

GAS REGULATORS

MODEL BWS45

Single-Stage Cylinder Regulators With Stainless Steel Diaphragm

APPLICATION:

- Heavy duty, large, strong regulator for the professionals

FEATURES:

- Forged brass body for maximum strength
- Maximum inlet pressure of 230 bar
- Enough flow to cut up to 400 mm steel
- Large Ø 70 mm diaphragm stabilizes working pressure
- Side entry
- Stainless steel diaphragm
- Brass T-screw handle
- One-piece encapsulated seat design with internal filter and PTFE (Teflon®*) seat
- Weight: 1,7 kg



3002275



3002276



3002274



3002277



3002278

PART NO.	MODEL	GAS	INLET CONECTION	OUTLET CONECTION	MAX INLET PRESSURE (bar)	DELIVERY PRESSURE (bar)	MAX AIR FLOW (m ³ /h)	DELIVERY PRESSURE GAUGE (bar)	SUPPLY PRESSURE GAUGE (bar)	WEIGHT (kg)
3002275	BWS45A-993	Acetylene	CGA-993	9/16"-18-UNF-2A-LH	25	0 – 1,5	52	0 – 2,5	0 – 40	1,166
3002276	BWS45A-300	Acetylene	CGA-300	9/16"-18-UNF-2A-LH	25	0 – 1,5	52	0 – 2,5	0 – 40	1,156
3002274	BWS45P-510	Propane	CGA-510	9/16"-18-UNF-2A-LH	25	0 – 4	25	0 – 6	0 – 40	1,204
3002277*	BWS45O-992	Oxygen	CGA-992	9/16"-18-UNF-2A-RH	230	0 – 4	170	0 – 6	0 – 315	1,637
3002278	BWS45O-540	Oxygen	CGA-540	9/16"-18-UNF-2A-RH	230	0 – 10	170	0 – 16	0 – 315	1,622
3002279	BWS45C-320	CO2	CGA-320	9/16"-18-UNF-2A-RH	230	0 – 10	170	0 – 16	0 – 315	1,622

* 10 bar version available

MODEL ARG/CO₂ Flowmeter

Economical Zero Compensated Flowmeter Regulator

APPLICATION:

- Medium duty welding

FEATURES:

- Compact design, forged brass body for maximum strength
- More resistant design to CO₂ freeze-up and gauge damage than typical flow control devices
- Ideal for MIG/TIG applications
- Saves gas - operates at pressures lower than typical
- Maximum inlet pressure 230 bar
- Flowmeter with easy-to-read polycarbonate outer tube cover for strength and 360° visibility
- Dual calibration argon / carbon dioxide flow tube
- One-piece encapsulated seat design with internal filter and PTFE (Teflon®*) seat
- Durable, easy to read flow tube



3100680



3100681

PART NO.	MODEL	GAS	INLET CONECTION	OUTLET CONECTION	MAX INLET PRESSURE (bar)	FLOW (lpm)	SUPPLY PRESSURE GAUGE (bar)	FLOWMETER (lpm)	WEIGHT (kg)
3100680	ARG/CO ₂ Flowmeter	Argon	CGA-992	5/8"-18 RH (F)	230	0 – 30	0 – 315	0 – 30	1,047
3100681	ARG/CO ₂ Flowmeter	Argon	CGA-580	5/8" 18 RH (F)	230	0 – 30	0 – 315	0 – 30	1,050