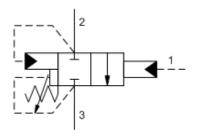
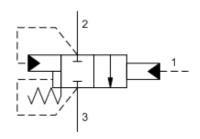
50%, accumulator sense, pump unload valve - pilot capacity

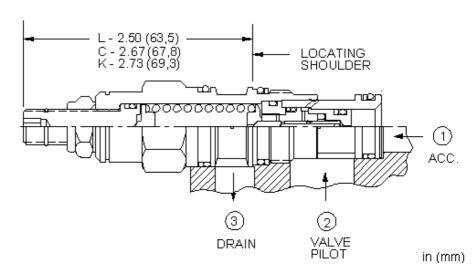
SERIES 1 / CAPACITY: 0,75 L/min. / CAVITY: T-11A



sunhydraulics.com/model/QPAD







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 50% ratio between unload setting and reset; when pressure at port 1 falls below 50% 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, QCDD, 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

CONFIGURATION OPTIONS

Model Code Example: QPADLAN

(L) ADJUSTMENT RANGE (A) SEAL MATERIAL CONTROL A 1000 - 3000 psi (70 - 210 bar), 1000 psi

L Standard Screw Adjustment

C Tamper Resistant - Factory Set

- (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

N Buna-N Viton

bar) Standard Setting

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