

# 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



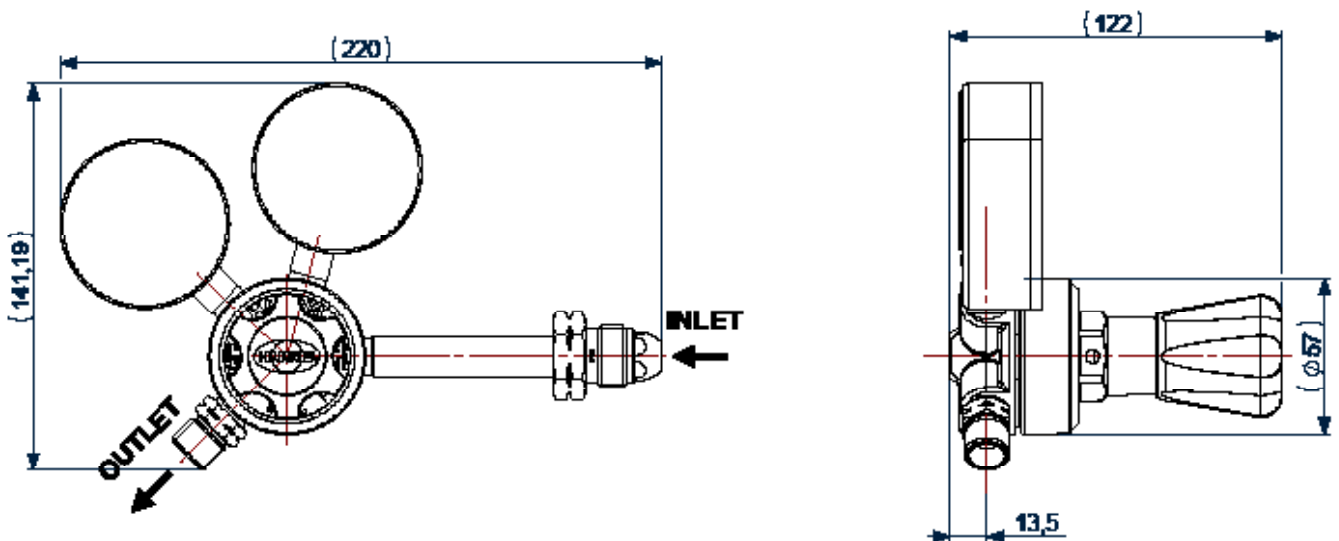
## TECHNICAL DATA

Standard	ISO 2503
Gauges	63 mm
Maximum Inlet Pressure (bar)	230
Maximum Delivery Pressure (bar)	10

## MATERIALS

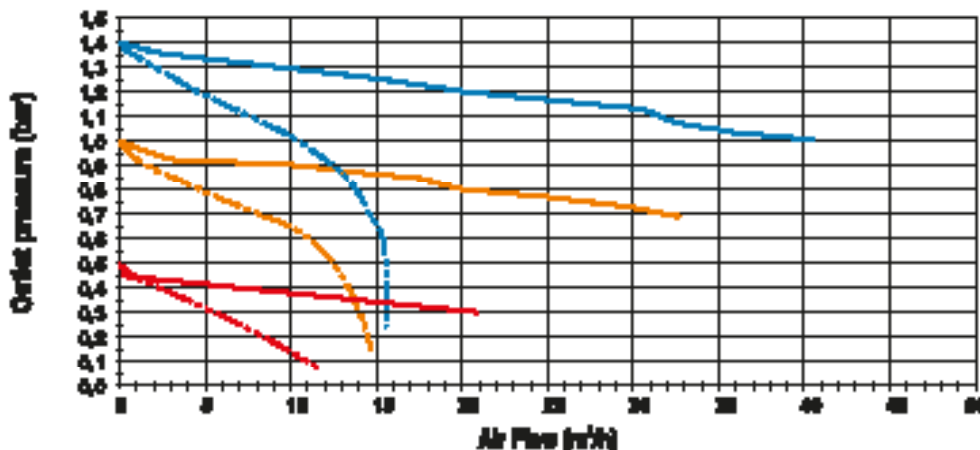
Body	Brass
Bonnet	Zinc-Aluminium Alloy
Diaphragm (regulator)	Neoprene rubber
Nozzle	Brass
Seals	NBR / Viton
Filter	Electroless nickel plated bronze
Adjusting Knob	ABS plastic

