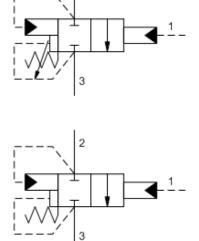
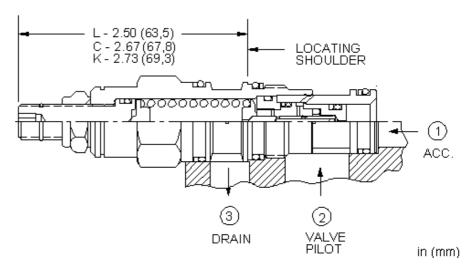


sunhydraulics.com/model/QPAC



2



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 30% ratio between unload setting and reset; when pressure at port 1 falls below 70% 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, QCDC, 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

Model Code Example: QPACLAN

(A) SEAL MATERIAL

N Buna-N V Viton

<u>CONTROL</u>

L Standard Screw Adjustment

C Tamper Resistant - Factory Set

_	
	(70 bar) Standard Setting
Α	1000 - 3000 psi (70 - 210 bar), 1000

(L) ADJUSTMENT RANGE

- 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