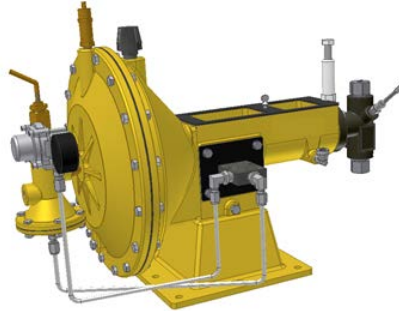


The BR5000 Chemical Injector Pump is a single acting, positive displacement plunger type pump. Pump operation is powered with air/gas pressure (50 psig-max.) acting onto a diaphragm resulting in plunger displacement. When full stroke (1¼" inch) is reached the internal switching system (standard supply - Micro Switch, Pilot Valve - optional) shuts off the supply gas and vents the diaphragm chamber. The diaphragm is equipped with a spring return allowing plunger retraction. The pump is capable of handling volume output to 475 gallons per day and discharge pressures up to 12000 psig. It is designed for ease of operation and maintenance under varied pumping applications at the field level. Conversion for handling of various chemicals is easily accomplished by the change out of the packing set and fluid end seals.



TECHNICAL SPECIFICATIONS

◆ Air or Gas Driven		
◆ Volume (maximum)		475 Imp. Gallons per Day (cont. service) 595 Imp. Gallons per Day (int. service)
◆ Number of Heads		Single or Double Head
◆ Pressure	Std.	3000 psig (std. packing)
	Max.	12000 psig (hard packing)
◆ Operating Air or Gas Pressure	Max.	50 psig
◆ Available Plunger Sizes	Std.	1/4", 3/8", 1/2", 3/4", 1", 1 1/4"
◆ Stroke Length	Min.	1/2"
	Max.	1 1/4"
◆ Gas Switching System	Std.	Micro Switch
	Opt.	Pilot Valve - Rotary
◆ Materials		
◆ Pressure Head Body	Std.	Ductile Iron
	Opt.	Consult factory for SS head option
◆ Internal Wetted Components	Std.	Stainless Steel
◆ Packing - V Style	Std.	Buna
	Opt.	Buna-Hard, Viton, Teflon, Fluorosilicone
◆ Seals - O-Rings	Std.	Fluorosilicone
	Opt.	Buna, Viton, Teflon, Metal-to-Metal
◆ Diaphragm	Std.	Buna w / Nylon reinforcement (2 per unit)

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