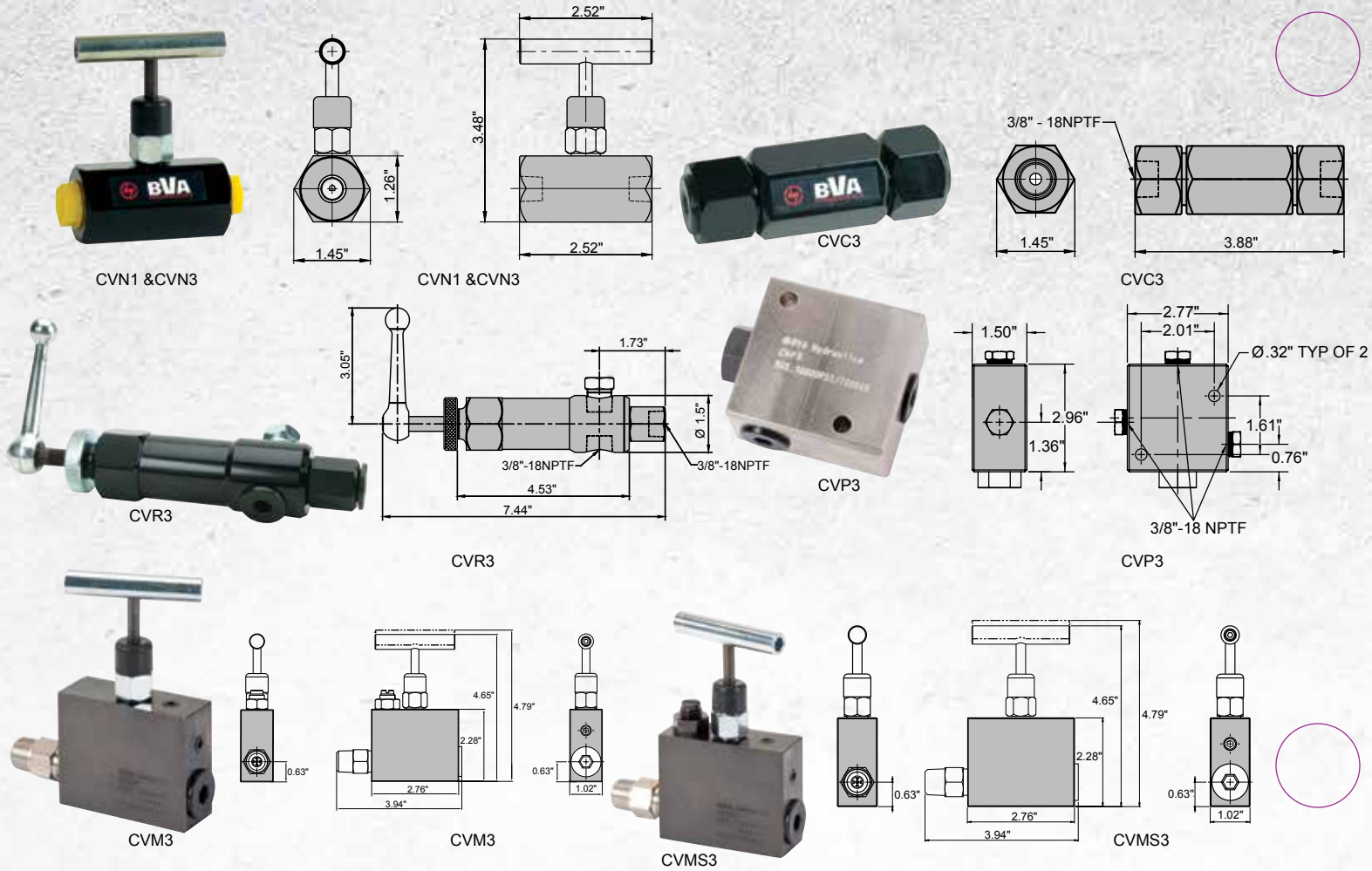


FLOW CONTROL VALVES



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 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	
Manual Operated Check Valve	CVM3	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. Pressure is manually released.	
	CVMS3	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. This model is equipped with high-pressure bypass. Pressure is manually released.	