

CYLINDER SPECIFICATION

DOUBLE ACTING
NON CUSHIONED
2000 P.S.I. WORKING PRESSURE
3000 P.S.I. NON SHOCK
-40°C TO +80°C WORKING TEMPERATURE

- 1 PISTON ROD SCRAPER
  PROLONGS CYLINDER & PISTON ROD LIFE
  BY PROVIDING POSITIVE EXCLUSION OF
  FOREIGN MATTER
- (2) GLAND NUT
  PHOS. BRONZE, SCREWED TYPE FOR EASY
  ADJUSTMENT AND REPLACEMENT (WITH
  LOCKING PROVISION)
- GLAND

  PRECISION MADE ALL STEEL FOR MAXIMUM STRENGTH.
- (4) GLAND PACKING

  EXCELLENT LOW & HIGH PRESSURE

  MECHANICALLY ACTIVATED MULTI-LIP ROD SEAL.
- (5) GLAND SEAL O-RING FOR POSITIVE GLAND SEALING
- (6) CYLINDER BARREL

  MANUFACTURED FROM COLD DRAWN SEAMLESS
  TUBE, HONED FOR LONG SEAL LIFE.
- 7 PISTON ROD

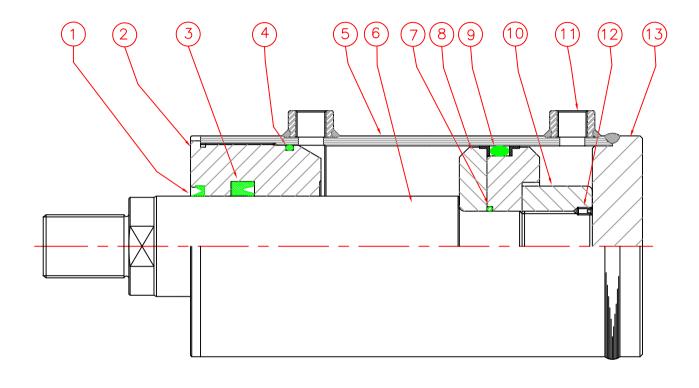
  MANUFACTURED FROM HARD CHROME PLATED
  ALLOY STEEL.
- (8) PISTON SEAL 0-RING FOR POSITIVE SEALING.
- (9) PISTON2 PIECE STEEL PISTON
- (10) PISTON PACKING
  ROBUST DESIGN WITH WEAR RINGS
  FOR POSITIVE SEALING AND LONG LIFE
- (11) PISTON NUT
  GUARANTEES POSITIVE PISTON RETENTION
- (12) PORTS STANDARD B.S.P.P. PORTS
- (13) PISTON LOCKING SCREW GRUB SCREW FOR POSITIVE LOCKING.
- 14) END CAP

HYDROIL PTY. LTD=

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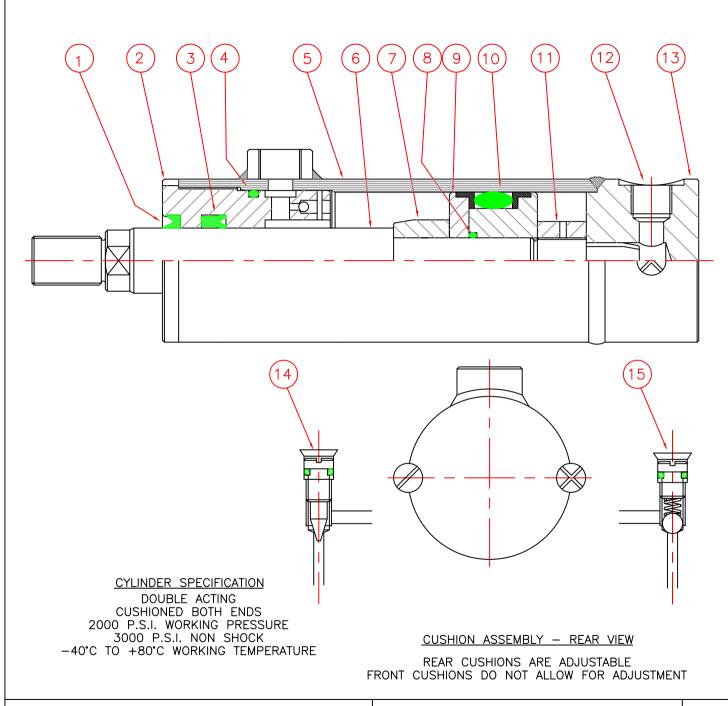
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- 1 PISTON ROD SCRAPER
  PROLONGS CYLINDER & PISTON ROD LIFE
  BY PROVIDING POSITIVE EXCLUSION OF
  FOREIGN MATTER
- (2) GLAND PRECISION MADE FROM CAST IRON.
- (3) ROD SEAL LOW FRICTION, HIGH PERFORMANCE GENERAL PURPOSE SEAL.
- (4) GLAND SEAL O-RING FOR POSITIVE GLAND SEALING
- (5) CYLINDER BARREL MANUFACTURED FROM COLD DRAWN SEAMLESS TUBE, HONED FOR LONG SEAL LIFE.
- (6) PISTON ROD

  MANUFACTURED FROM HARD CHROME PLATED
  ALLOY STEEL.
- (7) PISTON SEAL O-RING FOR POSITIVE SEALING.
- (8) PISTON
  2 PIECE STEEL PISTON
- 9 PISTON PACKING ROBUST DESIGN WITH WEAR RINGS FOR POSITIVE LONG LIFE
- (10) PISTON NUT GUARANTEES POSITIVE PISTON RETENTION
- (11) PORTS STANDARD B.S.P.P. PORTS
- (12) PISTON LOCKING SCREW GRUB SCREW FOR POSITIVE LOCKING.
- (13) END CAP

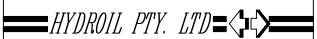
HYDROIL PTY. LTD=<



- 1) PISTON ROD SCRAPER
  PROLONGS CYLINDER & PISTON ROD LIFE
  BY PROVIDING POSITIVE EXCLUSION OF
  FOREIGN MATTER
- (2) GLAND
  PRECISION MADE FROM CAST IRON
  WITH INBUILT NON ADJUSTABLE CUSHION
- (3) ROD SEAL LOW FRICTION, HIGH PERFORMANCE GENERAL PURPOSE SEAL.
- (4) GLAND SEAL
  0-RING FOR POSITIVE GLAND SEALING
- 5) CYLINDER BARREL MANUFACTURED FROM COLD DRAWN SEAMLESS TUBE, HONED FOR LONG SEAL LIFE.
- 6 PISTON ROD

  MANUFACTURED FROM HARD CHROME PLATED
  ALLOY STEEL.
- (7) CUSHION SLEEVE BRONZE LOADED FOR CLOSE TOLERANCE FIT
- (8) PISTON SEAL 0-RING FOR POSITIVE SEALING.
- (9) PISTON
  2 PIECE STEEL PISTON
- (10) PISTON PACKING
  ROBUST DESIGN WITH WEAR RINGS
  FOR POSITIVE SEALING AND LONG LIFE
- (11) PISTON NUT GUARANTEES POSITIVE PISTON RETENTION
- (12) PORTS STANDARD B.S.P.P. PORTS
- (13) END CAP WITH ADJUSTABLE CUSHIONS
- 14) CUSHION NEEDLE VALVE ALLOWS CUSHION ADJUSTMENT
- (15) CUSHION CHECK VALVE

GENERAL ARRANGEMENT



HSH CUSHIONED SERIES HYDRAULIC CYLINDERS

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