

SERIES S 220 | SINGLE STAGE HP REGULATOR

- Diaphragm single stage
- Purity up to 6.0
- Inlet pressure:
200 bar (2900 psi)
- Outlet pressure:
3/15/25/50 bar
44/218/360/725 psi

- ★ 1 Inlet / 1 outlet
- ★ Rear thread for panel mounting
- ★ O₂ application compatible (with inlet pressure max 30 bar)
- ★ Inlet/outlet pressure gauges

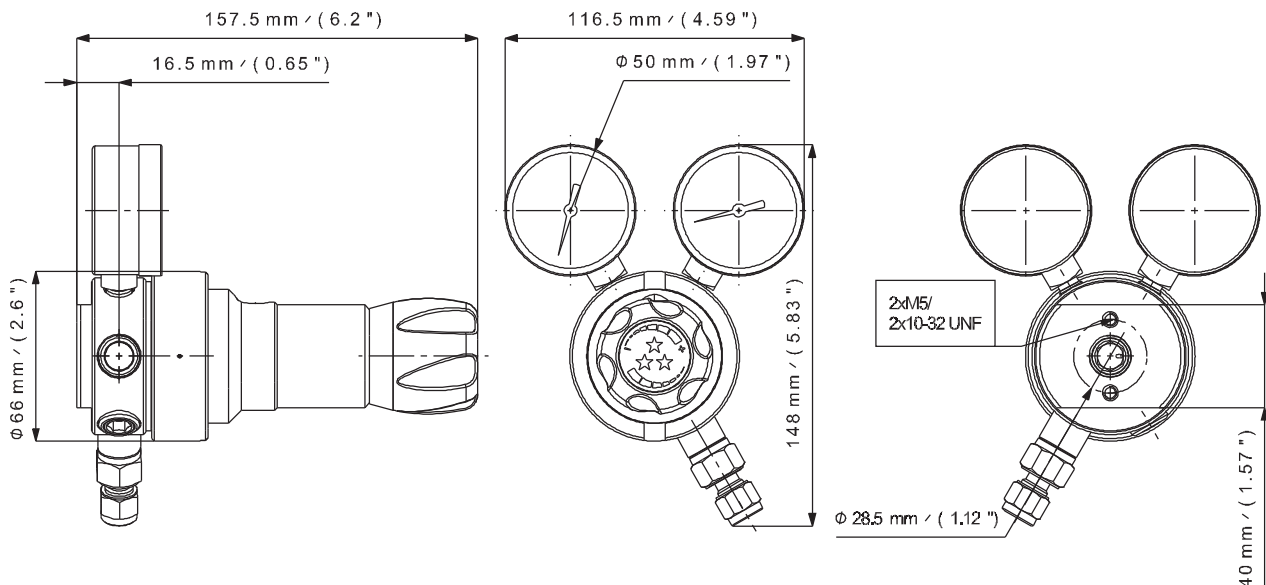
Special requirements on request

APPLICATIONS

- Designed for cylinder regulator applications.
- Ideally suited for corrosive gases in ultra high purity applications and for fundamental research laboratories.
- Suitable for corrosive liquid gases.

