BOISWOOD
GAS AND LIQUID CONTROL TECHNOLOGIES
Pressure & Vacuum
Flow
Level & Temperature
Tube & Fittings
HVACR
Custom Services

SERIES D 230 | DUAL STAGE HP REGULATOR

- Piston/bellow dual stage
- Purity up to 6.0
- Inlet pressure:
  200 bar (2900 psi)
- Outlet pressure:
  1/3/10 bar
  14.5/44/145psi

★ Compact and light-weight design
★ 1 inlet / 2 outlets
★ O_2 application compatible (brass only)
★ Inlet/outlet pressure gauges
★ 1 relief valve

Special requirements on request

To be connected with cylinder connectors

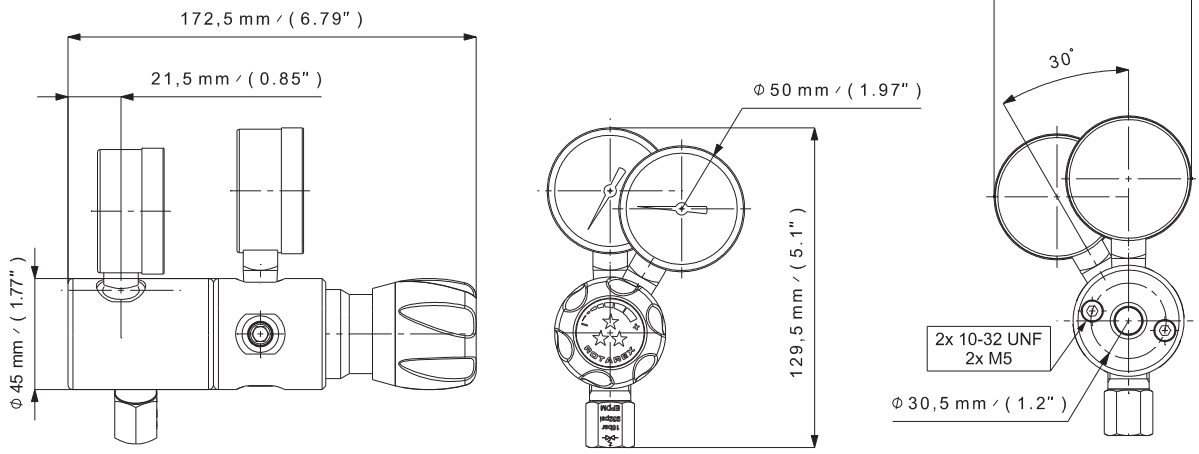
Refer to page 90

APPLICATIONS

- Designed for cylinder regulator applications.
- Ideally suited for pure, inert and mildly corrosive gas applications requiring a very stable outlet pressure together with a very sensitive set up of this outlet pressure.

KEY FEATURES

- The D 230 regulator is based on the S 20 proven bellow technology.
- Accurate pressure control for reliable service and guarantees a stable outlet pressure due to the combination of the piston and bellow technology.
- Compact and lightweight design.
- Fixed outlet pressure version available.



ALL RIGHTS OF CHANGE RESERVED

SPECIFICATIONS

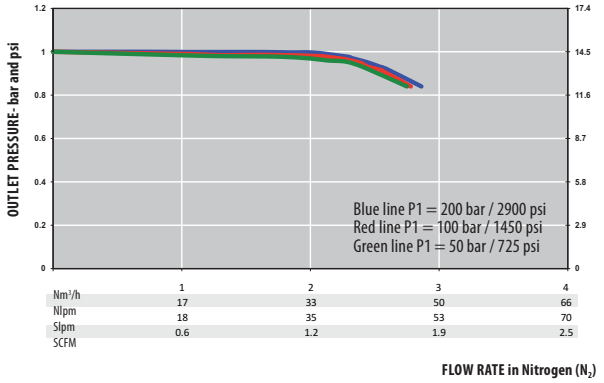
Female ports	16 x 1.336 (inlet) - G ⅜ (outlet) or ¼ NPT (inlet/outlet)
Seat seal	PTFE
O-ring	EPDM - Standard FPM
Piston	Brass (Brass version) AISI 316L (SS version)
Below	Bronze or AISI 316L (SS version)

Weight	± 1,6 kg ± 3.5 lbs
Leak rate	10^{-8} mbar ℓ/s He
Temperature range	- 20°C to + 60°C - 4°F to + 140°F
Gauges	High and low pressure (M10 x 1 or ¼ NPT)

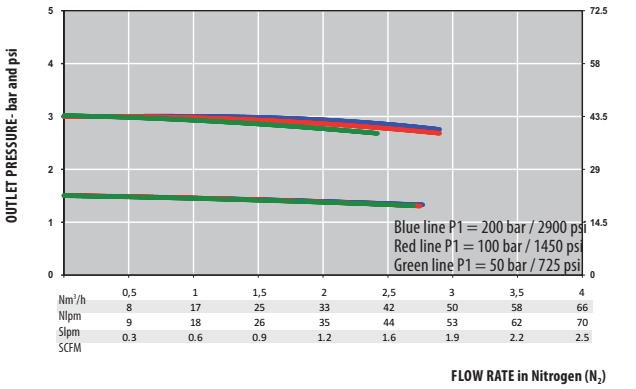
Inlet pressure	200 bar 2900 psi
Outlet pressure	1/3/10 bar 14.5/44/145 psi
Nominal Flow	2/2,5/3,5 Nm^3/h (N_2)
Oxygen use	Brass only

FLOW CURVES

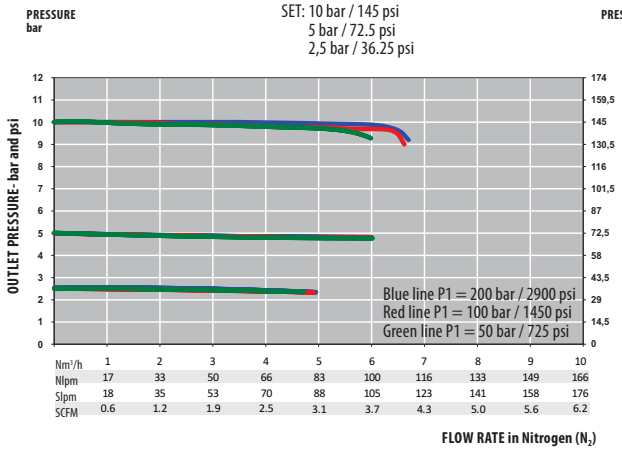
FLOW CURVE D 230-1 REGULATOR
SET: 1 bar / 14.5 psi



FLOW CURVE D 230-3 REGULATOR
SET: 3 bar / 43,5 psi
1,5 bar / 21.75 psi



FLOW CURVE D 230-10 REGULATOR
SET: 10 bar / 145 psi
5 bar / 72.5 psi
2,5 bar / 36.25 psi



PRODUCT CONFIGURATOR

	Body Material			Outlet Pressure		End Connections		O-ring Material	Gauges		Handwheel	
D	L		230	10		N		EPDM	1		H	
	Chrome plated brass	L		1 bar 14.5 psi	1	In: 16 x 1.336 Out: G ⅜	16	EPDM - Standard	With	1	With - standard	H
	Stainless steel	I		3 bar 44 psi	3	¼ NPT	N	FPM				
				10 bar 145 psi	10							

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