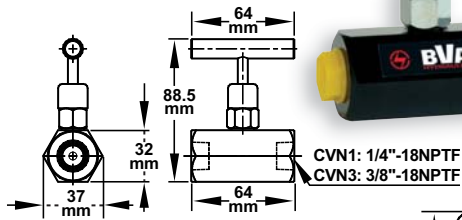
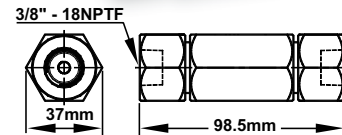


Flow Control Valve

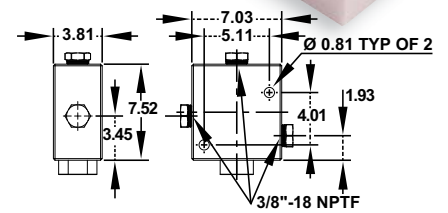
CVN1 / CVN3



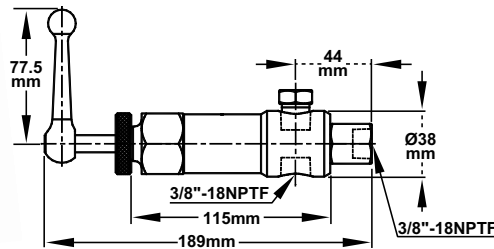
CVC3



CVP3



CVR3
CVR3/H



CVS1



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	Pilot operated Check Valve.	
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. Turn clockwise to increase pressure counter clockwise to decrease.	
CVR3/H	3/8"-18NPTF	Same as CVR3, but return line hose / 1 meter length is included.	
PRESSURE ACTUATOR PE PUMP			
CVS1	1/4"-18NPTF	Adjustable control for the PE (only) pumps dispensing pressure. Step less control range: 100 to 700 bar. Off/on pressure differential 50/100 bar. Pressure actuator is supplied with connector similar as the remote control. So "plug and play" by the remote control connection.	

Pump Mounted Valves



PW3



PW33L & PW43L

Valve Operation	Valve Type	Use with Cylinder	Model Number	Hydraulic Symbol	Schematic Flow path			Weight (kg)
Manual	3-way, Tandem Center	Single Acting	PW2				-	1.8
	3-way, Tandem Center		PW3					1.8
Manual	4-way, Tandem Center	Double Acting	PW4					1.8
	3-way, 3 position, Tandem Center, Locking		PW33L					2.7
	4-way, 3-position, Tandem Center, Locking	PW43L						2.7