

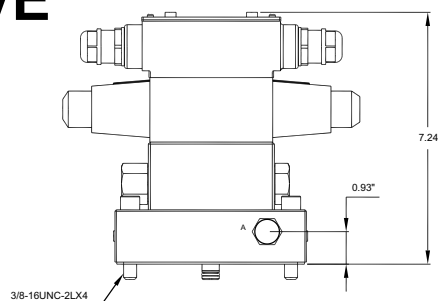
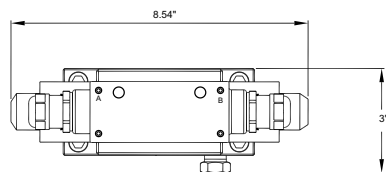


# BVA

## HYDRAULICS

### SOLENOID VALVE

# INDUSTRIAL HYDRAULIC EQUIPMENT

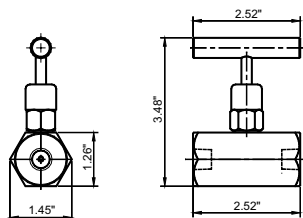


| Use With Cylinder | Model Number | Valve Type      | Valve Function        | Hydraulic Symbol | Schematic Flow path |  |  | Weight (lbs) |
|-------------------|--------------|-----------------|-----------------------|------------------|---------------------|--|--|--------------|
| Single Acting     | PS33L        | Solenoid 115VAC | Advance/ Hold/ Return |                  |                     |  |  | 7.0          |
| Double Acting     | PS43L        | Solenoid 115VAC | Advance/ Hold/ Return |                  |                     |  |  | 7.0          |

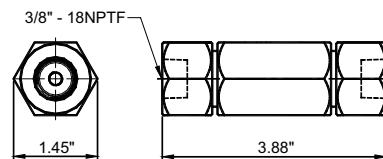
## FLOW CONTROL VALVES



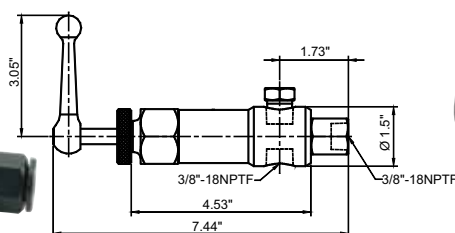
CVN1 & CVN3



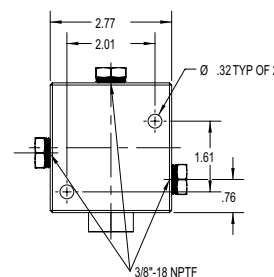
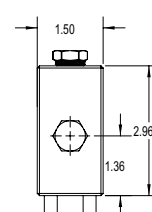
CVC3



CVR3



CVP3



| Valve Type                 | Model Number | Ports       | Application                                                                                                                                                                                                                                                                       | Hydraulic Symbol |
|----------------------------|--------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Needle Valve               | CVN1         | 1/4"-18NPTF | Controls cylinder speed and acts as temporary shut-off valve for load holding                                                                                                                                                                                                     |                  |
|                            | CVN3         | 3/8"-18NPTF |                                                                                                                                                                                                                                                                                   |                  |
| Check Valve                | CVC3         | 3/8"-18NPTF | Allows flow in one direction only                                                                                                                                                                                                                                                 |                  |
| Pilot Operated Check Valve | CVP3         | 3/8"-18NPTF | Mounted in line to a cylinder and will hold pressure in the cylinder in the event of pressure loss in the system. Most often used on double-acting cylinders with pilot port receiving pressure from a tee off of the cylinder retracting line. Pilot pressure ratio 15% or 6.5:1 |                  |
| Pressure Relief Valve      | CVR3         | 3/8"-18NPTF | Controls pressure developed by the pump in hydraulic loop. By-pass occurs when pre-set pressure is reached. Turns clockwise to increase pressure, counter clockwise to decrease                                                                                                   |                  |

BUILT TO LAST