KEY FEATURES

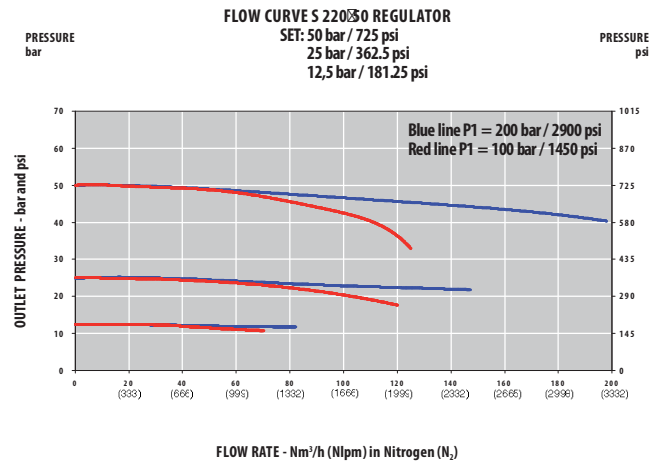
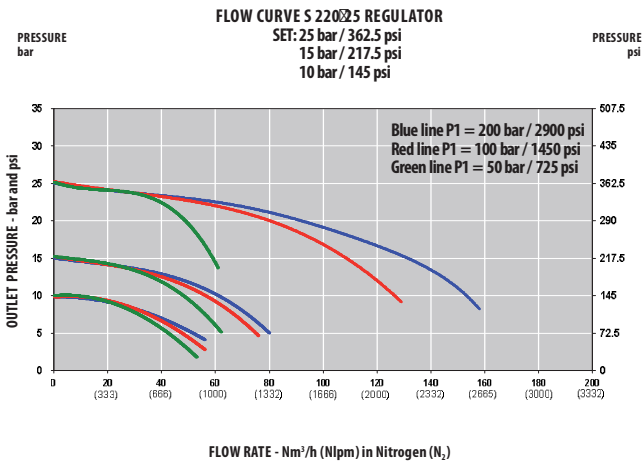
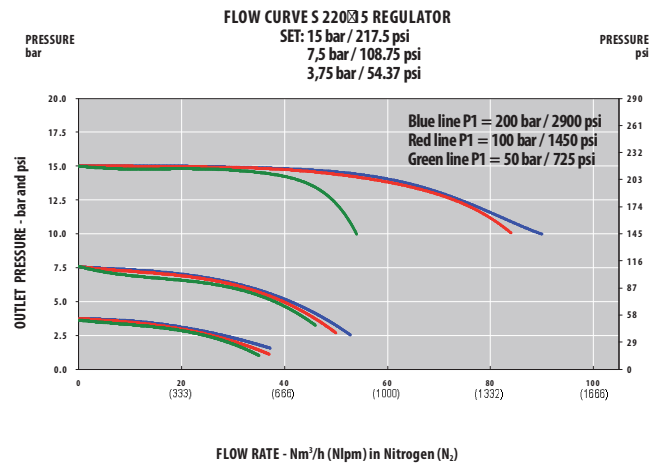
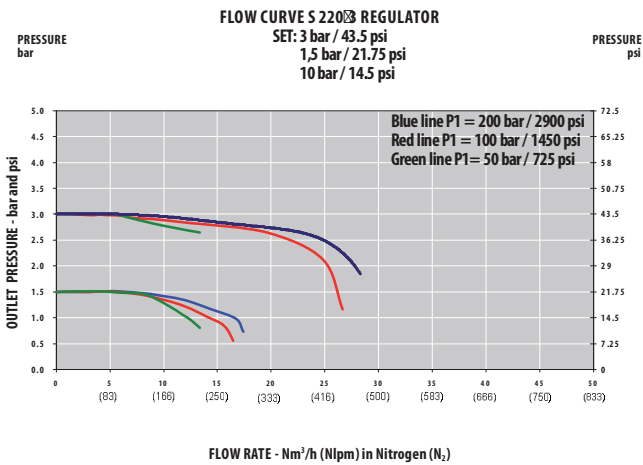
- No contamination risk due to its threadless and springless design.
- Low dead volume, which guarantees a good purge of the regulator.
- Ergonomic handwheel for exceptional control.
- Panel mounting possible due the rear threads.
- Can also be equipped with a shut off or needle valve at the outlet.



SPECIFICATIONS

Female ports	16 x 1.336 (inlet) - G (outlet) or NPT (inlet/outlet)	Weight	2,0 kg 4,4 lbs	Inlet pressure	200 bar 2900 psi
Seat seal	PCTFE	Leak rate	3.10 ⁻⁹ mbar/s He	Outlet pressure	3/15/25/50 bar 44/218/360/725 psi
O-ring	FPM - Standard EPDM NBR	Temperature range	- 20°C to 60°C - 4°F to 140°F	Nominal Flow	5/25/50/50 Nm ³ /h (N ₂)
Diaphragm	Hastelloy®	Gauges	High and low pressure (M10 x 1 or NPT)	Oxygen use	OK with inlet pressure (30 bar max)

FLOW CURVES



PRODUCT CONFIGURATOR

Body Material		Outlet Pressure	End Connections	O-ring Materials (safety relief valve)	Gauges	Ports Configuration
S	I	220	15	N	1	A
	Stainless steel		3 bar 44 psi	16 x 1.336 - G	Without	Standard
			15 bar 218 psi	NPT - NPT	With	Reverse Inlet/outlet
			25 bar 360 psi			
			50 bar 725 psi			

Only available for NPT version