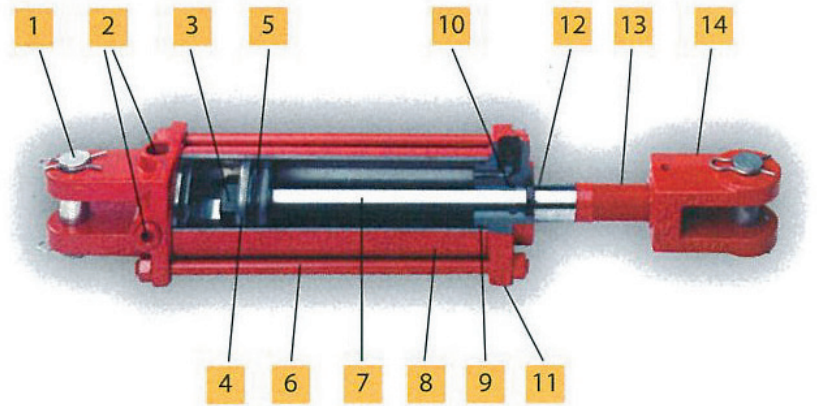


LYON

HYDRAULIC TL CYLINDERS

14 ways better than the rest!



Pins & Retainers:

All feature high-tensile steel, zinc plated, with hairpin retainers.

Ports:

Double-ported NPTF for greater assembly flexibility. Cylinders assembled with ports inline unless otherwise stated.

Piston Nut:

Heavy-duty, torqued, self-locking piston nut holds piston firm under high-cycle loading.

Piston:

Precision-machined, ductile iron provides a malleable bearing surface for extended life.

Piston Seal:

90 durometer O-ring with antiextrusion backup washers for positive piston sealing under high loads.

Tie-Rods:

High-tensile steel to prevent failure at high pressure.

Cylinder Shaft:

High strength, hard chrome-plated shaft provides extended cylinder life in harsh applications.

Tube:

Precision-finished skive and burnished heavy wall steel tubing for extended seal and cylinder life.

Tube Seal:

90 durometer O-ring with antiextrusion backup that prevents leakage under high pressure and cycle loading.

Rod Seal:

90 durometer O-ring with antiextrusion backup washer providing long-wearing, positive seal.

Rod Cap & Clevis Cap:

Ductile iron comes with drilled oil passages, offering increased bearing surface for high shock and side load applications.

Rod Wiper:

Metal-encased Nitrile, preventing contaminants from entering cylinder

Threaded Shaft (on ASAE Cylinders):

To accept optional mechanical stroke control on 8in. stroke ASAE cylinders only (not applicable to 5in. bore cylinders).

Rod Clevis:

Ductile iron comes with 360° thread contact area and positive set screw locking device, able to withstand continuous high loads without wear or fracture.