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101L Series

Light and Heavy Duty Hydraulic
1.50 through 8.00 bore
Roundline Hydraulic Service
Up to 1500 psi Pressure Rating

The Spacesaver

The 101L series is a unique roundline, space-saving design offered in light duty and heavy duty models. This 50 year old proven design has remained primarily unchanged and has served exceptionally in the toughest industrial environments.

Basic Product Offers

- 100,000 PSI min yield Chromed Steel Rod
- Steel Construction
- Key Retained End Covers
- Ductile Iron Gland Cartridge
- Metallic Rod Scraper
- Multiple Interchangeable Mounting
- NPTF Ports
- Standard Rabbet Mount

Basic Mounting Offers

- A - Cap Round Flange
- B - Head Round Flange
- C - End Foot Lugs
- D - Pivot
- E - Intermediate Trunnion
- F - Rabbit
- G - Clevis

Optional Offers

- Porting
  - SAE Straight Threads
  - British Parallel
  - British Tapered
- End of Stroke Cushions
- Seal Materials
  - Polyurethane
  - Viton
  - Ethylene-Propylene
  - Teflon
  - Metallic-Step Cut Rings
- Bore Materials
  - Chromed Bore - Type I
  - Chromed Bore - Type II
- Rod Materials
  - 17-4 Stainless Steel
- Special Requested Rod Ends
- Multiple Wrench Flats
- Special Fluid Applications
  - Water Fitted
  - Water Glycol
  - Special Requested Mediums
- Air Bleeds
- Coatings
  - Primer
  - Epoxy
  - Nickel-Plating
  - Cadmium Plating
  - Special Requested Coatings
- Rod Boots
- Pinned End Covers
- Over sized rod diameters -
  - Overall cylinder dimensions changes
- Interchangeable mounts
  - All cylinders are rabbit mounts -
  - A, B, C, D, and G are bolted mounts
- Cylinder Accessories
  - Rod End
  - Base Mounts
  - Electronics - Switches
    - Dyna Style End of Stroke

Available Constructions

- Single Rod End
- Double Rod End
- Cap End Cover Stroke Adjustment

Max Operation Pressures

- Light Duty - 500 psi
- Heavy Duty - 1500 psi

Cylinder Warranty

- Standard defect two (2) year or
  4,000 hrs of normal application usage

Inspection and Test

- All cylinders are fully inspected for order accuracy and bench pressure tested before painting and shipping.
- All 101L series are bench pressure tested to the cylinders' rated pressure

Ortman Fluid Power has "Your Cylinder Solution Team"
Contact your local Ortman Fluid Power Distributor with your special requests and applications.