

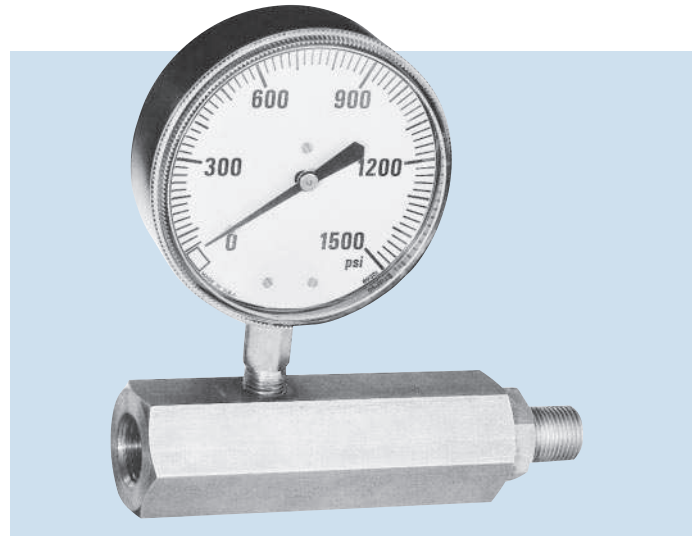
SPECIALTY VALVES

GAUGE SAVER

For hydraulic service only.

Protects against over-pressurization of sensitive gauges, switches, other instruments and circuits. Automatically closes when pressure exceeds pre-set level; automatically opens when circuit pressure drops below setting. For hydraulic systems. Weight: Stainless Steel, 2.5 lbs. (1.15 kg). Length: 6-1/8 inches, (15.6 cm).

Standard seals are nitrile; optional seals: Neoprene, Viton and EPR.



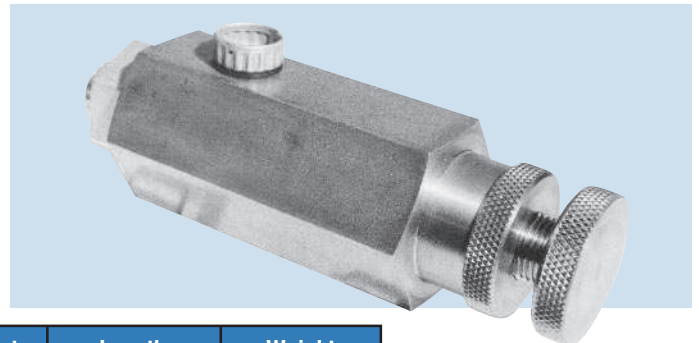
Maximum Inlet Pressures
75318 through 75323 - 10000 psi

Gauge Saver Part No.	Adjustable Operating Range-psi	Body Material	Inlet Port Thread	Outlet Port Thread
75318-61	10-80	Stainless Steel	1/2 NPT	1/4 NPT
75319-61	80-300	Stainless Steel	1/2 NPT	1/4 NPT
75321-61	300-1500	Stainless Steel	1/2 NPT	1/4 NPT
75322-61	1500-2500	Stainless Steel	1/2 NPT	1/4 NPT
75323-61	2500-5000	Stainless Steel	1/2 NPT	1/4 NPT

HIGH PRESSURE SAFETY RELIEF VALVE

For hydraulic service only.

Designed to operate at high pressures. Suitable for line or panel mounting. Infinitely adjustable within pressure range. Body material (1-5/8 in. hex): stainless steel. Standard seals are nitrile; optional seals: Neoprene, Viton and EPR.



