# **Sequence and Unloading Valves**

# **AUV 06**

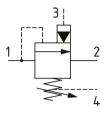
Unloading Valve, Pilot Operated, Spool Type, Hydraulic Pilot, External Drain **250 bar [3600 psi] • 50 l/min [13 US qpm]** 



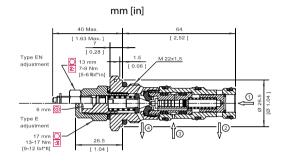
# **■ DESCRIPTION AND OPERATION**

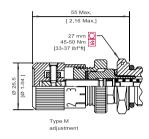
This is a pilot operated, spool type unloading valve. Normally used in conjunction with a check valve, the valve remains closed from port 1 to 2 until the set pressure is reached. Pressure sensed downstream of the check valve at port 3 will pilot the valve open, allowing the pressure at port 1 unload to tank (port 2) at minimum pressure. When the pressure in port 3 falls to 85% of the setting, the valve will close and the pressure in port 1 will rise. This valve can be used to dump the pump flow at minimum pressure in an accumulator system or in a two-pump unloading circuit.

#### SCHEMATIC



#### DIMENSIONS

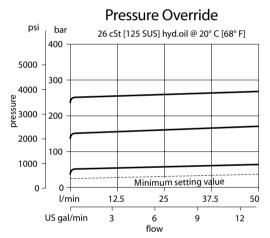




#### **PERFORMANCE DATA**

Rated pressure	250 bar [3600 psi]
Rated flow @ 7 bar [100 psi]	50 l/min [13 US gpm]
Weight	0.22 kg [0.49 lb]
Cavity	NCS06/4

### **PERFORMANCE CURVES**



## **■ MODEL CODE**

