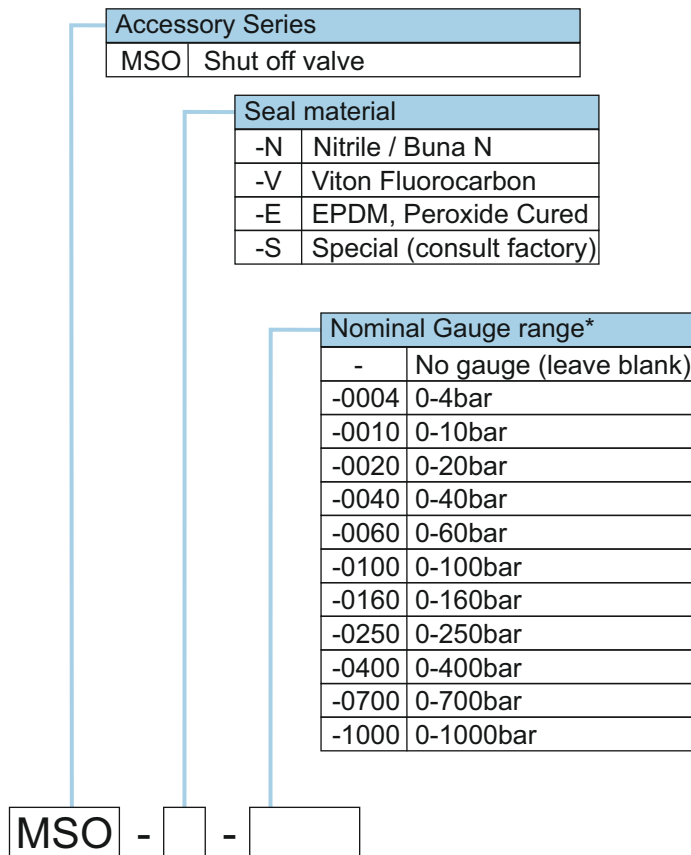
The shut off valve does not require any servicing but periodic visual inspection as part of a preventive maintenance programme is recommended. Check for leaks or any of the fittings coming loose over time.

## SAFETY

This shut off valve is a component forming part of a hydraulic pressure system. The system should be designed, operated and maintained in accordance with statutory requirements and other relevant instructions.

Note that published data may be subject to revision.

# ORDERING CODE



\*Depending on availability we may supply a gauge with a slightly different range to the one indicated in the ordering code. For example, a 0-250bar gauge may be delivered as a 0-280bar model

We are a long established ISO 9001:2015 certificated designer and manufacturer of hydraulic equipment. Full details of other products in our range are available from:

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