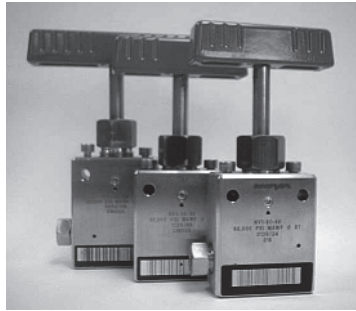
Part No.	Adjustable Range-psi	Mounting Method	Inlet Port	Outlet Port	Length		Weight	
					inch	cm	lbs.	kg
005-023C-11	10M-20M	Line	9/16-18 NBS	1/4 NPT	5-3/8	13.6	2-3/4	1.2
005-023C-31	0-4000	Line	1/4 NPT	1/4 NPT	5-3/8	13.6	2-3/4	1.2
005-023C-51	4000-10M	Line	1/4 NPT	1/4 NPT	5-3/8	13.6	2-3/4	1.2
005-023C-21	0-4000	Panel	1/4 NPT	1/4 NPT	5-3/8	13.6	2-1/2	1.2
005-023C-41	4000-10M	Panel	1/4 NPT	1/4 NPT	5-3/8	13.6	2-1/2	1.2
005-023C-61	10M-20M	Panel	9/16-18 NBS	1/4 NPT	5-3/8	13.6	2-1/2	1.2
78051-11	0-1000	Panel/Line	3/8 NPT	3/8 NPT	5-1/2	14.0	2-3/4	1.2
78051-21	5000-10M	Panel/Line	3/8 NPT	3/8 NPT	5-1/2	14.0	2-3/4	1.2
78051-31	500-5000	Panel/Line	3/8 NPT	3/8 NPT	5-1/2	14.0	2-3/4	1.2

SPECIALTY VALVES

GENERAL PURPOSE VALVES

These general purpose valves are suitable for the smooth, accurate metering or positive shutoff of air, oil, water, chemicals, vacuum, steam or liquid fuels at high or varied temperatures.

The valves can be mounted in any position or installed in-line or panel-mounted.

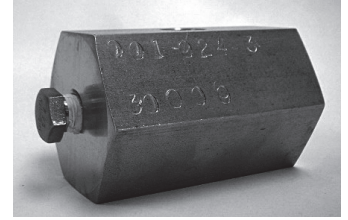


NVI-30-4H

Part No.	Operating Pressure	Type & Material	Ports	Weight	
				Lbs.	Kg
89442	10000 psi	Needle, Stain. Stl.	1/4 NPT Female	1/2	0.23
NVI-30-4H	30000 psi	Needle, Stain. Stl.	9/16-18 NBS Female	1	0.45
89443	400 psi	Ball, Brass	3/8 NPT Female	1/2	0.23

RESTRICTOR VALVE

An adjustable, flow-restricting valve for use in high pressure hydraulic fluid or water systems which are subject to sudden pressure drops. The valve is installed on the discharge side of the pump. It prevents damage to system parts in the event of a sudden drop in pressure such as occurs in hydrostatic burst testing. The valve also can be used as a snubber valve to reduce system pressure pulsations.

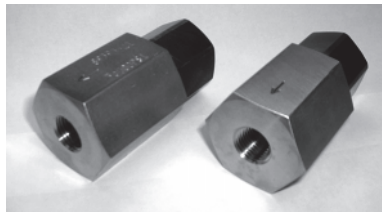


Components are stainless steel. Weight: 2 lbs. (0.91 kg).

Part. No.	Operating Pressure	Ports	Size
001-024-1	30000 psi	9/16-18 NBS In & Out	1-3/4 in. Hex x 3-1/4 in.
001-024-2	10000 psi	3/8 NPT	1-3/4 in. Hex x 3-1/4 in.

CHECK VALVES

Have soft-seat poppet type design, same type as used in Sprague Products S-216-J-() series pumps. Components are stainless steel. Standard seals are nitrile; optional: Neoprene, Viton and EPR. Weight: 1-1/4 lbs. (0.57 kg).



Part No.	Maximum Pressure	Ports	Size
88714-31	10000 psi	3/8 NPT	1-3/8 in. Hex x 2-3/4 in. 0.35 cm Hex x 7.0 cm
89393-21	30000 psi	9/16-18 NBS	1-5/8 in. Hex x 2-3/4 in. 4.1 cm Hex x 7.0 cm

*Flow coefficient.