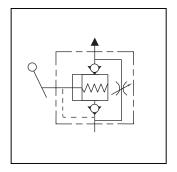
### **General Description**

Series 910N hand pumps are double-acting with needle valve providing primary, backup or emergency hydraulic power. Series 910N incorporates a cartridge needle valve that provides an easy method of bleeding an actuator or system back to tank. 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. They can be mounted in any position.

# District Beauty



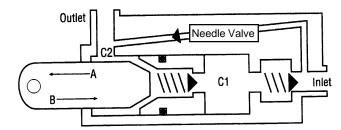
## **Operation**

#### Piston Stroke — Direction A

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

#### Piston Stroke — Direction B

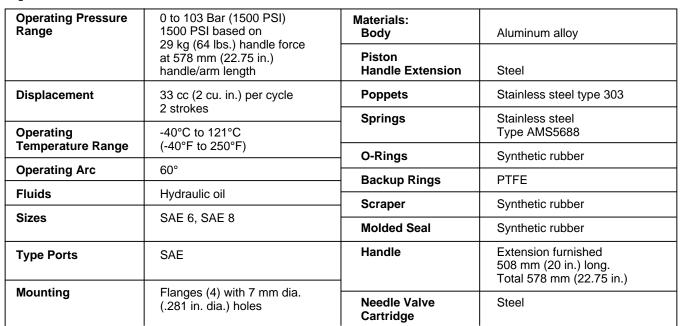
Volume in chamber C1 is transferred to chamber C2. Since chamber C2 holds half the volume of chamber C1, half of the fluid in chamber C2 is discharged through the OUTLET port.



# Features

- Lightweight, double-acting hand pump delivers 33 cc (2 cu. in.) per cycle, 2 strokes
- Needle valve cartridge is a dependable, proven component that will allow the bleed-off of a circuit back to tank
- Provides long maintenance-free service for any application where auxiliary hydraulic power is required

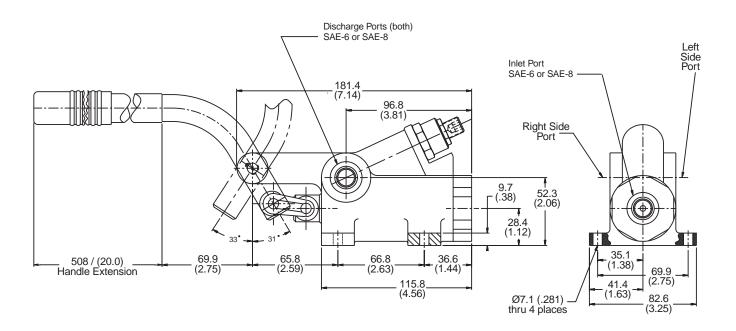
# **Specifications**





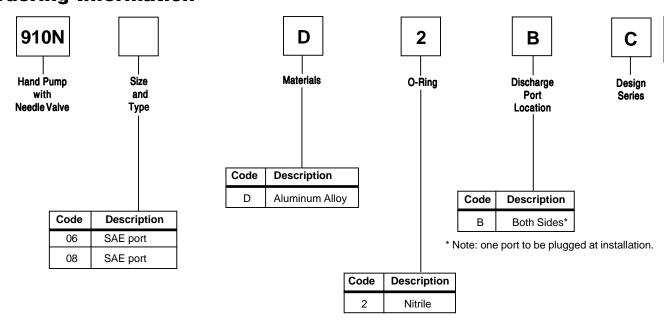
#### **Dimensions**

\*Inch equivalents for millimeter dimensions are shown in (\*\*)





# **Ordering Information**



Weight: 2.7 kg (6 lbs.)

repcat-h.p65, dd, fn

