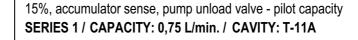
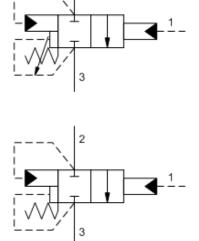
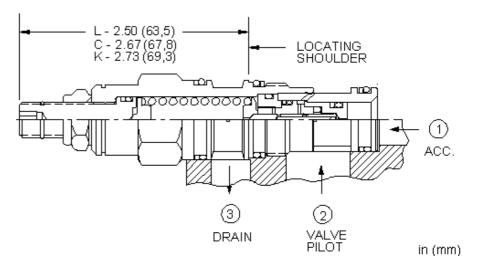
2





snhy.com/QPAA





The accumulator sense, pump unload pilot valve is used to sense pressure in an accumulator at port 1 of the valve and when the pressure at port 1 reaches the valve setting, port 2 connects to port 3 to vent a relief valve and unload the pump. This valve has a 15% ratio between unload setting and reset; when pressure at port 1 falls below 85% of the valve setting, port 2 is blocked from port 3 and the pump will come back online to recharge the accumulator.

This valve requires a separate check valve between port 1 and the pump. Another version of the accumulator sense, pump unload valve, QCDA, includes a free-flow check valve for pump flows under 12 gpm (50 L/min).

#### **TECHNICAL DATA**

NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

| Maximum Operating Pressure                             | 350 bar                 |
|--|-------------------------|
| Pilot Flow Capacity                                    | 0,75 L/min.             |
| Adjustment - No. of CW Turns from Min. to Max. setting | 5                       |
| Locknut Hex Size                                       | 15 mm                   |
| Locknut Torque   | 9 - 10 Nm               |
| Seal kit - Cartridge                                   | Buna: 990011007         |
| Seal kit - Cartridge                                   | Polyurethane: 990011002 |
| Seal kit - Cartridge                                   | Viton: 990011006        |

(N)

## **CONFIGURATION OPTIONS**

C Tamper Resistant - Factory Set

# Model Code Example: QPAALAN

#### (L) AD.

# RANGE (A) SEAL MATERIAL

## (L) ADJUSTMENT RANGE

## A 1000 - 3000 psi (70 - 210 bar), 1000 psi (70 bar) Standard Setting V Viton

- (70 bar) Standard Setting
  B 500 1500 psi (35 105 bar), 500 psi (35 bar) Standard Setting
- C 2000 5000 psi (140 350 bar), 2000 psi (140 bar) Standard Setting
- D 250 800 psi (18 55 bar), 250 psi (18 bar) Standard Setting