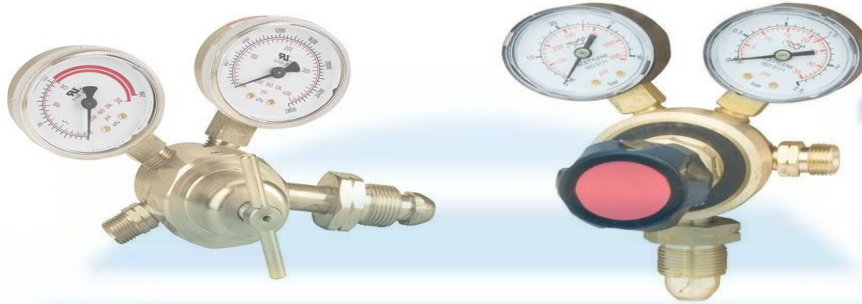




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Gas Regulators



Gas Regulators; A Gas Regulator is a device for regulating a generally variable inlet pressure to an as constant as possible outlet pressure. A Gas regulator is simply a kind of valve designed to regulate and stabilize system pressure downstream of its placement. The gas cylinder content is consumed stepwise during the operation and thus the pressure upstream of regulator varies from full cylinder pressure to values close to zero. The task of the pressure regulator is to cope with such variation and maintain outlet parameters as stable as possible.

A. Gas Regulators (LPG); These are Single Stage Double-Gauge LPG Regulator having Inlet Pressure are 0-25 bar and Outlet Pressure 0-2.5, 0-1.5 bar & 0-1 bar. The Inlet Connection required is 1NT-31 21.8 x 1.814(L/H)F (for 0.25 & 1.5 bar Outlet Pressure and for 0-1 bar Outlet Pressure, fit directly LPG Cylinder Valve) and Outlet Connection is 3/8"BSP(L/H)M for all. The flow rates of these Regulators are 6m³/h(100lit/min), 2.5m³/h(40lit/min) and 70m³/h(1200lit/min). They are ISI Approved and conforms to the Standards IS 6901:2009.

Specifications		
Type	Single Stage Regulator (LPG)	
Pressure	Inlet	Outlet
	0-25 bar	0-2.5 bar
	0-25 bar	0-1.5 bar
Connection	Inlet	Outlet
	1NT-31 21.8 x 1.814(L/H)F	3/8"BSP(L/H)M
	To fit directly industrial LPG cylinder valve Outlet	3/8"BSP(L/H)M
Flow	Flow- 6m ³ /h(100lit/min)	
	Flow- 2.5m ³ /h(40lit/min)	
	Flow- 70m ³ /h(1200lit/min)	
Use	For Cutting & Heating purpose	
Standards	ISI approved. IS 6901:2009	





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B. DA Regulators (Acetylene); These are Single & Double Stage Acetylene Gas Pressure Regulators available in Double-Gauge and they have the maximum Inlet Pressure 0-25 bar and Outlet Pressure 0-0.8 bar (Single Stage) & 0-1.5 Bar (Double Stage). The Inlet Connection required is 5/8"BSP(L/H)M and Outlet Connection: 3/8"BSP(L/H)M. These have the Flow rates are $3\text{m}\ddot{\text{A}}^3/\text{h}$ (45lit/min) of Single Stage Regulators and $3\text{m}\ddot{\text{A}}^3/\text{h}$ (50lit/min) of Double Stage Regulators. The Single Stage Regulators are used for low thickness Welding purpose and Doubles Stage Regulators for Welding & Cutting, purpose. They conforms the ISI Standards.

a). Single Stage DA Regulator	
Type	Single Stage Regulator
Pressure	Inlet Pressure 0-25 bar
	Outlet Pressure 0-0.8 bar
Connection	Inlet Connection:5/8"BSP(L/H)M
	Outlet Connection: 3/8"BSP(L/H)M
Flow Rate	Flow- $3\text{m}\ddot{\text{A}}^3/\text{h}$ (45lit/min)
Usage	For Low thickness Welding purpose
Standards	ISI approved. IS 6901:2009



b). Double Stage DA Regulator	
Type	Double Stage Regulator
Pressure	Inlet Pressure 0-25 bar
	Outlet Pressure 0-1.5 bar
Connection	Inlet Connection:5/8"BSP(L/H)M
	Outlet Connection: 3/8"BSP(L/H)M
Flow Rate	Flow- $3\text{m}\ddot{\text{A}}^3/\text{h}$ (50lit/min)
Usage	For Welding, Cutting, Heating & Brazing purpose
Standards	ISI approved. IS 6901:2009



C. Gas Regulators (Argon); These are Double Stage Double Gauge Argon Gas Pressure Regulators having Inlet Pressure 0-300 bar and Outlet Pressure 0-10 bar. The Inlet Connection is 3/4"BSP(R/H) F & Outlet Connection 3/8"BSP(R/H)M. These have the Flow rates $60\text{m}\ddot{\text{A}}^3/\text{h}$ (1000lit/min). They are used for Mig & Tig Welding purpose and conforms to the Standards IS 6901:2009.

Specifications	
Type	Double Stage Regulator
Pressure	Inlet Pressure 0-300 bar
	Outlet Pressure 0-10 bar
Connection	Inlet Connection : 3/4"BSP(R/H) F
	Outlet Connection: 3/8"BSP(R/H)M
Flow Rate	Flow- $60\text{m}\ddot{\text{A}}^3/\text{h}$ (1000lit/min)
Usage	For Mig & Tig Welding purpose
Standards	ISI approved. IS 6901:2009





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D. Gas Regulators (CO₂); These are Double Stage Double Gauge CO₂ Gas Pressure Regulators having Inlet Pressure 0-200 bar and Outlet Pressure 0-10 bar. The Inlet Connection is EXT.W 21.8x 1.814(R/H)F & Outlet Connection 3/8"BSP(R/H)M. These have the Flow rates are 8m/h(130lit/min) & 10m/h (150lit/min). They are used for For Mig & Tig Welding purpose and conforms to the Standards IS 6901:2009.

Specifications	
Type	Double Stage Regulator (CO ₂)
Pressure	Inlet Pressure 0-200 bar
	Outlet Pressure 0-10 bar
Connection	Inlet Connection : EXT.W 21.8x 1.814(R/H)F
	Outlet Connection: 3/8"BSP(R/H)M
Flow Rate	8m/h(130lit/min) & 10m/h(150lit/min)
Usage	For Mig & Tig Welding purpose
Standards	ISI approved. IS 6901:2009



KRISTAN

