

## SERIES S 20-0.1 | LINE REGULATOR

- Diaphragm single stage
- Purity up to 6.0
- Inlet pressure:  
50 bar (725 psi)
- Outlet pressure:  
0,01 - 0,1 bar  
0.14 - 1.45 psi

- ★ Very low outlet pressure
- ★ 2 inlets / 2 outlet
- ★ Rear inlet
- ★ Rear threads for panel mounting
- ★ High accuracy due to large diaphragm
- ★ O<sub>2</sub> application compatible (see technical data)

Special requirements on request



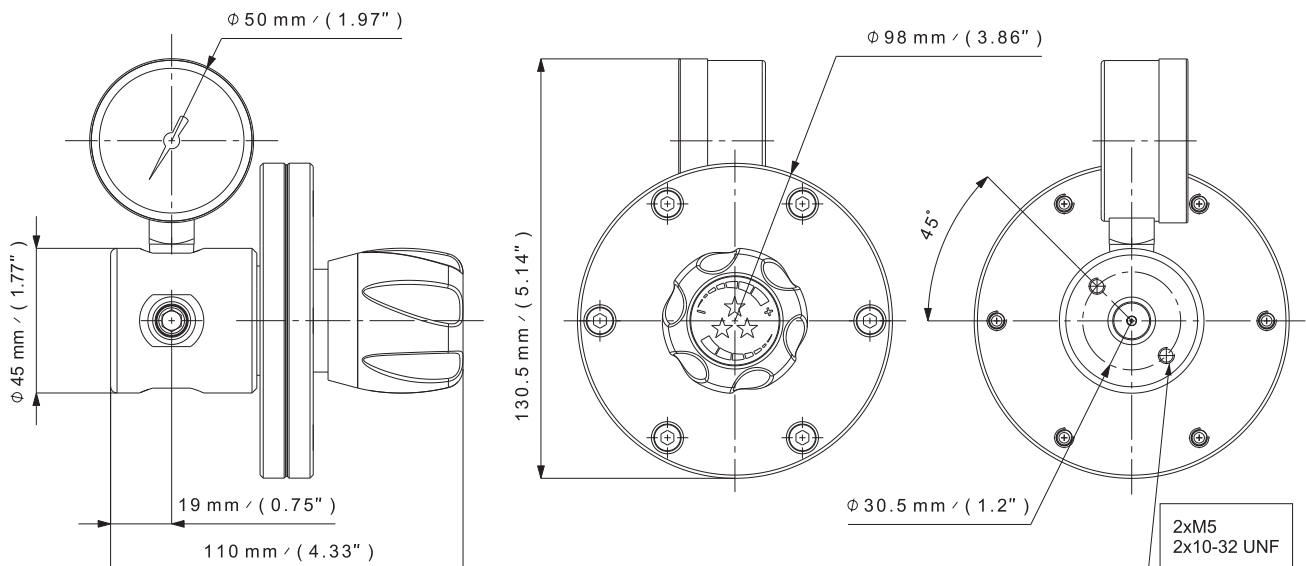
Rear inlet view

### APPLICATIONS

- The Series S 20-0.1 is used as a line regulator for lab applications requiring a low outlet pressure less than 10 mbar (1.45 psi).

### KEY FEATURES

- With the rear threads, it can be used for wall mounting.

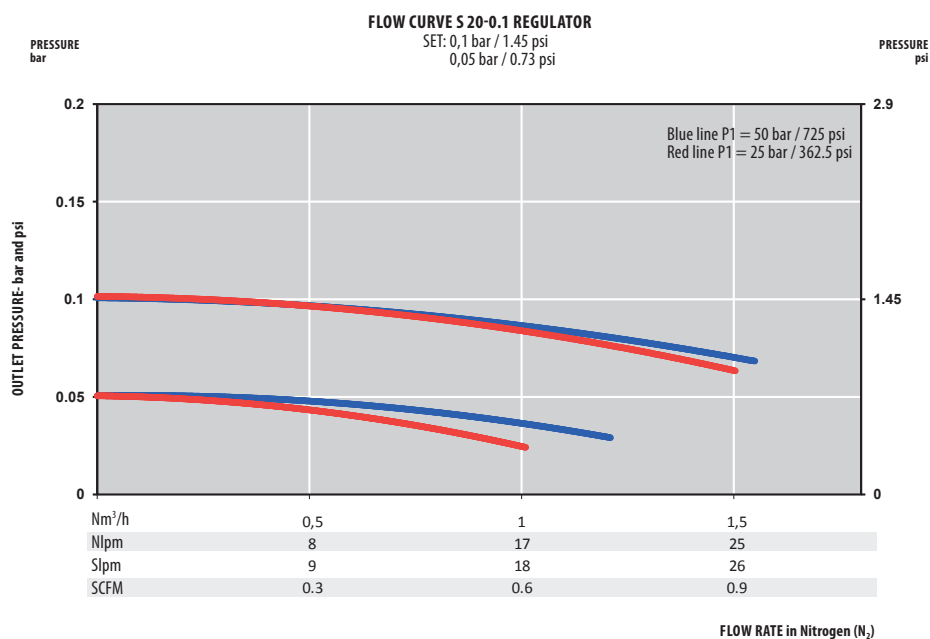


## LOW-PRESSURE REGULATORS

### SPECIFICATIONS

<b>Female ports</b>	G 3/8 or 1/4 NPT (inlet/outlet)	<b>Weight</b>	± 0,6 kg ± 1.32 lbs	<b>Inlet pressure</b>	50 bar 725 psi
<b>Seat seal</b>	EPDM	<b>Leak rate</b>	10 <sup>-8</sup> mbar ℓ/s He	<b>Outlet pressure</b>	0,01 - 0,1 bar 0.14 - 1.45 psi
<b>O-ring</b>	EPDM - Standard NBR FPM	<b>Temperature range</b>	- 20°C to + 60°C - 4°F to + 140°F	<b>Nominal Flow</b>	0,5 Nm <sup>3</sup> /h (N <sub>2</sub> )
<b>Diaphragm</b>	AISI 304	<b>Gauges</b>	Low pressure (M10 x 1 or 1/4 NPT)	<b>Oxygen use</b>	inlet pressure ≤ 30 bar max. for brass and stainless steel

### FLOW CURVES



### PRODUCT CONFIGURATOR

Body Material				End Connections		O-ring Material	Gauges		Ports Configuration	
S	L			20	0.1	G	EPDM	1	A	
	Chrome plated brass	L				G 3/8 - G 3/8	G	EPDM - Standard	Without	0
	Stainless steel	I				1/4 NPT - 1/4 NPT	N	NBR	With	1
								FPM		



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