

MODEL 801

SINGLE-STAGE CYLINDER REGULATOR



Model shown:
801-1,5-AC

KEY FEATURES

- Maximum inlet pressure of 230 bar
- Enough flow to cut up to 300 mm steel
- Smooth adjustment, with high precision
- One-piece encapsulated seat design with internal filter and PTFE (Teflon®*) seat
- Side inlet connection
- Standard version with chrome-plated bonnet and gold painted gauge case
- "B" version fitted with black bonnet and black gauge case
- 7 year warranty

Applications »

- Medium duty use
- Cutting
- Welding
- Brazing



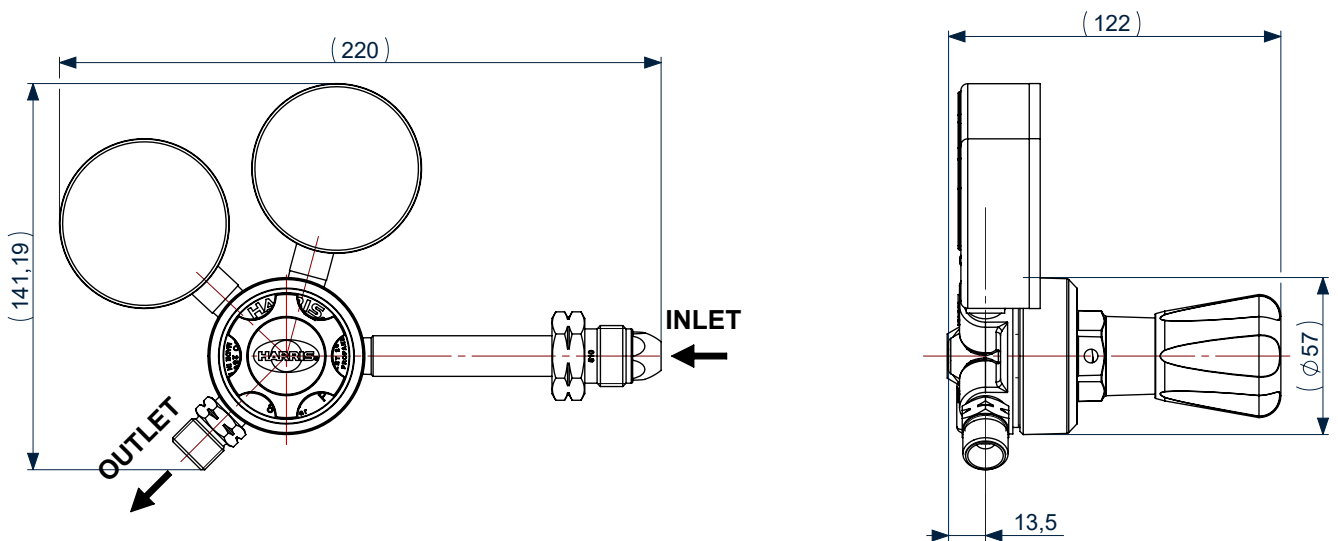
TECHNICAL DATA

Standard	ISO 2503
Gauges	63 mm
Maximum Inlet Pressure [bar]	230
Maximum Delivery Pressure [bar]	10

MATERIALS

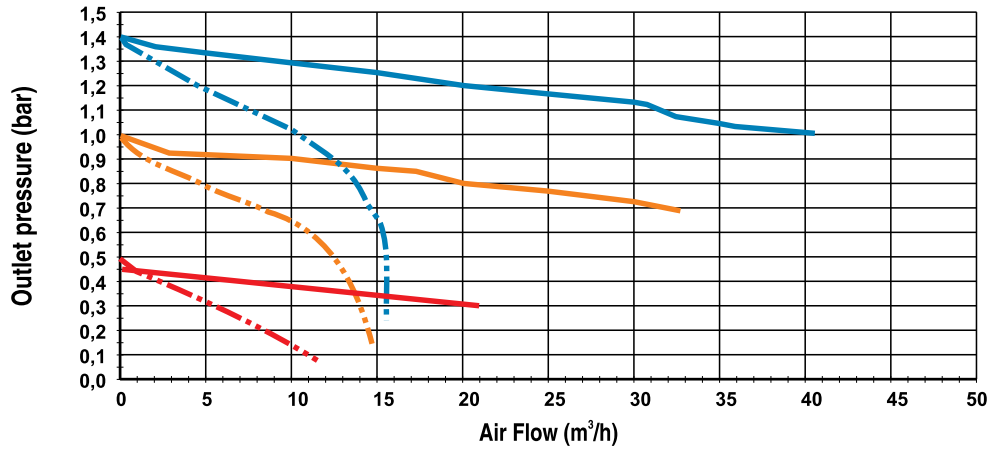
Body	Brass
Bonnet	Zinc-Aluminium Alloy
Diaphragm (regulator)	Neoprene rubber
Nozzle	Brass
Seals	NBR / Viton
Filter	Electroless nickel plated bronze
Adjusting Knob	ABS plastic

