

Accessory valves *Application & selection*

Shown: HV-1000A, V-17, V-10, V-12, V-152



Accessory valves

Enerpac accessory valves are available in a wide variety and many configurations to control hydraulic pressure or oil flow. These valves are used in conjunction with other valves and system components to provide full automation and control.

Application

Accessory valves are used to automate clamp cycles, prevent pressure loss and provide additional operator and component safety.

Your hydraulic control solution

- Regulate oil flow or system pressure
- All valves feature NPT or SAE porting to insure against leakage at rated pressure
- Can easily be installed in any system
- All valves are painted, coated or plated for corrosion resistance.



Product selection

Valve type	Maximum pressure	Model number	Oil ports
	bar		
Holding valve, air pilot	200	HV-1000A	1/8" NPTF
Holding valve, modular	200	MHV-1	1/8" NPTF
Pressure limiting valve	200	PLV-40013B	1/8" NPTF
Manual shut-off valve	350	V-12	SAE #4
Auto-damper valve	700	V-10	1/2" NPTF
Safety check valve	700	V-17	3/8" NPTF
Pressure relief valve	700	V-152	3/8" NPTF

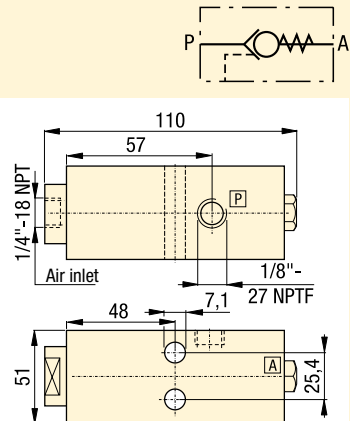


Product specification

HV-1000A

Air pilot holding valve

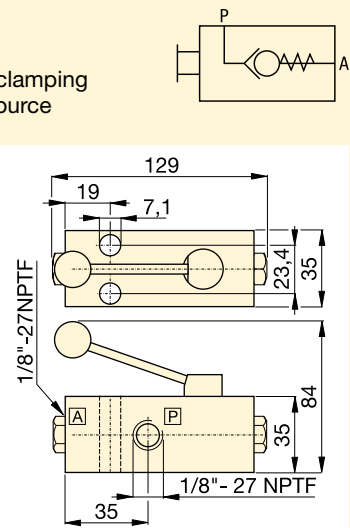
- Holds fluid under pressure offering independent control of different branches of the same fixture
- Valve can control the pilot air and the booster in sequence
- Max. oil flow 5 l/min
- Works with the VA-42 four-way air valve and a booster.



MHV-1

Modular holding valve

- Allows separate operation of clamping fixtures with a single power source
- Ideal for applications when fluid feed lines are impractical. If system pressure is interrupted, the MHV-1 will hold the pressure beyond the valve.
- Max. oil flow 5 l/min
- To release system pressure, rotate valve handle in either direction 90° to release and retract system pressure.



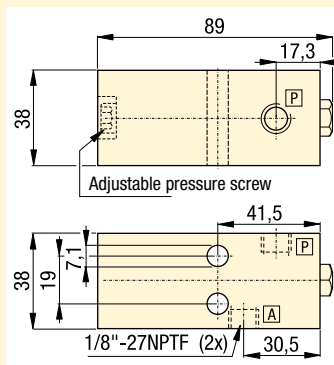
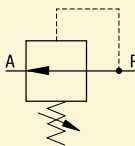
■ V-17 Safety check valve installed on a fixture.



PLV-40013B

Pressure limiting valve

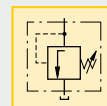
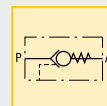
- Allows precise control of pressures reaching specific clamps
- When pressure build-up reaches a preset level, the valve closes, stabilizing pressure to that section of the fixture
- Pressure adjustment between 14-103 bar
- Max. oil flow 5 l/min.



Pressure: 0 - 700 bar

Flow: 5 - 30 l/min max.

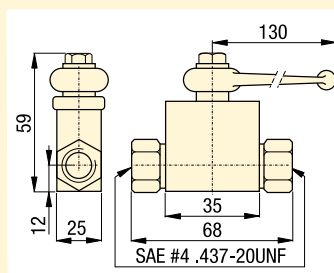
- E** Válvulas de control
- F** Valves de contrôle
- D** Regelventile



V-12

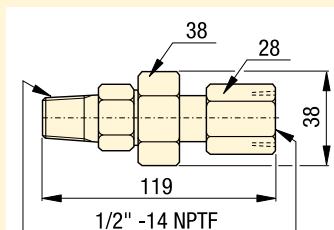
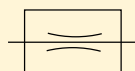
Manual shut-off valve

- Ball type valve can be used for the master system shut-off or for isolating separate circuits on a fixture
- Viton seals standard
- Straight through design for easy system plumbing and installation
- Fully open allows high flow return of oil
- Max. oil flow 12 l/min.



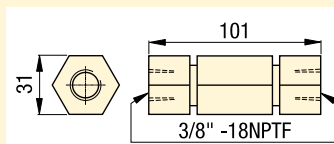
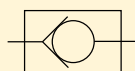
V-10 Auto-damper valve

- To protect gauge during high cycle applications
- Creates a flow resistance when load is released suddenly
- No adjustments are necessary
- Fits directly into GA-series gauge adaptor.



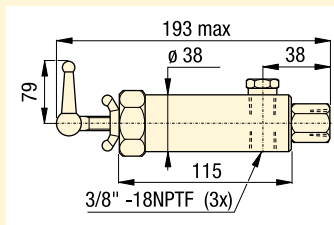
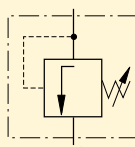
V-17 Safety check valve

- Ruggedly built to resist shock and operate with low pressure drop
- Closes smoothly without pounding
- Max. oil flow 30 l/min.



V-152 Pressure relief valve

- Limits pressure developed by the pump in hydraulic circuit, thus limiting the force imposed on other components
- 55-700 bar adjustment range; $\pm 3\%$ repeatability
- Valve opens whenever preset pressure is reached. To increase pressure setting, turn handle clockwise
- Max. oil flow 30 l/min
- Includes 1 meter return line hose kit.



Options

VA-42 Air valve

158 ▶



Gauges and adaptors

190 ▶



Hoses and couplers

192 ▶



Fittings

194 ▶



Important

Valving help
See Basic System Set-up
and Valve information in our
"Yellow Pages".

197 ▶