

General Description

Series 915 hand pumps are double-acting providing primary, backup, or emergency hydraulic power. The hand pumps can be utilized anywhere; at any time, that hydraulic power is required, since the hand pump does not require an electrical or mechanical power source

Features

- Integral resilient seated valves prevent backflow during operation.

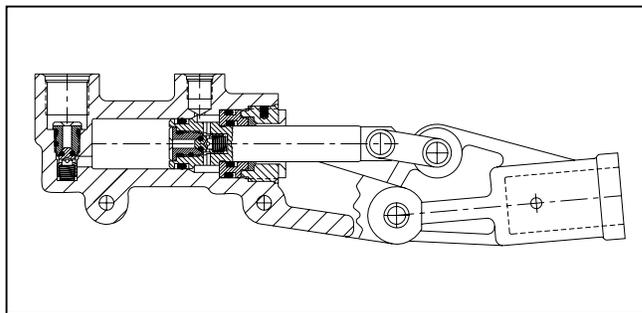
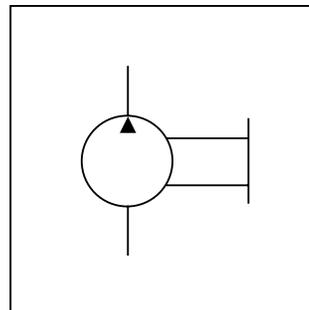
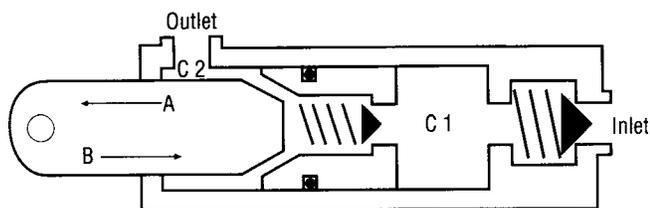
Operation

Piston Stroke — Direction A

Chamber C1 draws in fluid through INLET while chamber C2 discharges fluid through OUTLET.

Piston Stroke — Direction B

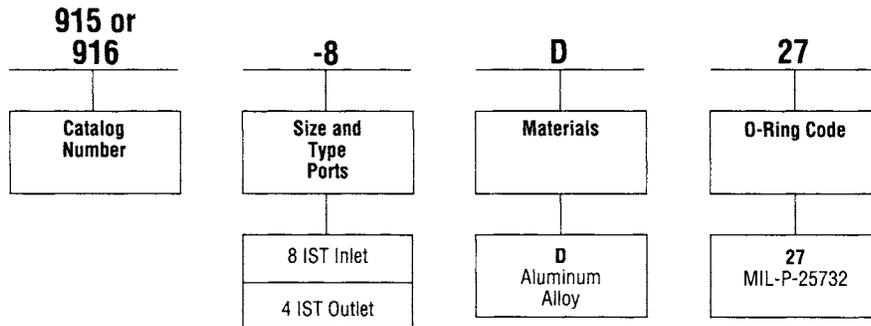
Volume in chamber C1 is transferred to chamber C2. Since chamber C2 holds half the volume of chamber C1, half of the fluid in chamber C2 is discharged through the OUTLET port.



Specifications

Service App.	Hydraulic oil
Pressure Range	Working: 0 - 207 Bar (0 - 3000 PSI) [207 Bar (3000 PSI) based on 60 lb. handle load at 22 1/2 in.] Proof: 310.5 Bar (4500 PSI) Burst: 517.5 Bar (7500 PSI)
Sizes	IST 8 (inlet) IST 4 (outlet)
Ports	IST Internal straight threads, 915-8D27 (AND10050), 916-8D27 (MS33649)
Type	Double-acting
Mounting	Holes (2) through, 6.5 mm (0.257 in.) dia.
Displacement	11.5 cc (0.7 cu. in.) per cycle (2 strokes)
Material	Body Aluminum alloy Piston Rod 420 Stainless steel Poppets 303 Stainless steel Springs 18-8 Stainless steel Molded seals Synthetic rubber Back-up rings PTFE Scraper Brass O-rings Synthetic rubber
Operating Arc	60°
Handle	Not furnished.
Temperature Range	-54°C to +121°C (-65°F to +250°F)

Ordering Information



Weight: 1.0 kg (2.1 lbs.)

Dimensions

Dimensions are shown in inches.