TECHNICAL DRAWINGS



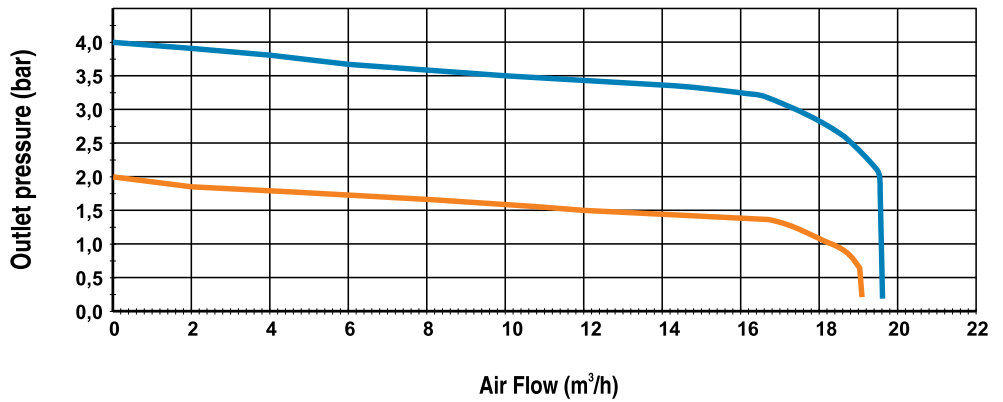
**REGULATOR
FLOW
CURVE
801 1,5 bar AC**

— Inlet pressure
25 bar steady
- - - Inlet pressure
5 bar steady



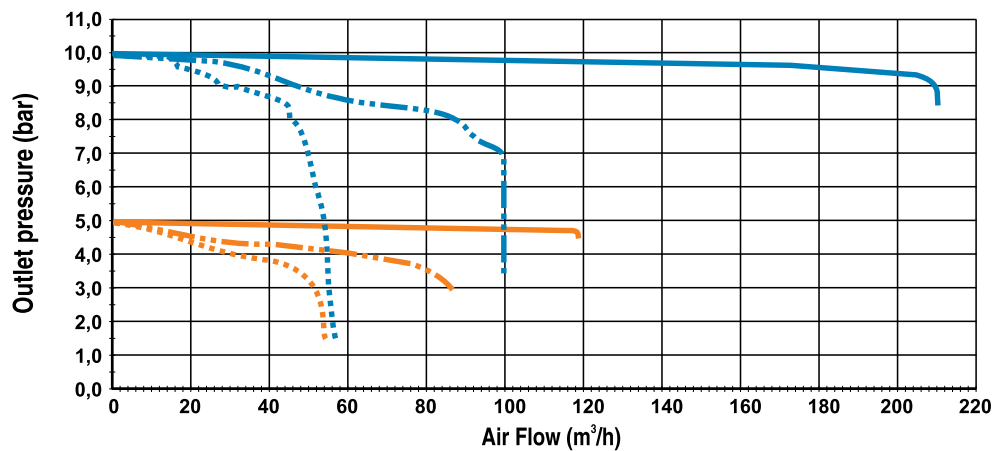
**REGULATOR
FLOW
CURVE
801 4 bar LPG**

— Inlet pressure
7 bar steady



**REGULATOR
FLOW
CURVE
801 10 bar**

— Inlet pressure
200 bar steady
- - - Inlet pressure
50 bar steady
· · · Inlet pressure
25 bar steady



PRODUCT CONFIGURATION

REG, 801

TYPE CODE (Only if non-standard)	
-	Horizontal entry (standard)
V	Placed in Kit
E	Vertical entry
A	Anti vibrator (lightweight gases)
D	IRV Diaphragm safety relief valve
R	External safety relief valve
S	Stainless steel diaphragm
B	Black-painted gauges
P	Without HP gauge
N	1/4" NPT gauge (std is 1/4" G)
G	Inlet connection 3/8"
W	Outlet valve (when not standard)
T	With lock "T" screw
X	With inlet stem valve "SNAP SAFE"

DELIVERY PRESSURE	
1,5	1,5 bar
4	4 bar
10	10 bar

CALIBRATION	
-	Pressure gauges calibrated bar or kPa
L	Flow gauge or indicator calibrated (lpm)
F	Flowmeter (lpm)
LK	Flow gauge or indicator in (lpm), Pressure gauge in kPa
FK	Flowmeter in (lpm), Pressure gauge in kPa

GAS	
OX	Oxygen
AC	Acetylene
AIR	Air
AR	Argon
CD	Carbon Dioxide
N	Nitrogen
H	Hydrogen
LP	Propane
HE	Helium

PROGRESSIVE NUMBER PERSONALIZES	
xxx	

When placing an order, use the code generated according to the table.

REG,801 B 10 - OX 1701

NOTES

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