

ROTATING RIGHT

## MODEL 1759 DOUBLE ACTING DUPLEX PUMP



### 1759

A 130 horsepower 10" stroke continuous duty double acting duplex pump. Equipped with cast iron or cast steel fluid ends and rated at pump speeds up to 85 RPM and maximum discharge pressures up to 1042 psi. Equipped with internal gear reduction unit.

#### Power End Features

- Cast iron power frame
- Steel crankshaft
- Bi-metal crankpin bearings
- Ductile iron connecting rods
- Heavy-duty roller crankshaft bearings
- Alloy steel crosshead pins
- Bronze bearing crosshead pin bushings
- Internal gear reduction / 5.846:1/Ratio/ with:
  - o Ductile iron herringbone type main gear
  - o Allow steel pinion shaft with herringbone pinion gear
  - o Heavy-duty roller pinion shaft bearings
- Flooded sump, splash distribution and lubrication
- Cast iron crossheads with upper/lower oil grooves
- Rated rod load is 131000 lbs.

#### Fluid End Features

- Bolted Valve and Cylinder head covers
- Bolted or threaded type glands & removable stuffing **boxes**
- File hard steel piston rods
- Standard valve types
  - o For crude oil transfer:
    - Steel wing guided valve & seat
  - o For slush / mud service:
    - Steel wing guided with replaceable insert
- Standard Valve Types:
  - o For crude oil transfer:
    - Cast iron piston body, ring type
    - Cast iron, chrome faced, piston rings
  - o For slush / mud service:
    - Mission slush type piston w/ replaceable rubbers
- General service piston rod packing

## Accessories

Rotating Right offers a full line of accessories to ensure long trouble free and safe operation of your multiplex pumps.

### Accessories Include:

- Pulsation Dampeners - Suction & Discharge
- Vibration Shock Switches
- Liquid Level Gauges & Switches
- Pressure Safety Valves
- Plunger Lubricators
- Fire Safety Valves
- High Discharge Pressure Switch
- Condensate Drain
- N.A.C.E. Valving
- Lubricator Level Controller
- API Valves
- Drive Options



## Expendables



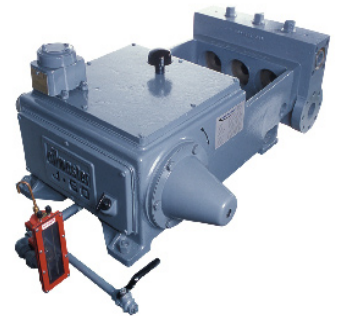
With our worldwide buying power Rotating Right is well equipped to provide a wide range of replacement parts & expendables for virtually all multiplex plunger pumps regardless of make or model.

Our expendables inventory includes plungers, packing, brass, valves, bearings, crankshafts, connecting rods and seals.



## Repair & Overhauls

Rotating Right service technicians follow strict quality control procedures for every pump repair and overhaul. The use of consistent and reliable re-manufacturing techniques ensure your equipment is returned to you in "Like New" condition.



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