

Pump Controls



Some of the most important contributions to pump performance and safety are made by components you hardly ever notice. NLB pump controls can keep your unit operating reliably, year after year. They have earned a reputation for precision, durability and — wherever possible — ease of replacement.

In this section of the catalog you'll find **by-pass valves** and **pulsation dampeners** to regulate and

cushion the flow of high-pressure water, **gauges** to monitor operating pressure, and **snubbers** to enhance gauge accuracy.

Rupture disc assemblies relieve pressure in the event of a spike, while **shut-off valves** quickly close line flow. We also offer engine **throttle controls**, **filters** to keep pumps free of dirt, and **system valves** for remote control of water flow.

EASY ON, EASY OFF

NLB by-pass valves let you adjust the pressure on your pump unit with a simple turn of the T-bar handle... much like opening and closing a faucet. They are hydraulically

cushioned for smooth pressure adjustment, and field repairable. Models are available to handle all common operating pressures.

The housing and all major

components are precision machined of rugged stainless steel. We also offer simple conversion kits that allow older pump units to accept newer by-pass valves.

By-Pass Valves



BV10-400

The advantages of NLB by-pass valves can be retrofitted to older NLB pump units. Our convenient conversion kits include everything you need.

By-Pass Valve	Conversion Kit
BV10-400	DM11267
BV10-650	DM12744
BV20-260	DM12699
BV24-350	N/A
BV40-010	N/A

Max. Pressure	Flow	Inlet Connection	Outlet Connection	Rebuild Kit
BV10-400				
10,000 psi (700 bar)	2-40 gpm (8-151 lpm)	1" NPT	1/2" NPT	BV11316
BV10-650				
10,000 psi (700 bar)	35-65 gpm (133-246 lpm)	1" NPT	1" NPT	BV12635
BV20-260				
20,000 psi (1,400 bar)	2-26 gpm (8-100 lpm)	1" MP	1/2" NPT	BV11317
BV24-350				
24,000 psi (1,680 bar)	2-35 gpm (8-132 lpm)	1" MP	1/2" NPT	BV18102
BV40-010				
40,000 psi (2,800 bar)	10 gpm (38 lpm)	1-1/8"-12 HPM	1/2" NPT	BV2180
BV36-115				
40,000 psi (2,800 bar)	15 gpm (57 lpm)	1-1/8"-12 HPM	1/2" NPT	BV2180