





Fitting Guide for Lionsele® SP — hydraulic seal for double-acting pistons

ⓘ This seal operates with slight axial float. It must not be axially compressed

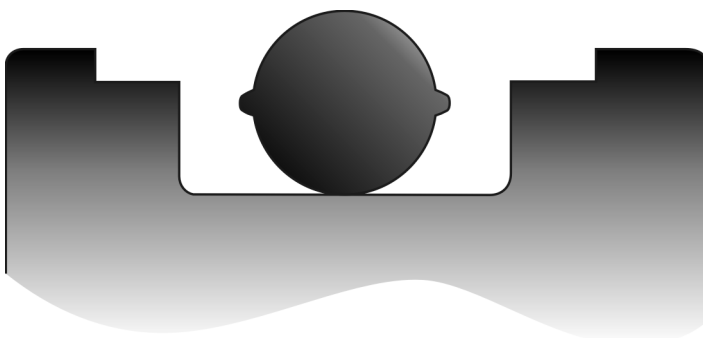
1  For Health & Safety reasons, shut down the hydraulic system before installing your new Lionsele® SP seal. **Shut off power**

2  Check the sealing element, anti-extrusion rings, wear plates and housing. Ensure that all five seal components are correct for the housing. **Check sizes of five seal components & housing**

3  Remove old seal, then thoroughly clean the seal housing. **Remove old seal. Clean the housing**

4  Lightly lubricate all the seal components with the hydraulic fluid prior to assembly. **Lubricate all seal components**

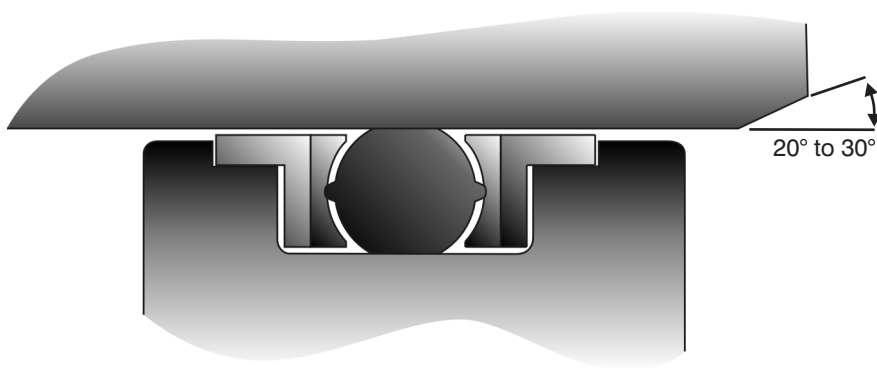
5 Stretch the rubber sealing element over the piston head. Ensure it is seated firmly in centre of housing recess and that the sealing surfaces are not damaged. **Stretch rubber element into position**



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- 6 Fit the split anti-extrusion rings on either side of the sealing element, then fit the split rings. Carefully lower piston into cylinder.

Fit anti-extrusion and wear rings. Lower piston into cylinder.



Material Safety Data Sheets are available on request

James Walker & Co Ltd Customer Support Centre, 1 Millennium Gate, Westmere Drive, Crewe, Cheshire, CW1 6AY UK
Tel: +44 (0)1270 536000 Fax: +44 (0)1270 536100 Email: csc@jameswalker.biz

Health warning: If PTFE or fluoroelastomer (eg, FKM, FFKM, FEPM) products are heated to elevated temperatures, fumes will be produced which may give unpleasant effects, if inhaled. Whilst some fumes are emitted below 250°C from fluoroelastomers or below 300°C from PTFE, the effect at these temperatures is negligible. Care should be taken to avoid contaminating tobacco with particles of PTFE or fluoroelastomer, or with PTFE dispersion, which may remain on hands or clothing.

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To ensure you are working with the very latest product specifications, please consult the relevant section of the James Walker website: www.jameswalker.biz.

CPC: Lionsele SP Level 03 AM03 271011