## TECHNICAL DRAWINGS



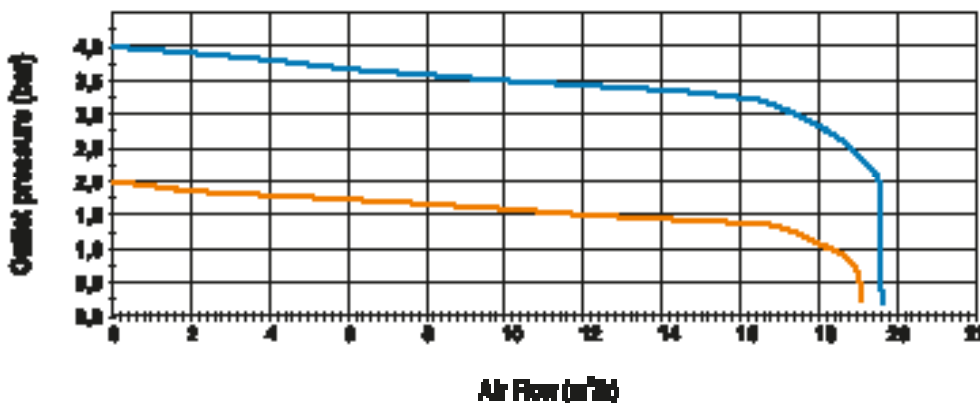
**REGULATOR  
FLOW  
CURVE  
801 1,5 bar AC**

- Inlet pressure 10 bar steady
- Inlet pressure 10 bar steady
- - - Inlet pressure 8 bar steady



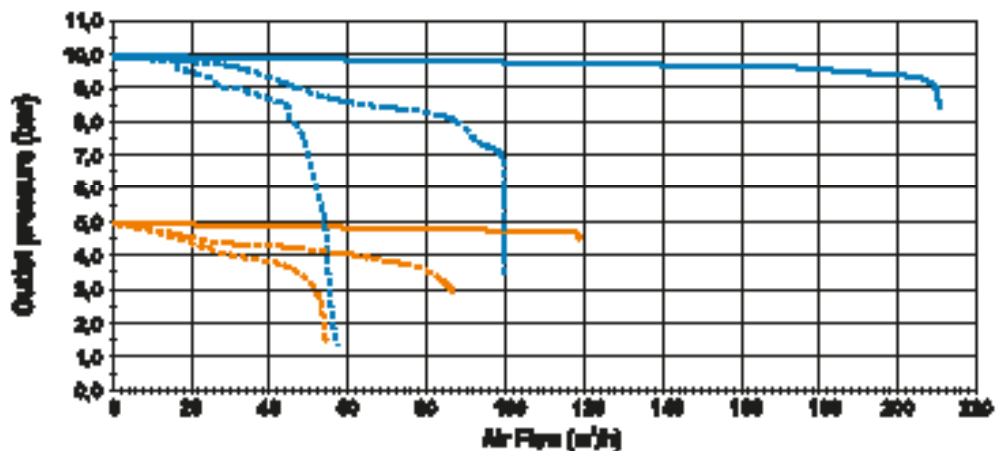
**REGULATOR  
FLOW  
CURVE  
801 4 bar LPG**

- Inlet pressure 7 bar steady



**REGULATOR  
FLOW  
CURVE  
801 10 bar**

- Inlet pressure 10 bar steady
- - - Inlet pressure 10 bar steady
- - - Inlet pressure 10 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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