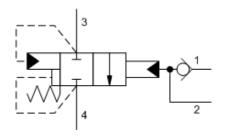
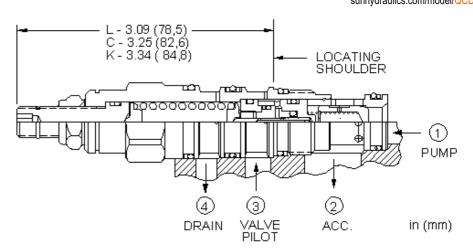


<mark>sun</mark> hydraulics

MODEL

**OCDD** 





The accumulator sense, pump unload pilot valve is used to sense pressure in an accumulator at port 2 of the valve and when the pressure at port 2 reaches the valve setting, port 3 connects to port 4 to vent a relief valve and unload the pump. This valve has a 50% ratio between unload setting and reset; when pressure at port 2 falls below 50% of the valve setting, port 3 is blocked from port 4 and the pump will come back online to recharge the accumulator.

The integral free-flow check valve is suitable for pump flows up to 12 gpm (50 L/min). For higher capacity pumps, another version of accumulator sense, pump unload cartridge, QPAD, which requires a separate check cartridge is available.

## **TECHNICAL DATA**

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

Maximum Operating Pressure	350 bar
Check Cracking Pressure	0,3 bar
Pressure Drop, Port 1 to Port 2	7 bar@60 L/min.
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: 990021007
Seal kit - Cartridge	Polyurethane: 990021002
Seal kit - Cartridge	Viton: 990021006

(N)

## **CONFIGURATION OPTIONS**

## Model Code Example: QCDDLAN

## (A) SEAL MATERIAL (L) ADJUSTMENT RANGE L Standard Screw Adjustment 1000 - 3000 psi (70 - 210 bar), 1000 psi Α N Buna-N (70 bar) Standard Setting C Tamper Resistant - Factory Set Viton v B 500 - 1500 psi (35 - 105 bar), 500 psi K Handknob (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